

**SUPPLEMENT NO. 1**

**ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**

**GILBANE JOB NO. 11.5311.000**

**October 17, 2011**

**Bid Package Name & Number**

02A Demolition & Abatement – SBE Set Aside	10A Signage
03A Cast in Place Concrete – SBE Set Aside	10B Toilet Compartments/Accessories
04A Masonry – SBE Set Aside	10C Accordion Folding Partitions
05A Structural Steel	11A Stage Curtains
05B Miscellaneous Metals – MBE Set Aside	12A Laboratory Casework
06A Millwork/Casework	13A Portable Classrooms
07A Roofing & Metal Panels – SBE Set Aside	14A Elevators
07B Spray Applied Fireproofing	21A Fire Protection
08A Glass & Glazing	22A Plumbing
08B Doors, Frames, & Hardware	23A HVAC
09A Drywall & Related Work	23B Testing & Balancing
09B Ceramic Tile – SBE Set Aside	26A Electrical
09C Carpet & Resilient Flooring – SBE Set Aside	31A Sitework
09D Acoustic Ceilings – SBE Set Aside	32A Landscaping – SBE Set Aside
09E Painting & Wallcovering – SBE Set Aside	

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The following items are hereby made part of the bid documents for the H.C. Wilcox Technical High School Additions and Renovations Project:

**General Items (Applies to all bid packages)**

1. The bid date and time have been changed. Sealed bids will be received at Gilbane Building Company, 208 New London Turnpike, Glastonbury, CT 06033 until 2:00 p.m. at the prevailing local time November 1, 2011. The public opening will occur at 3:00 p.m. in the main and auxiliary gymnasiums of H.C. Wilcox Technical High School, Meriden, CT.
2. The deadline to submit bid RFI's has been changed. Bid RFI's must be submitted no later than 5:00 p.m. on October 25, 2011.
3. The Project site will be open for inspection by bidders from 3:00 p.m. to 4:30 p.m. on Tuesday, October 18, and Wednesday, October 19. Sign in and out of the site at the main office.
4. Bid Package 26B Tel/Data has been eliminated. All work of BP26B has been incorporated into BP26A Electrical.
5. Reference Gilbane Project Manual section 00 73 46, insert the following; Minimum Rates and Classifications for Building Construction (prevailing wage rates) as issue by the State of

Connecticut Department of Labor Wager and Workplace Standards Division for H.C. Wilcox Technical High School Additions and Renovations dated October 13, 2011, attached.

6. Drawing E2.08, dated Revised 09/09/2011, attached. Note that the drawing was to be included in the original bid set, but a file naming issue caused E2.07 to be duplicated. Please replace the second E2.07 with the attached E2.08.
7. Reference Gilbane Project Manual section 00 31 13.1, insert; Gilbane Sort by Phase Schedule for H.C. Wilcox Technical High School, run date 23-Sep-11, attached.
8. Reference Gilbane Project Manual section 00 31 13.2, insert; Gilbane Sort by Bid Package Schedule for H.C. Wilcox Technical High School, run date 23-Sep-11, attached.
9. Reference Gilbane Project Manual section 00 42 26; delete all proposal forms dated September 26, 2011 and replace with proposal forms dated October 17, 2011, attached. Note that the number of revisions varies in each proposal form. Review the revised proposal form carefully and provide all work as required by the revised proposal form. Use of the September 26, proposal form will render the bid non-responsive.
10. Section 00 81 00 BIM Standards & Specifications dated October 15, 2011, attached.
11. Prebid Meeting Minutes dated October 11, 2011, attached. Note that attendance at the prebid meeting was NOT mandatory. However, bidders remain responsible for all field condition and site investigation for inclusion in their bids.
12. The Division 00 sections listed in the Tai Soo Kim, Partners, LLC Project Manual and shown in light gray have been superseded by the Gilbane Project Manual. However, in accordance with applicable Connecticut Statutes and Regulations, the successful bidders will be required to execute and submit the documents designated as sections 004013.1 through 004013.9, 004516, 004533, 004536, 004543, and 004546. These documents are available on the State of Connecticut's website. The bid submission must include the following:
  - Proposal form, completed and signed, one (1) original and one (1) copy
  - Bid bond in the amount of ten percent (10%) of the bid, with Gilbane as the obligee
  - DAS Update Statement as applicableNote that apparent low bidders may be required to complete and submit an AIA A305 Contractor Qualification Statement upon request after the bid. The Construction Manager will provide the form if the request is issued. The bidder must complete and submit the document within one business day of the request or their bid may be deemed non-responsive.
13. Note that the Gilbane proposal form has precedence over the plans and specifications with regards to the assignment of work. Include all work required by the proposal form accordingly.
14. General Scope of Work item 41 in every bid package as been replaced with the following paragraph:

State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license cost is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014,

the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.

Note the change in fee and include all costs accordingly.

15. The following RFI's:

A. Q: Our company is a small business & a minority business also. Being a minority company, do we automatically qualify for the minority percentage required or do we have to have an additional percentage of minority requirement & how much more is required beyond our status of being a minority contractor. Please reply.

A: Yes, provided that your company's participation is in accordance with CHRO established criteria.

B. Q: Our company is a small business enterprise and not a minority business enterprise. Is minority business enterprise participation required in our bid?

A: Minority business enterprise participation goals (small business enterprise goals too) vary by bid package in accordance with the Project CHRO plan. See section G of the bid package for the specific goals for that package. Note that regardless of goals stipulated, bidders are strongly encouraged to include any small and/or minority business enterprise participation possible. Note the documented "good faith" efforts requirement and include accordingly.

C. Q: We ordered our prints from Cop-Eze as indicated in the invitation to bid. The shading for the recesses mentioned in question one are so faint on the drawings that we can't correctly interpret the areas to receive infills or differentiate between the shallower and deeper fills. Can these plans be hashed more aggressively to delineate the areas and be reissued for our use? I believe all the concrete infill areas are noted on drawings A1.03 and A1.04 only.

A: No. Please download the .pdf versions of the drawing from the Gilbane ftp site. The shading is clear when zoomed to the appropriate level. There is no cost to download the documents. See the invitation to bid for site address, username and password.

D. Q: Drawing A1.01 also has a hatched area but is referencing a Cementitious Underlayment at the areas noted. Since the Underlayment is not assigned to our trade package, but is assigned to both of the finish flooring trade packages, can we assume these recessed areas are not in our scope of work?

A: The Cementitious Underlayment referred to on drawing A1.01 is not the same as the Hydraulic Cement Underlayment in Specification Section 035416. BP 03A is to include ALL concrete in-fills including those shown on Drawing A1.01. Specification Section 035416 is for thin flash patching or skim coating under flooring.

E. Q: Item 19, in the specific scope items for BP-31A, calls for potable water and sanitary services for the CM office. What size and length of each service is required?

A: 4" sanitary line and 1" copper water service. Tie both to the nearest point of connection include tapping main and valves at both ends.

- F. Q: Items 34, 35, and 36, in the specific scope items for BP-31A, include select slab removals. Which contractor will be responsible for the layout (length and width) of the slab removal?  
A: Layout will be performed primarily by the MEP trade requiring the cut, with assistance by BP31A. Provide all layout for all other slab removals. Include cuts of proper width to accommodate benching or alternatively include a trench box for all workers including all other trades.
- G. Q: Please confirm who is responsible for footing removal at lease end. Spec say by us but pricing form says by others?  
A: BP31A is responsible for the removal and disposal of the footings after the portables are removed. Note that the Gilbane proposal form has precedence over the plans and specifications with regards to the assignment of work. Include all work required by the proposal form accordingly.
- H. Q: Is a two line safety cable required at the roof?  
A: BP05A is to provide a two line safety rail in accordance with the Gilbane Safety Plan at all levels, including the roof, at new construction and framed openings at all locations. BP07A is to provide a Garlock type system at the entire perimeter of any fall hazard for the duration of the work.
- I. Q: Which trade is responsible for the removal of the safety cables at floors and roof?  
A: Removal is by the bid package installing the work that either removes the fall hazard or requires the permanent removal of the cable rail system for the installation of their work. BP05B Miscellaneous Metals will remove all other remaining cable rail system when requested by the Construction Manager.
- J. Q: Is the structural steel contractor responsible to furnish and shop install masonry anchors?  
A: BP05A will provide all dimensioned steel shown on the Structural drawings. BP05A will shop weld and masonry clip receivers furnished by BP04A Masonry provided the material and lay-out requirements are provided in time for inclusion in the steel shop drawings. BP04A material provided late, or missed entirely, is the responsibility of BP04A to field install.
- K. Q: Please confirm that all overhead door frames and new steel door frames shown on Structural drawings (example S1.04) will be furnished and installed by the misc. metals contractor per section 055000 and should be excluded under the structural steel section 004226-05A.  
A: No, that is not correct. Any steel shown with dimension on the Structural drawings, regardless whether specified in Section 051200, or 055000, is by BP05A. BP05B shall provide all steel not shown on the Structural drawings and all steel and other metals required by sections 055000, 055110, and 057500. Loose lintels are all by BP05B.
- L. Q: Please confirm that the continuous galvanized angle shown in sections 2, 2A, 3, & 7/S3.04; 3/A4.09; and 6/A4.22 at the aluminum framed storefront will be furnished and installed by the misc. metals contractor per section 004226-05B Specific Item #13 and should be excluded under the structural steel section 004226-05A.

- A: No, that is not correct. Any steel shown with dimension on the Structural drawings, regardless whether specified in Section 051200, or 055000, is by BP05A. BP05B shall provide all steel not shown on the Structural drawings and all steel and other metals required by sections 055000, 055110, and 057500. Loose lintels are all by BP05B. The BP05B proposal form has been revised accordingly.
- M. Q: Please confirm that the embedded angle frames at the new trenches, base of overhead door frames, pit at new spray booth, and similar embedded frames shown on Structural drawings (example S1.04) will be furnished by the misc. metals contractor per section 004226-05B Specific Item #14 and not by the structural steel contractor per 004226-05A Specific Items #5 & 9.
- A: No, that is not correct. Any steel shown with dimension on the Structural drawings, regardless whether specified in Section 051200, or 055000, is by BP05A. BP05B shall provide all steel not shown on the Structural drawings and all steel and other metals required by sections 055000, 055110, and 057500. Loose lintels are all by BP05B. The BP05B proposal form has been revised accordingly.
- N. Q: Please confirm that the hung lintels/ relieving angles indicated in section 004226-05A Specific Item #19 (structural steel) are only those attached to structural steel.
- A: No, that is not correct. Any steel shown with dimension on the Structural drawings, regardless whether specified in Section 051200, or 055000, is by BP05A. BP05B shall provide all steel not shown on the Structural drawings and all steel and other metals required by sections 055000, 055110, and 057500. Loose lintels are all by BP05B. The BP05B proposal form has been revised accordingly.
- O. Q: Please confirm that the hung lintels/ relieving angles indicated in section 004226-05B Specific Item #10 (misc. metals) are only those not attached to structural steel.
- A: No, that is not correct. Any steel shown with dimension on the Structural drawings, regardless whether specified in Section 051200, or 055000, is by BP05A. BP05B shall provide all steel not shown on the Structural drawings and all steel and other metals required by sections 055000, 055110, and 057500. Loose lintels are all by BP05B. The BP05B proposal form has been revised accordingly.
- P. Q: Please confirm that the hung lintels/ relieving angles indicated in sections 12/S4.03, 3/S6.06, and similar sections per 004226-05B Specific Item #10 (misc. metals) should be excluded under the structural steel section 004226-05A. Structural Drawings??
- A: No, that is not correct. Any steel shown with dimension on the Structural drawings, regardless whether specified in Section 051200, or 055000, is by BP05A. BP05B shall provide all steel not shown on the Structural drawings and all steel and other metals required by sections 055000, 055110, and 057500. Loose lintels are all by BP05B. The BP05B proposal form has been revised accordingly.

- Q. Q: Please confirm that all aluminum framing including girts and perforated aluminum sunscreen panels per section 057500 and shown on S1.06, 5/S6.04, A3.01, A4.02, and similar are by the misc. metals contractor and should be excluded under the structural steel section 004226-05A.
- A: Confirmed. BP05B shall provide all aluminum framing including girts and perforated aluminum sunscreen panels.
- R. Q: Section 004226-05A Specific Item #35 (structural steel) says to provide dunnage support framing. Section 051200 1.2.B (structural steel) excludes dunnage support framing. Please advise which is correct.
- A: Section 004226-05A Specific Item #35. Note that the Gilbane proposal form has precedence over the plans and specifications with regards to the assignment of work. Include all work required by the proposal form accordingly.
- S. Q: BP04A Specific Scope of Work Item 13 references the scaffolding to be maintained and kept in place until all exterior trades are complete (I assume duration is based on schedule), however it does cause an undue burden if we choose to use non-traditional scaffolding (i.e. hydro mobile). Also, how many levels of planking are we to provide for working platform and outriggers. Can the exterior scaffolding be treated for pricing similar to the interior scaffolding language of the same paragraph?
- A: The intent of BP04A Specific Scope of Work Item 13 is to allow other trades working on the exterior of the building to reduce access costs when possible. For bidding purposes, assume the scaffolding system is left in place (at the eve for mobile scaffold systems) for one ( 1 ) week beyond the end of the BP04A work. Any modification and/or movement of scaffold systems required by other trades, is at the cost of the trade requiring the modification/movement.

All other terms and conditions remain unchanged. Acknowledge your receipt and inclusion of this Supplement No. 1 on the proposal form in the space provided.

Sincerely,  
GILBANE BUILDING COMPANY



Patrick J. Delany  
District Chief Purchasing Agent

Cc: Jobsite  
M. Rubbo – Gilbane  
R. Van Akin – Gilbane  
Project Distribution List  
File

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**HC Wilcox Regional Vocational Technical School**  
**Gilbane Job No. 11.5311.000**  
**State Project No. BI-RT-843-CMR**

00 01 10	Cover Page dated September 26, 2011
00 01 10.1	Table of Contents dated October 17, 2011
00 11 13	Advertisement for Bids / Invitation to Bid dated September 26, 2011
00 31 13.1	Gilbane Sort by Phase Schedule for H.C. Wilcox Technical High School, dated 23-Sep-11
00 31 13.2	Gilbane Sort by Bid Package Schedule for H.C. Wilcox Technical High School, dated 23-Sep-11
00 21 13	General Instructions to Bidders dated September 26, 2011
00 42 26	Proposal Forms dated October 17, 2011
00 52 26	Sample Contract for Trade Contractor dated September 26, 2011
00 61 13	Performance Bond & Labor and Material Payment Bond
00 62 90	Project Start-up / Billing Instructions dated September 26, 2011
00 62 90.1	Material Status Report dated September 26, 2011
00 62 90.2	Contractor's Sworn Statement dated September 26, 2011
00 62 90.3	Sub-Sub Waiver of Lien – Interim dated September 26, 2011
00 62 90.4	Supplier's Waiver of Lien – Interim dated September 26, 2011
00 62 90.5	Minority Business Enterprise Participation Affidavit dated September 26, 2011
00 62 90.6	Bill of Sale of Personal Property dated September 26, 2011
00 62 90.7	Schedule "A" Bill of Sale dated September 26, 2011
00 62 90.8	Textura Summary and Fees dated September 26, 2011
00 62 90.9	Certificated Designating Authorized Signatures dated September 26, 2011
00 72 26	General Conditions for Trade Contractor Agreements dated September 26, 2011
00 73 19	Project Safety Plan dated September 26, 2011
00 73 46	Prevailing Wage Rates dated October 13, 2100
00 80 01	Quality Plan dated September 26, 2011
00 80 02	Construction Waste Management Plan dated September 26, 2011.
00 80 03	Indoor Air Quality Management Plan dated September 26, 2011
00 80 04	Site Utilization and Phasing Plan dated September 26, 2011
00 81 00	BIM Standards & Specifications dated October 15, 2011

Activity ID	Activity Name	Orig Dur	Rem Dur	ES	EF	2012	2013	2014	2015
<b>H. C. WILCOX TECHNICAL HIGH SCHOOL</b>									
<b>CONSTRUCTION</b>									
<b>SUMMARY</b>									
5090	PHASE 1 - TEMP. CONSTRUCTION LOT	10	10	25-Jan-12	07-Feb-12				
5120	PHASE 1 - TEMP. PARKING LOT (SOUTH LOT)	20	20	25-Jan-12	21-Feb-12				
5170	PHASE 1 - SITE UTILITIES	79	79	12-Mar-12	29-Jun-12				
5130	PHASE 1 - TEMPORARY PORTABLES	63	63	05-Apr-12	03-Jul-12				
5390	PHASE 1 - VACATE CLASSROOM WING	5	5	25-Jun-12	29-Jun-12				
5140	PHASE 1 - EGRESSING ALTERATIONS	10	10	25-Jun-12	09-Jul-12				
5180	PHASE 1 - RENOVATIONS	121	121	02-Jul-12	20-Dec-12				
5270	PHASE 1 - MOVE-IN PORTABLES	5	5	05-Jul-12	11-Jul-12				
5150	PHASE 1 - NORTH CLASSROOM WING ABATEMENT/DEMOLITION	54	54	12-Jul-12	26-Sep-12				
5160	PHASE 1 - NEW ADDITIONS	337	337	06-Aug-12	28-Nov-13				
5230	PHASE 1 - RELOCATION / MOVE-IN RENOVATED SPACE	5	5	21-Dec-12	28-Dec-12				
5190	PHASE 2 - RENOVATIONS	116	116	31-Dec-12	11-Jun-13				
5240	PHASE 2 - RELOCATION/MOVE-IN	5	5	12-Jun-13	18-Jun-13				
5100	PHASE 2 - PARKING LOT	75	75	18-Jul-13	31-Oct-13				
5250	PHASE 1 - MOVE-IN/SERVICE GARAGE & HAIRDRESSER RELOCATIONS	6	6	23-Dec-13	31-Dec-13				
5110	PHASE 3 - RENOVATIONS	166	166	02-Jan-14	21-Aug-14				
5200	PHASE 3A - REMOVE TEMPORARY PORTABLES	15	15	06-Aug-14	26-Aug-14				
5260	PHASE 3 - RENOVATIONS FF&E INSTALL & MOVE-IN	13	13	13-Aug-14	29-Aug-14				
5210	PHASE 3B TEMP. LOT REMOVAL / BALANCE OF SITEWORK	51	51	27-Aug-14	05-Nov-14				
5220	SUBSTANTIAL COMPLETION	0	0		05-Nov-14				
11920	INITIAL TESTING AND ACCEPTANCE PERIOD	73	73	06-Nov-14	16-Feb-15*				
<b>PHASE 1</b>									
<b>SITWORK</b>									
5360	PHASE 1 - TEMP. CONSTRUCTION LOT	10	10	25-Jan-12	07-Feb-12				
5370	PHASE 1 - TEMP. PARKING LOT (SOUTH LOT)	20	20	25-Jan-12	21-Feb-12				
8720	PHASE 1 - REMOVE BUMP-OUTS / ESTABLISH NEW CURB LINES	2	2	20-Feb-12*	21-Feb-12				
7850	PHASE 1 - EXCAV/BACKFILL U/GROUND ELEC. (3) - 4" CONDUITS TO NEW ADDITION	5	5	12-Mar-12	16-Mar-12				
11970	PHASE 1 - U/GROUND ELEC. (3) - 4" CONDUITS TO NEW ADDITION	5	5	12-Mar-12	16-Mar-12				
5400	PHASE 1 - WATER LINE RELOCATION - NORTH SIDE	10	10	12-Mar-12*	23-Mar-12				
9260	PHASE 1 - NORTH SIDE DRAINAGE LINE / DETENTION BASIN	15	15	12-Apr-12	02-May-12				
8930	PHASE 1 - TEMP. SERVICES TO NEW PORTABLES	15	15	26-Apr-12	16-May-12				
9230	PHASE 1 - TEMP. PORTABLE SANITARY LINE/CONNECTION	15	15	26-Apr-12	16-May-12				
9270	PHASE 1 - COMPLETE BALANCE OF UTILITIES	43	43	01-May-12*	29-Jun-12				

Data Date - 12-Sep-11

Run Date - 23-Sep-11

- █ Remaining Level of Effort
- █ Actual Level of Effort
- █ Actual Work

H. C. WILCOX TECHNICAL HIGH SCHOOL  
Sort By Phase - Construction Only






Date    Revi...    Che...    Appr...



Activity ID	Activity Name	Orig Dur	Rem Dur	ES	EF	2012	2013	2014	2015
8700	PHASE 1 - WEST DRAINAGE @ PORTABLES	10	10	03-May-12	16-May-12				
12290	PHASE 1 - DRAINAGE WEST SIDE 2 STORY CLASSROOM WING(S)	10	10	10-May-12*	23-May-12				
7110	LAST DAY OF STUDENTS - 2011-2012 SCHOOL YEAR	0	0		22-Jun-12*				
12300	PHASE 1 - NEW ELECTRICAL DUCTBANK @ COURTYARD	15	15	25-Jun-12	16-Jul-12				
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8710	PHASE 1 - FOUNDATIONS F/TEMP. PORTABLES	30	30	05-Apr-12	16-May-12				
12240	PHASE 1 - TEMP. 1600 AMP SERVICE FOR PORTABLES	10	10	01-May-12	14-May-12				
9250	PHASE 1 - INSTALL TEMP. PORTABLES	33	33	17-May-12	03-Jul-12				
5410	PHASE 1 - PORTABLES CERTIFICATE OF OCCUPANCY	0	0		03-Jul-12				
7480	PHASE 1 - MOVE BOOKS OUT TO PORTABLES	5	5	05-Jul-12	11-Jul-12				
9240	PHASE 1 - MOVE-IN TEMP. PORTABLES	5	5	05-Jul-12	11-Jul-12				
<b>MAKE READY WORK</b>									
12190	PHASE 1 - RELOCATE HVAC FOR NEW ELECTRICAL CLOSET @ SHOP WING	5	5	25-Jun-12	29-Jun-12				
12200	PHASE 1 - RELOCATE SPRINKLER FOR NEW ELECTRICAL CLOSET @ SHOP WING	5	5	25-Jun-12	29-Jun-12				
5420	PHASE 1 - EGRESSING MODS - TEMP. CORRIDORS/PARTITIONS	10	10	25-Jun-12	09-Jul-12				
12310	PHASE 1 - 2ND FLOOR ELECTRICAL CLOSET WORK	30	30	02-Jul-12	13-Aug-12				
12210	PHASE 1 - NEW ELECTRICAL CLOSET PANELS/FEEDS/WIRING @ SHOP WING	40	40	02-Jul-12	27-Aug-12*				
5490	PHASE 1 - PCB ABATEMENT XAD LINE EAST EXTR. WALL 2 STORY CLASSROOM WI...	10	10	10-Jul-12	23-Jul-12				
12220	PHASE 1 - ELECTRICAL EGRESS MODIFICATIONS/ALTERATIONS	10	10	10-Jul-12	23-Jul-12				
12230	PHASE 1 - HVAC EGRESS MODIFICATIONS/ALTERATIONS	10	10	10-Jul-12	23-Jul-12				
5540	PHASE 1 - TEMPORARY INFILL WINDOW OPNG XAD LINE EAST EXTR. WALL 2 STO...	5	5	24-Jul-12	30-Jul-12				
12170	PHASE 1 - SOILS PCB REMEDIATION XAD LINE EAST EXTR. WALL 2 STORY CLASS...	5	5	31-Jul-12	06-Aug-12				
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12250	TEMP. REFEED PANEL @ HAIRDRESSING	10	10	12-Jul-12	25-Jul-12				
5590	ABATEMENT - NORTH CLASSROOM WING	30	30	12-Jul-12	22-Aug-12				
5580	DEMOLITION - NORTH CLASSROOM WING	24	24	23-Aug-12	26-Sep-12				
12260	COMPLETE DRAINAGE FROM/FOR 2 STORY CLASSROOM WING	5	5	27-Sep-12	03-Oct-12				
12270	U/SLAB STORM DRAINAGE FROM/FOR 2 STORY CLASSROOM WING & TIE-IN	5	5	27-Sep-12	03-Oct-12				
12280	REMOVE STORM DRAINAGE PIPING FOR 2 STORY CLASSROOM WING	3	3	04-Oct-12	08-Oct-12				
<b>RENOVATIONS</b>									
<b>EXTERIOR WALL</b>									
9130	REMOVE ROOFING - PHASE 1 RENO	5	5	07-Aug-12	13-Aug-12				
9150	INSTALL MTL ROOF DECKING @ EDGE OF ROOF - PHASE 1 RENO	5	5	14-Aug-12	20-Aug-12				
9190	REMOVE METAL ROOF DECK @ SKYLIGHTS - PHASE 1 RENO	3	3	21-Aug-12	23-Aug-12				
9140	METAL STUD FRAMING AT PARAPET - PHASE 1 RENO	8	8	21-Aug-12	30-Aug-12				
9200	FRAME/SHEATH SKYLIGHT CURBS - PHASE 1 RENO	5	5	24-Aug-12	30-Aug-12				

Data Date - 12-Sep-11  
Run Date - 23-Sep-11

 Remaining Level of Effort  
 Actual Level of Effort  
 Actual Work

H. C. WILCOX TECHNICAL HIGH SCHOOL  
Sort By Phase - Construction Only  
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Date	Revi...	Che...	Appr...





Activity ID	Activity Name	Orig Dur	Rem Dur	ES	EF	2012	2013	2014	2015
5860	6" CRUSHED STONE - BLDG. A ADDITION	10	10	09-Nov-12	23-Nov-12				
5870	SOG VAPOR BARRIER - BLDG. A ADDITION	10	10	14-Nov-12	28-Nov-12				
5880	FORM ISOLATION JOINT/DIAMONDS @ COLUMNS - BLDG. A ADDITION	10	10	19-Nov-12	03-Dec-12				
5890	SOG MESH/REINFORCING - BLDG. A ADDITON	10	10	21-Nov-12	05-Dec-12				
5900	SOG CONCRETE PLACEMENT - BLDG. A ADDITION	10	10	26-Nov-12	07-Dec-12				
5910	SAWCUT SOG - BLDG. A ADDITION	3	3	10-Dec-12	12-Dec-12				
<b>STRUCUTAL STEEL &amp; SOMD</b>									
5610	ERECT STRUCTURAL STEEL - BLDG. A ADDITION	25	25	13-Dec-12	18-Jan-13				
6080	DETAIL/DECKING - BLDG. A ADDITION	40	40	28-Dec-12	22-Feb-13				
6110	SHEAR STUDS - BLDG. A ADDITION	10	10	11-Feb-13	22-Feb-13				
6130	MECH. PIPE SLEEVES SOMD - BLDG. A ADDITION	6	6	20-Feb-13	27-Feb-13				
6140	PLUMBING PIPE SLEEVES SOMD - BLDG. A ADDITION	6	6	20-Feb-13	27-Feb-13				
6150	SPRINKLER PIPE SLEEVES SOMD - BLDG. A ADDITION	6	6	20-Feb-13	27-Feb-13				
6160	ELEC. PIPE SLEEVES SOMD - BLDG. A ADDITION	6	6	20-Feb-13	27-Feb-13				
6120	GROUT BASE PLATES - BLDG. A ADDITION	5	5	25-Feb-13	01-Mar-13				
6170	SOMD MESH/REINFORCING - BLDG. A ADDITION	10	10	26-Feb-13	11-Mar-13				
6180	2ND LVL SOMD CONCRETE PLACEMENT - BLDG. A ADDITION	10	10	05-Mar-13	18-Mar-13				
6190	PLACE CONCRETE @ DIAMONDS - BLDG. A ADDITION	5	5	19-Mar-13	25-Mar-13				
8300	INSTALL STAIR A5 - BLDG. A ADDITION	5	5	19-Mar-13	25-Mar-13				
8330	FORM/PLACE CONC. HOUSEKEEPING PADS 1ST/2ND LEVEL - BLDG. A ADDITION	5	5	19-Mar-13	25-Mar-13				
6380	SPRAY FIREPROOFING - BLDG. A ADDITION	10	10	19-Mar-13	01-Apr-13				
8340	SET AHU's - 1ST/2ND LEVEL - BLDG. A ADDITION	3	3	26-Mar-13	28-Mar-13				
<b>EXTERIOR ENCLOSURE</b>									
<b>AE TO AT LINES</b>									
6680	6" METAL STUD/SHEATHING @ ROOF A14/A18 LINES - BUILDING A ADDITION	5	5	25-Feb-13	01-Mar-13				
6740	ROOF EDGE FASCIA FRAMING/SHEATHING - AE TO AT LINE - BUILDING A ADDITION	10	10	25-Feb-13	08-Mar-13				
6580	GIRT STEEL - AF & A9 LINES - BLDG. A ADDITION AE TO AT LINE	11	11	25-Feb-13	11-Mar-13				
6700	WINDOWS @ CLERESTORY - A14/A18 LINES - BUILDING A ADDITION	10	10	04-Mar-13	15-Mar-13				
6630	ERECT SCAFFOLD - AE TO AT LINES - BUILDING A ADDITION	5	5	11-Mar-13	15-Mar-13				
6690	ROOFING - AE TO AT LINES - BUILDNG A ADDITION	10	10	11-Mar-13	22-Mar-13				
6730	CMU BACK-UP @ GIRT STEEL - BLDG. A ADDITION AE TO AT LINE	3	3	12-Mar-13	14-Mar-13				
6650	6" METAL STUD/SEATHING @ A9 LINE AE TO AT - BUILDING A ADDITION	5	5	15-Mar-13	21-Mar-13				
6600	CMU BACK-UP - BUILDING A ADDITION AE TO AT LINES - BUILDING A ADDITION	15	15	18-Mar-13	05-Apr-13				
6610	AIR/VAPOR BARRIER - BUILDING A ADDITION AE TO AT LINES	5	5	08-Apr-13	12-Apr-13				
6620	INSULATION/BRICK VANNER - BUILDING A ADDITION AE TO AT LINES	15	15	15-Apr-13	03-May-13				
6750	INSTALL LOUVERS - AE TO AT LINES - BUILDING A ADDITION	3	3	06-May-13	08-May-13				
6660	6" METAL STUD/SHEATHING @ AT/A22 LINE CURTAINWALL - BUILDING A ADDITION	5	5	06-May-13	10-May-13				

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6640	FRAME SOFFIT @ ROOF LINE - BLDG. A ADDITION AE TO AT LINE	10	10	06-May-13	17-May-13				
6670	WINDOWS/CURTAINWALL - AE TO AT LINES - BUILDING A ADDITION	20	20	06-May-13	31-May-13				
6710	METAL PANELS - AE TO AT LINES - BUILDING A ADDITION	15	15	03-Jun-13	21-Jun-13				
<b>AA TO AE LINES</b>									
6780	CMU BACK-UP @ STAIR A4 - BLDG. A ADDITION AA TO AE LINES	7	7	25-Feb-13	05-Mar-13				
6760	6" METAL STUD/SEATHING @ AA & A2 LINE - BUILDING A ADDITION	10	10	25-Feb-13	08-Mar-13				
6800	6" STUD FRAMING/SHEATING @ SKYLIGHT - AA TO AE LINE - BUILDING A ADDITION	4	4	04-Mar-13	07-Mar-13				
6770	CMU BACK-UP A16 TO A29 LINE - BLDG. A ADDITION AA TO AE LINES	12	12	06-Mar-13	21-Mar-13				
6790	ROOF EDGE FASCIA FRAMING/SHEATHING - AA TO AE LINE - BUILDING A ADDITION	10	10	08-Mar-13	21-Mar-13				
6820	6" STUD FRAMING/SHEATHING @ AC LINE CURTAINWALL - BUILDING A ADDITION	10	10	11-Mar-13	22-Mar-13				
6590	GIRT STEEL - AA & A2 LINES - BUILDING A ADDITION	17	17	12-Mar-13	03-Apr-13				
6830	AIR/VAPOR BARRIER - AA TO AE LINES - BUILDING A ADDITION	10	10	15-Mar-13	28-Mar-13				
6810	ROOFING - AA TO AE LINES - BUILDING A ADDITION	10	10	22-Mar-13	04-Apr-13				
6840	INSULATION/BRICK VANNER - AA TO AE LINES - BUILDING A ADDITION	15	15	02-Apr-13	22-Apr-13				
6860	CURTAINWALL/WINDOWS - AA TO AE LINE - BUILDING A ADDITION	25	25	02-Apr-13	06-May-13				
6720	CMU BACK-UP @ GIRT STEEL - AA & A2 LINES - BUILDING A ADDITION	5	5	04-Apr-13	10-Apr-13				
6850	AIR/VAPOR BARRIER @ GIRT STEEL CMU - AA TO AE LINES - BUILDING A ADDITION	3	3	11-Apr-13	15-Apr-13				
6870	FRAME SOFFIT @ ROOF LINE - BLDG. A ADDITION AA TO AE LINES	10	10	07-May-13	20-May-13				
6880	METAL PANELS - AE TO AT LINES - BUILDING A ADDITION	15	15	21-May-13	10-Jun-13				
<b>INTERIOR FITOUT</b>									
<b>1ST FLR AE TO AT LINES</b>									
8080	R.I STORM DRAIN RISERS - BLDG. A AE TO AT 1ST FLR	5	5	12-Mar-13	18-Mar-13				
4760	LAYOUT FLOOR & TOP TRACK - BLDG. A AE TO AT 1ST FLR	2	2	02-Apr-13	03-Apr-13				
4780	R.I. OVERHEAD HVAC DUCT - BLDG. A AE TO AT 1ST FLR	10	10	04-Apr-13	17-Apr-13				
4790	R.I. OVERHEAD SPRINKLER - BLDG. A AE TO AT 1ST FLR	10	10	11-Apr-13	24-Apr-13				
4840	R.I. OVERHEAD ELECT. CONDUIT/RACEWAY - BLDG. A AE TO AT 1ST FLR	10	10	11-Apr-13	24-Apr-13				
4115	R.I. OVERHEAD HVAC PIPING - BLDG. A AE TO AT 1ST FLR	10	10	11-Apr-13	24-Apr-13				
4800	R.I. OVERHEAD PLUMBING - BLDG. A AE TO AT 1ST FLR	15	15	11-Apr-13	01-May-13				
4235	HANG VAV'S/HVAC EQUIP. - BLDG. A AE TO AT 1ST FLR	10	10	18-Apr-13	01-May-13				
4125	SET DOOR FRAMES - BLDG. A AE TO AT 1ST FLR	5	5	02-May-13	08-May-13				
4245	TIE-IN HVAC PIPING AT VAV'S/EQUIP. - BLDG. A AE TO AT 1ST FLR	5	5	02-May-13	08-May-13				
4850	INSULATE DUCT/PIPING - BLDG. A AE TO AT 1ST FLR	10	10	02-May-13	15-May-13				
4820	CMU WALLS - BLDG. A AE TO AT 1ST FLR	10	10	02-May-13	15-May-13				
4830	R.I. IN-WALL ELECTRIC @ CMU - BLDG. A AE TO AT 1ST FLR	10	10	02-May-13	15-May-13				
8370	BLOCK FILLER - BLDG. A AE TO AT 1ST FLR	3	3	16-May-13	20-May-13				
4860	STUD FRAME WALLS - BLDG. A AE TO AT 1ST FLR	10	10	16-May-13	29-May-13				
4770	R.I. PLUMBING IN WALL - BLDG. A AE TO AT 1ST FLR	7	7	30-May-13	07-Jun-13				

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7030	R.I. OVERHEAD ELECT. CONDUIT/RACEWAY - BLDG. A AE TO AT 2ND FLR	15	15	16-May-13	05-Jun-13				
4315	SET DOOR FRAMES - BLDG. A AE TO AT 2ND FLR	5	5	23-May-13	29-May-13				
7010	CMU WALLS - BLDG. A AE TO AT 2ND FLR	10	10	23-May-13	05-Jun-13				
7020	R.I. IN-WALL ELECTRIC @ CMU - BLDG. A AE TO AT 2ND FLR	10	10	23-May-13	05-Jun-13				
4335	TIE-IN HVAC PIPING AT VAV'S/EQUIP. - BLDG. A AE TO AT 2ND FLR	5	5	30-May-13	05-Jun-13				
7040	INSULATE DUCT/PIPING - BLDG. A AE TO AT 2ND FLR	10	10	30-May-13	12-Jun-13				
7050	STUD FRAME WALLS - BLDG. A AE TO AT 2ND FLR	10	10	06-Jun-13	19-Jun-13				
7060	R.I. ELECTRIC IN WALL - BLDG. A AE TO AT 2ND FLR	10	10	20-Jun-13	03-Jul-13				
6960	R.I. PLUMBING IN WALL - BLDG. A AE TO AT 2ND FLR	10	10	20-Jun-13	03-Jul-13				
7000	PLUMBING INSPECTION IN WALL - BLDG. A AE TO AT 2ND FLR	1	1	05-Jul-13	05-Jul-13				
7070	ELECTRICAL INSPECTION IN WALL - BLDG. A AE TO AT 2ND FLR	1	1	05-Jul-13	05-Jul-13				
7080	SHEET ROCK WALLS - BLDG. A AE TO AT 2ND FLR	10	10	08-Jul-13	19-Jul-13				
7090	TAPE SHEET ROCK - BLDG. A AE TO AT 2ND FLR	10	10	11-Jul-13	24-Jul-13				
7100	FRAME SOFFITS/FLAT CEILINGS - BLDG. A AE TO AT 2ND FLR	8	8	17-Jul-13	26-Jul-13				
7120	R.I. OVERHEAD TELE/DATA - BLDG. A AE TO AT 2ND FLR	10	10	22-Jul-13	02-Aug-13				
7130	R.I. OVERHEAD ELEC. CABLE - BLDG. A AE TO AT 2ND FLR	10	10	22-Jul-13	02-Aug-13				
8430	INTERIOR BRICK VENEER - BLDG. A AE TO AT 2ND FLR	10	10	22-Jul-13	02-Aug-13				
7140	PRIME PAINT - BLDG. A AE TO AT 2ND FLR	5	5	25-Jul-13	31-Jul-13				
4345	DUCT DROPS @ GYP. CEILINGS - BLDG. A AE TO AT 2ND FLR	5	5	29-Jul-13	02-Aug-13				
4355	LIGHTING ROUGH @ GYP. CEILINGS - BLDG. A AE TO AT 2ND FLR	5	5	29-Jul-13	02-Aug-13				
4365	SPRINKLER DROPS @ GYP. CEILINGS - BLDG. A AE TO AT 2ND FLR	5	5	29-Jul-13	02-Aug-13				
8450	FRAME CEILING CORR A201F - BLDG. A AE TO AT 2ND FLR	2	2	01-Aug-13	02-Aug-13				
7150	CERAMIC TILE TOILETS - BLDG. A AE TO AT 2ND FLR	5	5	01-Aug-13	07-Aug-13				
4435	DUCT DROPS @ CORR A201F CEILING - BLDG. A AE TO AT 2ND FLR	1	1	05-Aug-13	05-Aug-13				
4635	SPRINKLER DROPS @ CORR A201F CEILING - BLDG. A AE TO AT 2ND FLR	1	1	05-Aug-13	05-Aug-13				
4625	LIGHTING ROUGH @ CORR A201F CEILING - BLDG. A AE TO AT 2ND FLR	2	2	05-Aug-13	06-Aug-13				
4375	SHEETROCK SOFFITS/CEILINGS - BLDG. A AE TO AT 2ND FLR	8	8	05-Aug-13	14-Aug-13				
8440	INSTALL GYP SOFFIT @ A14/A18 LINES - BLDG. A AE TO AT 2ND FLR	10	10	05-Aug-13	16-Aug-13				
4645	GYP./TAPE & FINISHC CEILING CORR A201F - BLDG. A AE TO AT 2ND FLR	4	4	07-Aug-13	12-Aug-13				
4385	TAPE SOFFITS/CEILINGS - BLDG. A AE TO AT 2ND FLR	8	8	07-Aug-13	16-Aug-13				
7170	PLMG FIXTURES - TOILETS - BLDG. A AE TO AT 2ND FLR	5	5	08-Aug-13	14-Aug-13				
7190	TOILET ACCESSORIES - BLDG. A AE TO AT 2ND FLR	3	3	15-Aug-13	19-Aug-13				
7200	PRIME PAINT @ GYP. SOFFITS - BLDG. A AE TO AT 2ND FLR	5	5	19-Aug-13	23-Aug-13				
7210	CEILING GRID - BLDG. A AE TO AT 2ND FLR	10	10	19-Aug-13	30-Aug-13				
8460	INSTALL CHANNEL WALL GLASS SYSTEM - BLDG. A AE TO AT 2ND FLR	8	8	26-Aug-13	05-Sep-13				
7230	RGD's @ CEILING - BLDG. A AE TO AT 2ND FLR	10	10	26-Aug-13	09-Sep-13				
7240	LIGHT FIXTURES @ CEILING - BLDG. A AE TO AT 2ND FLR	10	10	26-Aug-13	09-Sep-13				

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12070	PLUMBING FIXTURES @ LAB CASEWORK - BLDG. A AA TO AE 2ND FLR	8	8	08-Oct-13	17-Oct-13				PLUMBING FIXTURES
4389	INSTALL MARKERBOARDS/TACKBOARDS - BLDG. A AA TO AE 2ND FLR	3	3	10-Oct-13	14-Oct-13				INSTALL MARKERBOA
8030	FINAL PAINT - BLDG. A AA TO AE 2ND FLR	5	5	10-Oct-13	16-Oct-13				FINAL PAINT - BLDG. A
8060	TEST & BALANCE FLOOR - BLDG. A AA TO AE 2ND FLR	5	5	10-Oct-13	16-Oct-13				TEST & BALANCE FLO
4349	AREA PUNCHLIST FLOOR (RCL) - BLDG. A AA TO AE 2ND FLR	10	10	18-Oct-13	31-Oct-13				AREA PUNCHLIST FLO
<b>BUILDING B</b>									
<b>ANCILLARY WORK</b>									
6480	ABATE PCB'S/WINDOW REMOVAL/DEMOLITION ALONG XB1 LINE	10	10	25-Jun-12	09-Jul-12				ABATE PCB'S/WINDOW REMOVAL/DEM
8640	LEAD PAINT ABATEMENT ALONG XB1 LINE	10	10	25-Jun-12	09-Jul-12				LEAD PAINT ABATEMENT ALONG XB1
9290	TEMPORARY PROTECTION @ WINDOW INFILLS	5	5	10-Jul-12	16-Jul-12				TEMPORARY PROTECTION @ WINDO
6570	NEW STEEL BEAMS IN EXISTING BUILDING B ALONG XB1 LINE	20	20	10-Jul-12	06-Aug-12				NEW STEEL BEAMS IN EXISTING BUI
6560	SPRAY FIREPROFFING NEW STEEL/EXISTING DECK ALONG XB1 LINE	5	5	07-Aug-12	13-Aug-12				SPRAY FIREPROFFING NEW STEEL/
6540	4" SOLID CMU / 8" CMU INFIL @ XB1 LINE	10	10	14-Aug-12	27-Aug-12				4" SOLID CMU / 8" CMU INFIL @ XB1
<b>SITWORK/FOUNDATIONS/STRUCTURE</b>									
5630	PAD PREP/FOUNDATION EXCAVATION - BUILDING B ADDITION	5	5	11-Oct-12	17-Oct-12				PAD PREP/FOUNDATION EXCAVAT
5640	FOUNDATIONS - BUILDING B ADDITION BA TO BD LINES	40	40	18-Oct-12	13-Dec-12				FOUNDATIONS - BUILDING B ADI
5690	UNDERSLAB PLUMBING - BUILDING B ADDITION	12	12	14-Dec-12	02-Jan-13				UNDERSLAB PLUMBING - BUILD
5660	6" CRUSHED STONE - BUILDING B ADDITION	4	4	03-Jan-13	08-Jan-13				6" CRUSHED STONE - BUILDING
5670	SOG VAPOR BARRIER - BUILDING B ADDITION	4	4	09-Jan-13	14-Jan-13				SOG VAPOR BARRIER - BUILDIN
5740	FORM ISOLATION JOINT/DIAMONDS @ COLUMNS - BUILDING B ADDITION	5	5	15-Jan-13	21-Jan-13				FORM ISOLATION JOINT/DIAMO
5680	SOG MESH/REINFORCING - BUILDING B ADDITON	4	4	18-Jan-13	23-Jan-13				SOG MESH/REINFORCING - BU
5700	SOG CONCRETE PLACEMENT - BUILDING B ADDITION	1	1	24-Jan-13	24-Jan-13				SOG CONCRETE PLACEMENT -
5710	SAWCUT SOG - BUILDING B ADDITION	2	2	25-Jan-13	28-Jan-13				SAWCUT SOG - BUILDING B AD
5650	ERECT STRUCTURAL STEEL - BUILDING B ADDITION	10	10	29-Jan-13	11-Feb-13				ERECT STRUCTURAL STEEL -
5730	DETAILING/DECKING STRUCTURAL STEEL - BUILDING B ADDITION	25	25	06-Feb-13	12-Mar-13				DETAILING/DECKING STRUCT
5760	SHEAR STUDS - BUILDING B ADDITION	5	5	13-Mar-13	19-Mar-13				SHEAR STUDS - BUILDING B/
5770	GROUT BASE PLATES - BUILDING B ADDITION	5	5	13-Mar-13	19-Mar-13				GROUT BASE PLATES - BUILD
5790	MECH. PIPE SLEEVES SOMD - BUILDING B ADDITION	2	2	20-Mar-13	21-Mar-13				MECH. PIPE SLEEVES SOMD
5800	PLUMBING PIPE SLEEVES SOMD - BUILDING B ADDITION	2	2	20-Mar-13	21-Mar-13				PLUMBING PIPE SLEEVES SC
5810	SPRINKLER PIPE SLEEVES SOMD - BUILDING B ADDITION	2	2	20-Mar-13	21-Mar-13				SPRINKLER PIPE SLEEVES S
5820	ELEC. PIPE SLEEVES SOMD - BUILDING B ADDITION	2	2	20-Mar-13	21-Mar-13				ELEC. PIPE SLEEVES SOMD -
5780	SOMD MESH/REINFORCING - BUILDING B ADDITION	4	4	22-Mar-13	27-Mar-13				SOMD MESH/REINFORCING -
5830	2ND LVL SOMD CONCRETE PLACEMENT - BUILDING B ADDITION	1	1	28-Mar-13	28-Mar-13				2ND LVL SOMD CONCRETE P
5750	PLACE CONCRETE @ DIAMONDS - BUILDING B ADDITION	5	5	29-Mar-13	04-Apr-13				PLACE CONCRETE @ DIAMO
8210	SPRAY FIREPROOFING - BUILDING B ADDITION	5	5	29-Mar-13	04-Apr-13				SPRAY FIREPROOFING - BUI
8180	INSTALL STAIR B - BUILDING B ADDITION	7	7	29-Mar-13	08-Apr-13				INSTALL STAIR B - BUILDING
8250	INSTALL ELEVATOR	25	25	05-Aug-13	09-Sep-13				INSTALL ELEVATOR

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<b>EXTERIOR ENCLOSURE</b>									
8190	SKYLIGHT FRAMING/SHEATHING - BUILDING B ADDITION	5	5	13-Mar-13	19-Mar-13				
6440	ERECT SCAFFOLD - BUILDIG B ADDITION	10	10	13-Mar-13	26-Mar-13				
6490	8' CMU WALL @ B6 LINE	10	10	13-Mar-13	26-Mar-13				
6420	CMU BACK-UP - BUILDING B ADDITION	20	20	18-Mar-13	12-Apr-13				
6410	ROOFING - BUILDING B ADDITION	10	10	20-Mar-13	02-Apr-13				
8200	2 1/2" MTL STUD/EXTR. SHEATHING @ BEAM INFILLS - BUILDING B ADDITION	10	10	08-Apr-13	19-Apr-13				
6430	AIR/VAPOR BARRIER - BUILDING B ADDITION	5	5	22-Apr-13	26-Apr-13				
6450	INSULATION/BRICK VENNER - BUILDING B ADDITION	25	25	24-Apr-13	28-May-13				
6460	WINDOWS - BUILDING B ADDITION	20	20	22-May-13	18-Jun-13				
6470	INSTALL OVERHEAD DOORS - BUILDING B ADDITION	6	6	29-May-13	05-Jun-13				
<b>INTERIOR FITOUT</b>									
<b>1ST FLOOR</b>									
4000	LAYOUT FLOOR & TOP TRACK - BLDG. B 1ST FLR	3	3	29-Mar-13	02-Apr-13				
4070	R.I. PLUMBING IN WALL - BLDG. B 1ST FLR	5	5	02-Apr-13	08-Apr-13				
4010	INITIAL OH R.I. HVAC DUCT - BLDG. B 1ST FLR	10	10	02-Apr-13	15-Apr-13				
8110	R.I. STORM DRAIN RISERS - BLDG. B 1ST FLR	5	5	05-Apr-13	11-Apr-13				
4030	INITIAL OH R.I. ELECT. CONDUIT/RACEWAY - BLDG. B 1ST FLR	10	10	05-Apr-13	18-Apr-13				
4035	INITIAL OH R.I. HVAC PIPING - BLDG. B 1ST FLR	10	10	05-Apr-13	18-Apr-13				
4080	PLUMBING INSPECTION IN WALL - BLDG. B 1ST FLR	1	1	09-Apr-13	09-Apr-13				
4020	INITIAL OH R.I. SPRINKLER - BLDG. B 1ST FLR	10	10	11-Apr-13	24-Apr-13				
4350	INITIAL OH R.I. PLUMBING - BLDG. B 1ST FLR	10	10	11-Apr-13	24-Apr-13				
4060	INITIAL DUCT/PIPING INSULATION - BLDG. B 1ST FLR	5	5	19-Apr-13	25-Apr-13				
4055	SET DOOR FRAMES - BLDG. B 1ST FLR	5	5	25-Apr-13	01-May-13				
4360	CMU WALLS - BLDG. B 1ST FLR	20	20	25-Apr-13	22-May-13				
4370	R.I. IN-WALL ELECTRIC @ CMU - BLDG. B 1ST FLR	20	20	25-Apr-13	22-May-13				
4110	BLOCK FILLER/PRIME PAINT - BLDG. B 1ST FLR	5	5	21-May-13	27-May-13				
4050	DRYWALL CEILINGS @ B112/B102 - BUILDING B ADDITION	15	15	23-May-13	12-Jun-13				
4330	R.I. OVERHEAD TELE/DATA - BLDG. B 1ST FLR	15	15	30-May-13	19-Jun-13				
4340	R.I. OVERHEAD ELEC. CABLE - BLDG. B 1ST FLR	15	15	30-May-13	19-Jun-13				
4250	FRAME SOFFITS/FLAT CEILINGS - BLDG. B 1ST FLR	5	5	06-Jun-13	12-Jun-13				
4135	DUCT DROPS @ GYP. CEILINGS - BLDG. B 1ST FLR	3	3	13-Jun-13	17-Jun-13				
4155	SPRINKLER DROPS @ GYP. CEILINGS - BLDG. B 1ST FLR	3	3	13-Jun-13	17-Jun-13				
4145	LIGHTING ROUGH @ GYP. CEILINGS - BLDG. B 1ST FLR	4	4	13-Jun-13	18-Jun-13				
4045	HANG VAV'S/HVAC EQUIP. - BLDG. B 1ST FLR	5	5	13-Jun-13	19-Jun-13				
4090	COMPLETE OH R.I. HVAC DUCT - BLDG. B 1ST FLR	10	10	13-Jun-13	26-Jun-13				
4300	COMPLETE OH R.I. SPRINKLER - BLDG. B 1ST FLR	10	10	13-Jun-13	26-Jun-13				

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8270	INSTALL MARKERBOARDS/TACKBOARDS - BLDG. B 2ND FLR	5	5	17-Sep-13	23-Sep-13				I : INSTALL MARKERBOAR
4740	CARPET / RESILIENT - BLDG. B 2ND FLR	15	15	17-Sep-13	07-Oct-13				I : CARPET / RESILIENT -
4620	TOILET ACCESSORIES - BLDG. B 2ND FLR	3	3	18-Sep-13	20-Sep-13				I : TOILET ACCESSORIES
4720	FINAL PAINT - BLDG. B 2ND FLR	10	10	24-Sep-13	07-Oct-13				I : FINAL PAINT - BLDG. B
4750	TEST & BALANCE FLOOR - BLDG. B 2ND FLR	5	5	01-Oct-13	07-Oct-13				I : TEST & BALANCE FLO
4309	AREA PUNCHLIST FLOOR (RCL) - BLDG. B 2ND FLR	10	10	01-Oct-13	14-Oct-13				I : AREA PUNCHLIST FLO
<b>ALL AREAS</b>									
12100	INSTALL SIGNAGE - BLDG. A AND B ADDITIONS	10	10	24-Sep-13	07-Oct-13				I : INSTALL SIGNAGE - BU
5600	PHASE 1 - NEW ADDITION FINAL PUNCHLIST/COMMISIONING	19	19	01-Nov-13	28-Nov-13				I : PHASE 1 : NEW ADD
5720	PHASE 1 - NEW ADDITIONS TCO	0	0		28-Nov-13				I : PHASE 1 : NEW ADD
5500	PHASE 1 - MOVE-IN/SERVICE GARAGE & HAIRDRESSER RELOCATIONS	6	6	23-Dec-13	31-Dec-13				I : PHASE 1 : MOVE-IN
5930	PHASE 1 - OWNER MOVE-IN ADDITIONS	6	6	23-Dec-13*	31-Dec-13				I : PHASE 1 - OWNER I
<b>PHASE 2</b>									
<b>PHASE 2 PARKING LOT</b>									
11820	COMPLETE DRAINAGE PIPING/STRUCTURES - PHASE 2 SITEWORK	10	10	18-Jul-13	31-Jul-13				I : COMPLETE DRAINAGE P
11830	SITE LIGHTING CONDUIT - PHASE 2 SITEWORK	5	5	25-Jul-13	31-Jul-13				I : SITE LIGHTING CONDUIT
11840	ROUGH GRADE SITE - PHASE 2 PARKING LOT/SITEWORK	10	10	01-Aug-13	14-Aug-13				I : ROUGH GRADE SITE - P
11850	C.I.P. INTEGRAL WALK/CURBS - PHASE 2 PARKING LOT/SITEWORK	20	20	15-Aug-13	12-Sep-13				I : C.I.P. INTEGRAL WALK/
11800	SEAT WALL FOUNDATIONS - PHASE 2 SITEWORK	8	8	26-Aug-13	05-Sep-13				I : SEAT WALL FOUNDATIO
11810	SEAT WALL BRICK/SLATE CAP - PHASE 2 SITEWORK	5	5	06-Sep-13	12-Sep-13				I : SEAT WALL BRICK/SLA
11880	BALANCE OF SIDEWALKS - PHASE 2 PARKING LOT	15	15	13-Sep-13	03-Oct-13				I : BALANCE OF SIDEWAL
11860	BITUMINOUS PAVING - PHASE 2 PARKING LOT	4	4	27-Sep-13	02-Oct-13				I : BITUMINOUS PAVING -
11870	BITUMINOUS CURBING - PHASE 2 PARKING LOT	1	1	03-Oct-13	03-Oct-13				I : BITUMINOUS CURBING
11890	SET SITE LIGHTING POLES - PHASE 2 PARKING LOT	5	5	04-Oct-13	10-Oct-13				I : SET SITE LIGHTING POL
11900	SPREAD LOAM - PHASE 2 PARKING LOT	5	5	04-Oct-13	10-Oct-13				I : SPREAD LOAM - PHAS
11910	PLANTINGS/LANDSCAPE - PHASE 2 PARKING LOT	15	15	11-Oct-13	31-Oct-13				I : PLANTINGS/LANDSCA
<b>PHASE 2 SHOP WING RENOVATIONS</b>									
<b>EXTERIOR WALL</b>									
9920	INSTALL ROOF FRAMES - STRUCTURAL STEEL - PHASE 2 RENO	3	3	15-Jan-13	17-Jan-13				I : INSTALL ROOF FRAMES - STRU
9710	REMOVE ROOFING - PHASE 2 RENO	5	5	15-Jan-13	21-Jan-13				I : REMOVE ROOFING - PHASE 2 F
9730	INSTALL MTL ROOF DECKING @ EDGE OF ROOF - PHASE 2 RENO	5	5	22-Jan-13	28-Jan-13				I : INSTALL MTL ROOF DECKING @
9680	CMU BACK-UP/BRICK VENEER - PHASE 2 RENO	10	10	28-Jan-13	08-Feb-13				I : CMU BACK-UP/BRICK VENEER
9720	METAL STUD FRAMING AT PARAPET - PHASE 2 RENO	8	8	29-Jan-13	07-Feb-13				I : METAL STUD FRAMING AT PAR
9690	ALUM. FRAMED STOREFRONT/WINDOWS - PHASE 2 RENO	15	15	04-Feb-13	22-Feb-13				I : ALUM. FRAMED STOREFRONT
9800	SET RTU CURBS - PHASE 2 RENO	4	4	20-Feb-13	25-Feb-13				I : SET RTU CURBS - PHASE 2 RE
9740	METAL FASCIA PANELS - PHASE 2 RENO	10	10	25-Feb-13	08-Mar-13				I : METAL FASCIA PANELS - PHA
9750	NEW ROOF - PHASE 2 RENO	5	5	26-Feb-13	04-Mar-13				I : NEW ROOF - PHASE 2 RENO

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<b>INTERIOR FIT-OUT</b>									
9520	OWNER VACATE SPACE - PHASE 2 RENO	5	5	21-Dec-12	28-Dec-12				
9530	ABATEMENT / DEMOLITION - PHASE 2 RENO	10	10	31-Dec-12	14-Jan-13				
9540	SAWCUT & REMOVE SLAB ON GRADE - PHASE 2 RENO	5	5	15-Jan-13	21-Jan-13				
9770	MASS EXCAVATE - MEZZANINE FOUNDATIONS - PHASE 2 RENO	4	4	22-Jan-13	25-Jan-13				
9780	EXCAVATE FOR SEWAGE EJECTOR - PHASE 2 RENO	1	1	25-Jan-13	25-Jan-13				
9790	PLACE SEWAGE EJECTOR PAD - PHASE 2 RENO	2	2	28-Jan-13	29-Jan-13				
9830	SET SEWAGE EJECTOR - PHASE 2 RENO	1	1	30-Jan-13	30-Jan-13				
9840	BACKFIL SEWAGE EJECTOR - PHASE 2 RENO	1	1	31-Jan-13	31-Jan-13				
9860	MEZZANINE FOUNDATIONS - PHASE 2 RENO	10	10	01-Feb-13	14-Feb-13				
9870	BACKFILL MEZZANINE FOUNDATIONS - PHASE 2 RENO	3	3	15-Feb-13	19-Feb-13				
9850	U/SLAB PLUMBING @ PIT - PHASE 2 RENO	2	2	20-Feb-13	21-Feb-13				
9890	U/SLAB PLUMBING - PHASE 2 RENO	5	5	20-Feb-13	26-Feb-13				
9760	R.I. OVERHEAD STORM DRAINS - PHASE 2 RENO	4	4	25-Feb-13	28-Feb-13				
9900	BACKFILL PLUMBING/SLAB & PREP F/SLAB (VAPOR BARRIER) - PHASE 2 RENO	3	3	27-Feb-13	01-Mar-13				
9880	PIT SLAB - PHASE 2 RENO	2	2	04-Mar-13	05-Mar-13				
9910	SLAB ON GRADE RESTORATION / PLACEMENT - PHASE 2 RENO	2	2	04-Mar-13	05-Mar-13				
9810	R.I. IN-WALL PLUMBING - PHASE 2 RENO	5	5	06-Mar-13	12-Mar-13				
9930	R.I. IN-WALL FUEL BREECHING @ PIT - PHASE 2 RENO	5	5	06-Mar-13	12-Mar-13				
4805	DOOR FRAMES - PHASE 2 RENO	2	2	11-Mar-13	12-Mar-13				
9320	INTERIOR CMU WALLS - PHASE 2 RENO	15	15	13-Mar-13	02-Apr-13				
9330	PRIME PAINT - PHASE 2 RENO	3	3	03-Apr-13	05-Apr-13				
9550	MEZZANINE FRAMING/SHEATHING - RENO PHASE 2	5	5	03-Apr-13	09-Apr-13				
9470	FRAME SOFFITS/FLAT CEILING - PHASE 2 RENO	3	3	08-Apr-13	10-Apr-13				
4920	R.I. OVERHEAD HVAC DUCT - PHASE 2 RENO	5	5	08-Apr-13	12-Apr-13				
5430	R.I. OVERHEAD SPRINKLER - PHASE 2 RENO	5	5	15-Apr-13	19-Apr-13				
9300	R.I. OVERHEAD ELECTRICAL - PHASE 2 RENO	5	5	15-Apr-13	19-Apr-13				
4785	R.I. OVERHEAD HVAC PIPING - PHASE 2 RENO	5	5	15-Apr-13	19-Apr-13				
4795	HANG VAV'S/HVAC EQUIP. - PHASE 2 RENO	5	5	15-Apr-13	19-Apr-13				
4855	SHEETROCK SOFFITS/CEILINGS - PHASE 2 RENO	3	3	18-Apr-13	22-Apr-13				
4815	TIE-IN HVAC PIPING AT VAV'S/EQUIP. - PHASE 2 RENO	2	2	22-Apr-13	23-Apr-13				
4865	TAPE SOFFITS/CEILINGS - PHASE 2 RENO	3	3	22-Apr-13	24-Apr-13				
9510	PRIME PAINT @ GYP. SOFFITS - PHASE 2 RENO	1	1	25-Apr-13	25-Apr-13				
9310	INSULATE DUCT/PIPING - PHASE 2 RENO	5	5	29-Apr-13	03-May-13				
9370	SPRINKLER DROPS @ GRID - PHASE 2 RENO	4	4	02-May-13	07-May-13				
9340	CEILING GRID - PHASE 2 RENO	2	2	06-May-13	07-May-13				
9350	RGD's @ CEILING GRID - PHASE 2 RENO	4	4	08-May-13	13-May-13				

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9360	LIGHT FIXTURES @ CEILING GRID - PHASE 2 RENO	5	5	08-May-13	14-May-13				
9420	ELEC. DEVICES / PLATES - PHASE 2 RENO	5	5	08-May-13	14-May-13				
4449	INSTALL LIGHT FIXTURES IN OPEN AREAS - PHASE 2 RENO	5	5	08-May-13	14-May-13				
4439	INSTALL LOCKERS - PHASE 2 RENO	4	4	10-May-13	15-May-13				
9450	CERAMIC TILE TOILETS - PHASE 2 RENO	5	5	10-May-13	16-May-13				
9410	MILLWORK / CASEWORK - PHASE 2 RENO	4	4	15-May-13	20-May-13				
9820	PAINT EXPOSED CEILINGS - PHASE 2 RENO	5	5	15-May-13	21-May-13				
9460	PLMG FIXTURES - TOILETS - PHASE 2 RENO	3	3	17-May-13	21-May-13				
9390	INSTALL DOORS / HARDWARE - PHASE 2 RENO	5	5	21-May-13	27-May-13				
9380	CEILING TILE - PHASE 2 RENO	1	1	22-May-13	22-May-13				
9480	TOILET PARTITIONS - PHASE 2 RENO	1	1	22-May-13	22-May-13				
9430	CARPET / RESILIENT - PHASE 2 RENO	10	10	22-May-13	04-Jun-13				
9490	TOILET ACCESSORIES - PHASE 2 RENO	1	1	23-May-13	23-May-13				
9500	INSTALL MIRRORS - PHASE 2 RENO	1	1	23-May-13	23-May-13				
12110	INSTALL SIGNAGE - PHASE 2 RENO	1	1	23-May-13	23-May-13				
9400	FINAL PAINT - PHASE 2 RENO	3	3	23-May-13	27-May-13				
9440	TEST & BALANCE FLOOR - PHASE 2 RENO	2	2	28-May-13	29-May-13				
4429	PUNCHLIST FLOOR - PHASE 2 RENO	5	5	05-Jun-13	11-Jun-13				
5920	PHASE 2 - RELOCATION/MOVE-IN RENOVATED SPACE	5	5	12-Jun-13	18-Jun-13				

**PHASE 3**

**PHASE 3 2 STORY CLASSROOM WING RENOVATIONS**

**ABATEMENT & DEMO/SITWORK/FOUNDATIONS/STRUCTURE**

5990	OWNER VACATE 2 STORY CLASSROOM WING PH3	5	5	23-Dec-13	30-Dec-13				
12180	REMOVE/RELOCATE MILLWORK @ HAIRDRESSING - 2 STORY CLASSROOM WING ...	5	5	31-Dec-13	07-Jan-14				
5940	ABATEMENT/SELECTIVE DEMOLITION - 2 STORY WING 1ST & 2ND FLOORS PH3	30	30	02-Jan-14	12-Feb-14				
5970	PCB/WINDOW GLAZING ABATEMENT @ WEST SIDE 2 STORY WING PH3	15	15	08-Jan-14	28-Jan-14				
5980	PCB SOILS REMEDIATION @ WEST SIDE 2 STORY WING PH3 XAA LINE	5	5	29-Jan-14	04-Feb-14				
12160	TEMP. WEATHRTIGHT BARRIER - XAA LINE WEST EXTR. WALL 2 STORY WING PH3	5	5	29-Jan-14	04-Feb-14				
6000	NEW FOUNDATIONS @ WEST SIDE 2 STORY WING PH3	30	30	05-Feb-14	18-Mar-14				
6030	SAWCUT & REMOVE CONC. SLAB @ EAST EXTR. WALL 2 STORY WING PH3	5	5	06-Feb-14	12-Feb-14				
6040	EXCAVATE FOR NEW FNDS @ EAST SIDE 2 STORY WING PH3	5	5	10-Feb-14	14-Feb-14				
6070	2ND FLR ST. STEEL FRAMING - AHU SUPPORT STEEL - 2 STORY WING PH3	10	10	13-Feb-14	26-Feb-14				
6020	NEW FOUNDATIONS @ EAST SIDE 2 STORY WING PH3	15	15	17-Feb-14	07-Mar-14				
6090	SPRAY FIREPROOFING 1ST FLR - 2 STORY WING RENO PH3	4	4	27-Feb-14	04-Mar-14				
6050	BACKFILL FOUNDATIONS @ EAST SIDE 2 STORY WING PH3	5	5	05-Mar-14	11-Mar-14				
6010	STEEL GIRT SYSTEM @ WEST SIDE KNEE WALL 2 STORY WING PH3	15	15	13-Mar-14	02-Apr-14				
6060	STRUCUTRAL STEEL FRAMING @ 2 STORY WING PH3	20	20	03-Apr-14	30-Apr-14				

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<b>EXTERIOR WALL</b>									
5960	STRIP ROOFING @ ROOF EDGE - 2 STORY WING RENO PH3	5	5	13-Feb-14	19-Feb-14				STRIP ROOFING @
6260	PARAPET FRAMING/SHEATHING - 2 STORY WING RENO PH3	10	10	20-Feb-14	05-Mar-14				PARAPET FRAMIN
6320	RE-ROOFING - 2 STORY WING RENO PH3	10	10	06-Mar-14	19-Mar-14				RE-ROOFING - 2
6250	CMU BACK-UP EXTR. WALL - 2 STORY WING RENO PH3	20	20	20-Mar-14	16-Apr-14				CMU BACK-UP E
6270	VAPOR BARRIER/BRICK VENEER - 2 STORY WING RENO PH3	20	20	02-Apr-14	29-Apr-14				VAPOR BARRIE
6280	WINDOWS/CURTAINWALL - 2 STORY WING RENO PH3	25	25	16-Apr-14	20-May-14				WINDOWS/CUR
6300	FRAME BEAM ENCLOSURES @ SUNSCREEN - 2 STORY WING RENO PH3	10	10	21-May-14	03-Jun-14				FRAME BEAM
6290	METAL PANELS - 2 STORY WING RENO PH3	5	5	04-Jun-14	10-Jun-14				METAL PANEL
6310	PERFORATED ALUM. SUNSHADE - 2 STORY WING RENO PH3	10	10	11-Jun-14	24-Jun-14				PERFORATED
<b>INTERIOR FIT-OUT</b>									
<b>2ND FLOOR</b>									
8350	LAYOUT FLOOR & TOP TRACK - 2ND FLR 2 STORY WING RENO PH3	2	2	13-Feb-14	14-Feb-14				LAYOUT FLOOR &
8320	R.I OVERHEAD STORM DRAIN PIPING - 2ND FLR 2 STORY WING RENO PH3	10	10	13-Feb-14	26-Feb-14				R.I OVERHEAD ST
8360	R.I. OVERHEAD HVAC DUCT - 2ND FLR 2 STORY WING RENO PH3	10	10	17-Feb-14	28-Feb-14				R.I. OVERHEAD H
10370	R.I. PLUMBING IN WALL - 2ND FLR 2 STORY WING RENO PH3	10	10	17-Feb-14	28-Feb-14				R.I. PLUMBING IN
10090	R.I. OVERHEAD SPRINKLER - 2ND FLR 2 STORY WING RENO PH3	10	10	24-Feb-14	07-Mar-14				R.I. OVERHEAD S
4935	R.I. OVERHEAD HVAC PIPING - 2ND FLR 2 STORY WING RENO PH3	10	10	24-Feb-14	07-Mar-14				R.I. OVERHEAD H
10100	R.I. OVERHEAD PLUMBING - 2ND FLR 2 STORY WING RENO PH3	10	10	24-Feb-14	07-Mar-14				R.I. OVERHEAD P
10110	R.I. OVERHEAD ELECT. CONDUIT/RACEWAY - 2ND FLR 2 STORY WING RENO PH3	15	15	24-Feb-14	14-Mar-14				R.I. OVERHEAD E
6220	AHU HOUSKEEPING PADS - 2ND FLR 2 STORY CLASSROOM WING PH3	4	4	27-Feb-14	04-Mar-14				AHU HOUSKEEPI
10380	PLUMBING INSPECTION IN WALL - 2ND FLR 2 STORY WING RENO PH3	1	1	03-Mar-14	03-Mar-14				PLUMBING INSPE
4945	HANG VAV'S/HVAC EQUIP. - 2ND FLR 2 STORY WING RENO PH3	5	5	03-Mar-14	07-Mar-14				HANG VAV'S/HVA
4955	SET DOOR FRAMES - 2ND FLR 2 STORY WING RENO PH3	5	5	03-Mar-14	07-Mar-14				SET DOOR FRAM
10130	CMU WALLS - 2ND FLR 2 STORY WING RENO PH3	15	15	03-Mar-14	21-Mar-14				CMU WALLS - 2N
6240	SET AHU'S - 2ND FLR 2 STORY CLASSROOM WING PH3	1	1	05-Mar-14	05-Mar-14				SET AHU'S - 2ND
4965	TIE-IN HVAC PIPING AT VAV'S/EQUIP. - 2ND FLR 2 STORY WING RENO PH3	5	5	10-Mar-14	14-Mar-14				TIE-IN HVAC PIP
10140	R.I. IN-WALL ELECTRIC @ CMU - 2ND FLR 2 STORY WING RENO PH3	10	10	10-Mar-14	21-Mar-14				R.I. IN-WALL ELE
10340	INSULATE DUCT/PIPING - 2ND FLR 2 STORY WING RENO PH3	15	15	10-Mar-14	28-Mar-14				INSULATE DUCT
10350	STUD FRAME WALLS - 2ND FLR 2 STORY WING RENO PH3	10	10	17-Mar-14	28-Mar-14				STUD FRAME WA
10360	R.I. ELECTRIC IN WALL - 2ND FLR 2 STORY WING RENO PH3	10	10	31-Mar-14	11-Apr-14				R.I. ELECTRIC IN
10390	ELECTRICAL INSPECTION IN WALL - 2ND FLR 2 STORY WING RENO PH3	1	1	14-Apr-14	14-Apr-14				ELECTRICAL INS
10400	SHEET ROCK WALLS - 2ND FLR 2 STORY WING RENO PH3	10	10	30-Apr-14	13-May-14				SHEET ROCK V
10410	TAPE SHEET ROCK - 2ND FLR 2 STORY WING RENO PH3	10	10	05-May-14	16-May-14				TAPE SHEET R
10420	FRAME SOFFITS/FLAT CEILINGS - 2ND FLR 2 STORY WING RENO PH3	8	8	09-May-14	20-May-14				FRAME SOFFIT
10430	R.I. OVERHEAD TELE/DATA - 2ND FLR 2 STORY WING RENO PH3	10	10	14-May-14	27-May-14				R.I. OVERHEAD
10440	R.I. OVERHEAD ELEC. CABLE - 2ND FLR 2 STORY WING RENO PH3	10	10	14-May-14	27-May-14				R.I. OVERHEAD

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11070	CEILING TILE - 1ST FLR 2 STORY WING RENO PH3	10	10	16-Jul-14	29-Jul-14				█ CEILING TILE
11100	CARPET / RESILIENT - 1ST FLR 2 STORY WING RENO PH3	10	10	16-Jul-14	29-Jul-14				█ CARPET / RE
11120	FINAL PAINT - 1ST FLR 2 STORY WING RENO PH3	5	5	23-Jul-14	29-Jul-14				█ FINAL PAINT
11110	INSTALL ACOUSTIC WALL PANELS - 1ST FLR 2 STORY WING RENO PH3	4	4	24-Jul-14	29-Jul-14				█ INSTALL ACO
11130	TEST & BALANCE FLOOR - 1ST FLR 2 STORY WING RENO PH3	5	5	30-Jul-14	05-Aug-14				█ TEST & BAL
4519	AREA PUNCHLIST FLOOR (RCL) - 1ST FLR 2 STORY WING RENO PH3	5	5	30-Jul-14	05-Aug-14				█ AREA PUNC
<b>ALL AREAS</b>									
12120	INSTALL SIGNAGE - PHASE 3 2 STORY WING RENO	5	5	16-Jul-14	22-Jul-14				█ INSTALL SIG
4529	FINAL PUNCHLIST/COMMISSIONING - 2 STORY WING RENO PH3	10	10	06-Aug-14	19-Aug-14				█ FINAL PUNC
4539	OWNER FF&E INSTALL/MOVE-IN - 2 STORY WING RENO PH3	8	8	20-Aug-14	29-Aug-14				█ OWNER FF
4549	OWNER COMPLETE MOVE-IN 2 STORY WING PH3	0	0		29-Aug-14*				◆ OWNER CC
<b>PHASE 3 SHOP WING RENOVATIONS</b>									
<b>EXTERIOR WALL</b>									
10220	REMOVE ROOFING - PHASE 3 SHOP WING RENO	5	5	06-Mar-14	12-Mar-14				█ REMOVE ROOFIN
10240	INSTALL MTL ROOF DECKING @ EDGE OF ROOF - PHASE 3 SHOP WING RENO	5	5	13-Mar-14	19-Mar-14				█ INSTALL MTL RO
10280	REMOVE METAL ROOF DECK @ SKYLIGHTS - PHASE 3 SHOP WING RENO	3	3	20-Mar-14	24-Mar-14				█ REMOVE METAL
10230	METAL STUD FRAMING AT PARAPET - PHASE 3 SHOP WING RENO	8	8	20-Mar-14	31-Mar-14				█ METAL STUD FR
10190	CMU BACK-UP/BRICK VENEER - PHASE 3 SHOP WING RENO	10	10	20-Mar-14	02-Apr-14				█ CMU BACK-UP/B
10290	FRAME/SHEATH SKYLIGHT CURBS - PHASE 3 SHOP WING RENO	5	5	25-Mar-14	31-Mar-14				█ FRAME/SHEATH
10300	INSTALL SKYLIGHTS - PHASE 3 SHOP WING RENO	3	3	01-Apr-14	03-Apr-14				█ INSTALL SKYLIG
10200	ALUM. FRAMED STOREFRONT/WINDOWS - PHASE 3 SHOP WING RENO	10	10	03-Apr-14	16-Apr-14				█ ALUM. FRAMED
10210	INSTALL OVERHEAD DOORS - PHASE 3 SHOP WING RENO	10	10	03-Apr-14	16-Apr-14				█ INSTALL OVERH
10250	METAL FASCIA PANELS - PHASE 3 SHOP WING RENO	10	10	17-Apr-14	30-Apr-14				█ METAL FASCIA
10310	SET RTU CURBS - PHASE 3 SHOP WING RENO	4	4	21-Apr-14	24-Apr-14				█ SET RTU CURB
10260	NEW ROOF - PHASE 3 SHOP WING RENO	5	5	25-Apr-14	01-May-14				█ NEW ROOF - PH
<b>INTERIOR FIT-OUT</b>									
10030	OWNER VACATE SPACE - PHASE 3 SHOP WING RENO	6	6	05-Feb-14	12-Feb-14				█ OWNER VACATE S
10040	ABATEMENT/SELECTIVE DEMOLITION - PHASE 3 SHOP WING RENO	15	15	13-Feb-14	05-Mar-14				█ ABATEMENT/SEL
10050	SAWCUT & REMOVE SLAB ON GRADE - PHASE 3 SHOP WING RENO	5	5	06-Mar-14	12-Mar-14				█ SAWCUT & REMO
10150	SLAB/FND WALL REMOVAL @ NEW EXTR OPNGS. - PHASE 3 SHOP WING RENO	5	5	06-Mar-14	12-Mar-14				█ SLAB/FND WALL
10070	START EXCAVATION FOR U/SLAB PLMBG - PHASE 3 SHOP WING RENO	0	0	13-Mar-14					◆ START EXCAVAT
10160	INSTALL STEEL FRAMES AT NEW EXTR. DR. OPNGS. - PHASE 3 SHOP WING RENO	3	3	13-Mar-14	17-Mar-14				█ INSTALL STEEL F
10060	U/SLAB PLUMBING - PHASE 3 SHOP WING RENO	10	10	14-Mar-14	27-Mar-14				█ U/SLAB PLUMBIN
10170	SILL SLAB RESTORATION AT NEW EXTR. DR. OPNGS. - PHASE 3 SHOP WING RENO	5	5	18-Mar-14	24-Mar-14				█ SILL SLAB REST
10080	COMPLETE BACKFIL U/SLAB PLUMBING - PHASE 3 SHOP WING RENO	0	0		28-Mar-14				◆ COMPLETE BAC
10120	SLAB ON GRADE RESOTRATION - PHASE 3 SHOP WING RENO	5	5	31-Mar-14	04-Apr-14				█ SLAB ON GRADE
10180	STRUCTURAL STEEL ROOF FRAMING/DECKING - PHASE 3 SHOP WING RENO	8	8	02-Apr-14	11-Apr-14				█ STRUCTURAL S

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10000	TOILET ACCESSORIES - PHASE 3 SHOP WING RENO	3	3	22-Jul-14	24-Jul-14																																																	I	TOILET ACC		
10010	INSTALL MIRRORS - PHASE 3 SHOP WING RENO	1	1	24-Jul-14	24-Jul-14																																																	I	INSTALL MIR		
4459	FINAL PUNCHLIST/COMMISSIONING - PHASE 3 SHOP WING RENO	15	15	25-Jul-14	14-Aug-14																																																	I	FINAL PUNC		
5470	OWNER FF&E INSTALL/MOVE-IN PHASE 3 SHOP WING	5	5	15-Aug-14	21-Aug-14																																																	I	OWNER FF&		
11300	OWNER COMPLETE MOVE-IN PHASE 3 SHOP WING	0	0		21-Aug-14																																																	◆	OWNER CO		
<b>PHASE 3 FITNESS ROOM RENOVATIONS</b>																																																									
11310	PCB/ASBESTOS ABATEMENT - AREA C & NEW FITNESS ROOM AREA	20	20	01-Jul-13*	29-Jul-13																																																	I	PCB/ASBESTOS ABATEM		
5520	SELECTIVE DEMOLITION - FITNESS ROOM AREA	15	15	06-Mar-14	26-Mar-14																																																	I	SELECTIVE DEM		
11410	SAWCUT & REMOVE SLAB - FITNESS ROOM AREA	5	5	27-Mar-14	02-Apr-14																																																	I	SAWCUT & REM		
11420	EXCAVATE FOR U/SLAB PLUMBING - FITNESS ROOM AREA	3	3	03-Apr-14	07-Apr-14																																																	I	EXCAVATE FOR		
11430	U/SLAB PLUMBING - FITNESS ROOM AREA	5	5	08-Apr-14	14-Apr-14																																																	I	U/SLAB PLUMBI		
11440	BACKFILL U/SLAB PLUMBING - FITNESS ROOM AREA	3	3	15-Apr-14	17-Apr-14																																																	I	BACKFILL U/SLA		
11320	GRAVEL FILL F/NEW SLAB - FITNESS ROOM AREA	3	3	18-Apr-14	22-Apr-14																																																	I	GRAVEL FILL F/		
11330	NEW CONC. SLAB - FITNESS ROOM AREA	5	5	23-Apr-14	29-Apr-14																																																	I	NEW CONC. SL		
11340	CONCRETE INFILL @ BOILER RM TRENCH - FITNESS ROOM AREA	3	3	25-Apr-14	29-Apr-14																																																	I	CONCRETE INF		
11350	BOILEER ROOM HOUSKEEPING PADS - FITNESS ROOM AREA	3	3	30-Apr-14	02-May-14																																																	I	BOILEER ROOM		
11450	IN-WALL PLUMBING ROUGH-IN - FITNESS ROOM AREA	5	5	30-Apr-14	06-May-14																																																	I	IN-WALL PLUMI		
11360	EXTERIOR CMU BACK-UP - FITNESS ROOM AREA	6	6	30-Apr-14	07-May-14																																																	I	EXTERIOR CMU		
11390	STRUCTURAL STEEL - ROOF FRAMES	10	10	30-Apr-14	13-May-14																																																	I	STRUCTURAL S		
11400	STRUCTURAL STEEL - RTU-1 SUPPORT STEEL FITNESS AREA	10	10	30-Apr-14	13-May-14																																																	I	STRUCTURAL S		
11370	BRICK VENEER - FITNESS ROOM AREA	6	6	08-May-14	15-May-14																																																	I	BRICK VENEER		
11540	SET RTU CURB - FITNESS ROOM AREA	1	1	14-May-14	14-May-14																																																	I	SET RTU CURB		
11460	R.I. OVERHEAD STORM DRAINS - FITNESS ROOM AREA	10	10	14-May-14	27-May-14																																																	I	R.I. OVERHEA		
11380	WINDOWS - FITNESS ROOM AREA	5	5	16-May-14	22-May-14																																																	I	WINDOWS - FI		
11470	R.I. OVERHEAD HVAC DUCT - FITNESS ROOM AREA	15	15	21-May-14	10-Jun-14																																																	I	R.I. OVERHEA		
11490	R.I. OVERHEAD SPRINKLER - FITNESS ROOM AREA	15	15	21-May-14	10-Jun-14																																																	I	R.I. OVERHEA		
11480	RE-ROOFING - FITNESS ROOM AREA	10	10	28-May-14	10-Jun-14																																																	I	RE-ROOFING		
5145	R.I. OVERHEAD HVAC PIPING - FITNESS ROOM AREA	15	15	28-May-14	17-Jun-14																																																	I	R.I. OVERHEA		
5155	DOOR FRAMES - FITNESS ROOM AREA	5	5	04-Jun-14	10-Jun-14																																																	I	DOOR FRAME		
11510	R.I. OVERHEAD ELECTRICAL - FITNESS ROOM AREA	15	15	04-Jun-14	24-Jun-14																																																	I	R.I. OVERHEA		
11520	INTERIOR CMU WALLS - FITNESS ROOM AREA	7	7	05-Jun-14	13-Jun-14																																																	I	INTERIOR CM		
11500	SET HV-8 ROOF TOP UNIT - FITNESS ROOM AREA	1	1	11-Jun-14	11-Jun-14																																																	I	SET HV-8 ROC		
5165	HANG VAV'S/HVAC EQUIP. - FITNESS ROOM AREA	5	5	11-Jun-14	17-Jun-14																																																	I	HANG VAV'S/H		
11550	BLOCK FILLER @ CMU WALLS - FITNESS ROOM AREA	1	1	16-Jun-14	16-Jun-14																																																	I	BLOCK FILLER		
11610	FRAME SOFFITS/FLAT CEILINGS - FITNESS AREA	2	2	17-Jun-14	18-Jun-14																																																	I	FRAME SOFF		
11560	STUD FRAME WALLS - FITNESS AREA	5	5	17-Jun-14	23-Jun-14																																																	I	STUD FRAME		
5175	TIE-IN HVAC PIPING AT VAV'S/EQUIP. - FITNESS ROOM AREA	2	2	18-Jun-14	19-Jun-14																																																	I	TIE-IN HVAC P		

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<b>SITWORK</b>																																																																	
5530	PHASE 3A - REMOVE TEMPORARY PORTABLES	15	15	06-Aug-14*	26-Aug-14																																																												
11790	COMPLETE TEMP. PORTABLE REMOVAL	0	0		26-Aug-14																																																												
11930	COMPLETE DRAINAGE PIPING/STRUCTURES - PHASE 3 SITWORK	5	5	27-Aug-14	02-Sep-14																																																												
11940	SITE LIGHTING CONDUIT - PHASE 3 SITWORK	5	5	27-Aug-14	02-Sep-14																																																												
11950	ROUGH GRADE SITE - PHASE 3 PARKING LOT/SITWORK	10	10	03-Sep-14	16-Sep-14																																																												
11960	C.I.P. INTEGRAL WALK/CURBS - PHASE 3 PARKING LOT/SITWORK	15	15	17-Sep-14	07-Oct-14																																																												
12000	BITUMINOUS PAVING - PHASE 3 PARKING LOT	4	4	08-Oct-14	13-Oct-14																																																												
11990	BALANCE OF SIDEWALKS - PHASE 3 PARKING LOT	8	8	08-Oct-14	17-Oct-14																																																												
12010	BITUMINOUS CURBING - PHASE 3 PARKING LOT	1	1	14-Oct-14	14-Oct-14																																																												
12020	SET SITE LIGTING POLES - PHASE 3 PARKING LOT	5	5	15-Oct-14	21-Oct-14																																																												
12030	SPREAD LOAM - PHASE 3 PARKING LOT	3	3	20-Oct-14	22-Oct-14																																																												
12040	PLANTINGS/LANDSCAPE - PHASE 3 PARKING LOT	5	5	23-Oct-14	29-Oct-14																																																												
12050	RESTORE TEMP. LOT TO PRE EXISTING CONDITIONS - PHASE 3 SITWORK	5	5	30-Oct-14	05-Nov-14																																																												
5550	PROJECT SUBSTANTIAL COMPLETION	0	0		05-Nov-14																																																												

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<b>SUMMARY ITEMS</b>											
5090	PHASE 1 - TEMP. CONSTRUCTION LOT	10	10	25-Jan-12	07-Feb-12	01B					
5120	PHASE 1 - TEMP. PARKING LOT (SOUTH LOT)	20	20	25-Jan-12	21-Feb-12	01B					
5170	PHASE 1 - SITE UTILITIES	79	79	12-Mar-12	29-Jun-12	01B					
5130	PHASE 1 - TEMPORARY PORTABLES	63	63	05-Apr-12	03-Jul-12	01B					
5390	PHASE 1 - VACATE CLASSROOM WING	5	5	25-Jun-12	29-Jun-12	01B					
5140	PHASE 1 - EGRESSING ALTERATIONS	10	10	25-Jun-12	09-Jul-12	01B					
5180	PHASE 1 - RENOVATIONS	121	121	02-Jul-12	20-Dec-12	01B					
5270	PHASE 1 - MOVE-IN PORTABLES	5	5	05-Jul-12	11-Jul-12	01B					
5150	PHASE 1 - NORTH CLASSROOM WING ABATEMENT/DEMOLITION	54	54	12-Jul-12	26-Sep-12	01B					
5160	PHASE 1 - NEW ADDITIONS	337	337	06-Aug-12	28-Nov-13	01B					
5230	PHASE 1 - RELOCATION / MOVE-IN RENOVATED SPACE	5	5	21-Dec-12	28-Dec-12	01B					
5190	PHASE 2 - RENOVATIONS	116	116	31-Dec-12	11-Jun-13	01B					
5240	PHASE 2 - RELOCATION/MOVE-IN	5	5	12-Jun-13	18-Jun-13	01B					
5100	PHASE 2 - PARKING LOT	75	75	18-Jul-13	31-Oct-13	01B					
5250	PHASE 1 - MOVE-IN/SERVICE GARAGE & HAIRDRESSER RELOCATIONS	6	6	23-Dec-13	31-Dec-13	01B					
5110	PHASE 3 - RENOVATIONS	166	166	02-Jan-14	21-Aug-14	01B					
5200	PHASE 3A - REMOVE TEMPORARY PORTABLES	15	15	06-Aug-14	26-Aug-14	01B					
5260	PHASE 3 - RENOVATIONS FF&E INSTALL & MOVE-IN	13	13	13-Aug-14	29-Aug-14	01B					
5210	PHASE 3B TEMP. LOT REMOVAL / BALANCE OF SITEWORK	51	51	27-Aug-14	05-Nov-14	01B					
5220	SUBSTANTIAL COMPLETION	0	0		05-Nov-14	01B					
11920	INITIAL TESTING AND ACCEPTANCE PERIOD	73	73	06-Nov-14	16-Feb-15*	01B					
<b>SITework</b>											
110	AWARD CONTRACT - SITework	0	0	19-Jan-12		31A					
112	PREP/SUB SAMPLES FILL/BACKFILL	10	10	19-Jan-12	01-Feb-12	31A					
162	PREP/SUB/SD STORM/SUBDRAINAGE SYSTEM	10	10	19-Jan-12	01-Feb-12	31A					
172	PREP/SUB/SD DOM/FIRE WATER	10	10	19-Jan-12	01-Feb-12	31A					
182	PREP/SUB/SD SAN SEWER	10	10	19-Jan-12	01-Feb-12	31A					
212	PREP/SUB/SD - FENCE & GUARD RAIL	10	10	19-Jan-12	01-Feb-12	31A					
412	PREP/SUB SD - PAVING/STRIPE/SIGN	10	10	19-Jan-12	01-Feb-12	31A					
462	PREP/SUB/SD GRANITE CURBING	10	10	19-Jan-12	01-Feb-12	31A					
2312	PREP/SUB PD/SD/SAMPLES - FLAG POLES	10	10	19-Jan-12	01-Feb-12	31A					
2532	PREP/SUB PD/SD/SAMPLES - SITE SIGNAGE	10	10	19-Jan-12	01-Feb-12	31A					
118	MOBILIZE ON SITE - SITework	0	0	25-Jan-12		31A					
5360	PHASE 1 - TEMP. CONSTRUCTION LOT	10	10	25-Jan-12	07-Feb-12	31A					
5370	PHASE 1 - TEMP. PARKING LOT (SOUTH LOT)	20	20	25-Jan-12	21-Feb-12	31A					

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114	REV/APP SAMPLES FILL/BACKFILL	10	10	02-Feb-12	15-Feb-12	31A	I				
164	REV/APP STORM/SUBDRAINAGE SYSTEM	10	10	02-Feb-12	15-Feb-12	31A	I				
174	REV/APP/SD DOM/FIRE WATER	10	10	02-Feb-12	15-Feb-12	31A	I				
184	REV/APP/SD SAN SEWER	10	10	02-Feb-12	15-Feb-12	31A	I				
214	REV/APP/SD - FENCE & GUARD RAIL	10	10	02-Feb-12	15-Feb-12	31A	I				
414	REV/APP/SD-PAVING/STRIPE/SIGN	10	10	02-Feb-12	15-Feb-12	31A	I				
464	REV/APP/SD GRANITE CURBING	10	10	02-Feb-12	15-Feb-12	31A	I				
2314	REV/APP PD/SD/SAMPLES - FLAG POLES	10	10	02-Feb-12	15-Feb-12	31A	I				
2534	REV/APP PD/SD/SAMPLES - SITE SIGNAGE	10	10	02-Feb-12	15-Feb-12	31A	I				
116	DEL. FILL/BACKFILL MTL.	5	5	16-Feb-12	22-Feb-12	31A	I				
416	FAB/DEL MTL.-PAVING/STRIPE/SIGN	5	5	16-Feb-12	22-Feb-12	31A	I				
166	FAB/DEL STORM/SUBDRAINAGE PIPES	15	15	16-Feb-12	07-Mar-12	31A	I				
176	FAB/DEL DOM/FIRE PIPES	15	15	16-Feb-12	07-Mar-12	31A	I				
186	FAB/DEL SAN SEWER PIPES	15	15	16-Feb-12	07-Mar-12	31A	I				
216	FAB/DEL - FENCE & GUARD RAIL	15	15	16-Feb-12	07-Mar-12	31A	I				
2316	FAB/DEL FLAG POLES	30	30	16-Feb-12	28-Mar-12	31A	I				
466	FAB/DEL GRANITE CURBS	40	40	16-Feb-12	11-Apr-12	31A	I				
2536	FAB/DEL SITE SIGNAGE	40	40	16-Feb-12	11-Apr-12	31A	I				
8720	PHASE 1 - REMOVE BUMP-OUTS / ESTABLISH NEW CURB LINES	2	2	20-Feb-...	21-Feb-12	31A	I				
7850	PHASE 1 - EXCAV/BACKFILL U/GROUND ELEC. (3) - 4" CONDUITS TO NEW ...	5	5	12-Mar-12	16-Mar-12	31A	I				
5400	PHASE 1 - WATER LINE RELOCATION - NORTH SIDE	10	10	12-Mar-...	23-Mar-12	31A	I				
9260	PHASE 1 - NORTH SIDE DRAINAGE LINE / DETENTION BASIN	15	15	12-Apr-12	02-May-12	31A	I				
8930	PHASE 1 - TEMP. SERVICES TO NEW PORTABLES	15	15	26-Apr-12	16-May-12	31A	I				
9230	PHASE 1 - TEMP. PORTABLE SANITARY LINE/CONNECTION	15	15	26-Apr-12	16-May-12	31A	I				
9270	PHASE 1 - COMPLETE BALANCE OF UTILITIES	43	43	01-May-...	29-Jun-12	31A	I				
8700	PHASE 1 - WEST DRAINAGE @ PORTABLES	10	10	03-May-12	16-May-12	31A	I				
12290	PHASE 1 - DRAINAGE WEST SIDE 2 STORY CLASSROOM WING(S)	10	10	10-May-...	23-May-12	31A	I				
12170	PHASE 1 - SOILS PCB REMEDIATION XAD LINE EAST EXTR. WALL 2 STORY...	5	5	31-Jul-12	06-Aug-12	31A	I				
5560	PAD PREP/FOUNDATION EXCAVATION - BLDG. A ADDITION - A1 TO A22	10	10	06-Aug-12	17-Aug-12	31A	I				
8980	START EXCAVATION FOR U/SLAB PLMBG - PHASE 1 RENO	0	0	14-Aug-12		31A	I				
9010	START EXCAVATION FOR SPRAY BOOTH & MISC. FOUNDATIONS - PHASE ...	0	0	21-Aug-12		31A	I				
8990	COMPLETE BACKFIL U/SLAB PLUMBING - PHASE 1 RENO	0	0		29-Aug-12	31A	I				
9020	COMPLETE BACKFIL SPRAY BOOTH PIT FOUNDATIONS - PHASE 1 RENO	0	0		05-Sep-12	31A	I				
12260	COMPLETE DRAINAGE FROM/FOR 2 STORY CLASSROOM WING	5	5	27-Sep-12	03-Oct-12	31A	I				
12280	REMOVE STORM DRAINAGE PIPING FOR 2 STORY CLASSROOM WING	3	3	04-Oct-12	08-Oct-12	31A	I				
5630	PAD PREP/FOUNDATION EXCAVATION - BUILDING B ADDITION	5	5	11-Oct-12	17-Oct-12	31A	I				

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5860	6" CRUSHED STONE - BLDG. A ADDITION	10	10	09-Nov-12	23-Nov-12	31A					
5660	6" CRUSHED STONE - BUILDING B ADDITION	4	4	03-Jan-13	08-Jan-13	31A					
9770	MASS EXCAVATE - MEZZANINE FOUNDATIONS - PHASE 2 RENO	4	4	22-Jan-13	25-Jan-13	31A					
9780	EXCAVATE FOR SEWAGE EJECTOR - PHASE 2 RENO	1	1	25-Jan-13	25-Jan-13	31A					
9840	BACKFIL SEWAGE EJECTOR - PHASE 2 RENO	1	1	31-Jan-13	31-Jan-13	31A					
9870	BACKFILL MEZZANINE FOUNDATIONS - PHASE 2 RENO	3	3	15-Feb-13	19-Feb-13	31A					
9900	BACKFILL PLUMBING/SLAB & PREP F/SLAB (VAPOR BARRIER) - PHASE 2 R...	3	3	27-Feb-13	01-Mar-13	31A					
11820	COMPLETE DRAINAGE PIPING/STRUCTURES - PHASE 2 SITEWORK	10	10	18-Jul-13	31-Jul-13	31A					
11840	ROUGH GRADE SITE - PHASE 2 PARKING LOT/SITEWORK	10	10	01-Aug-13	14-Aug-13	31A					
11850	C.I.P. INTEGRAL WALK/CURBS - PHASE 2 PARKING LOT/SITEWORK	20	20	15-Aug-13	12-Sep-13	31A					
11880	BALANCE OF SIDEWALKS - PHASE 2 PARKING LOT	15	15	13-Sep-13	03-Oct-13	31A					
11860	BITUMINOUS PAVING - PHASE 2 PARKING LOT	4	4	27-Sep-13	02-Oct-13	31A					
11870	BITUMINOUS CURBING - PHASE 2 PARKING LOT	1	1	03-Oct-13	03-Oct-13	31A					
6040	EXCAVATE FOR NEW FNDS @ EAST SIDE 2 STORY WING PH3	5	5	10-Feb-14	14-Feb-14	31A					
6200	EXCAVATE U/SLAB PLUMBING - 2 STORY WING PH3	5	5	20-Feb-14	26-Feb-14	31A					
6050	BACKFILL FOUNDATIONS @ EAST SIDE 2 STORY WING PH3	5	5	05-Mar-14	11-Mar-14	31A					
10070	START EXCAVATION FOR U/SLAB PLMBG - PHASE 3 SHOP WING RENO	0	0	13-Mar-14		31A					
10080	COMPLETE BACKFIL U/SLAB PLUMBING - PHASE 3 SHOP WING RENO	0	0		28-Mar-14	31A					
11420	EXCAVATE FOR U/SLAB PLUMBING - FITNESS ROOM AREA	3	3	03-Apr-14	07-Apr-14	31A					
11440	BACKFILL U/SLAB PLUMBING - FITNESS ROOM AREA	3	3	15-Apr-14	17-Apr-14	31A					
11320	GRAVEL FILL F/NEW SLAB - FITNESS ROOM AREA	3	3	18-Apr-14	22-Apr-14	31A					
6330	EXCAVATE FOR U/SLAB UTILITIES - ANNEX BLDG.	3	3	01-May-14	05-May-14	31A					
6350	BACKFILL U/SLAB UTILITIES - ANNEX BLDG.	3	3	13-May-14	15-May-14	31A					
4599	EXTERIOR CONCRETE WALK AA.2 - AA.6 LINES - 2 STORY WING PH3	20	20	09-Jul-14	05-Aug-14	31A					
11930	COMPLETE DRAINAGE PIPING/STRUCTURES - PHASE 3 SITEWORK	5	5	27-Aug-14	02-Sep-14	31A					
11950	ROUGH GRADE SITE - PHASE 3 PARKING LOT/SITEWORK	10	10	03-Sep-14	16-Sep-14	31A					
11960	C.I.P. INTEGRAL WALK/CURBS - PHASE 3 PARKING LOT/SITEWORK	15	15	17-Sep-14	07-Oct-14	31A					
12000	BITUMINOUS PAVING - PHASE 3 PARKING LOT	4	4	08-Oct-14	13-Oct-14	31A					
11990	BALANCE OF SIDEWALKS - PHASE 3 PARKING LOT	8	8	08-Oct-14	17-Oct-14	31A					
12010	BITUMINOUS CURBING - PHASE 3 PARKING LOT	1	1	14-Oct-14	14-Oct-14	31A					
12050	RESTORE TEMP. LOT TO PRE EXISTING CONDITIONS - PHASE 3 SITEWORK	5	5	30-Oct-14	05-Nov-14	31A					
<b>LANDSCAPING</b>											
260	AWARD CONTRACT - LANDSCAPE/PLANTING	0	0	19-Jan-12		32A					
262	PREP/SUB MULCH SAMPLES	10	10	19-Jan-12	01-Feb-12	32A					
272	PREP/SUB PLANT SCHEDULE	10	10	19-Jan-12	01-Feb-12	32A					
282	PREP/SUB PD - TURF/GRASSES	10	10	19-Jan-12	01-Feb-12	32A					

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264	REV/APP MULCH SAMPLES	10	10	02-Feb-12	15-Feb-12	32A					
274	REV/APP PLANT SCHEDULE	10	10	02-Feb-12	15-Feb-12	32A					
284	REV/APP PD - TURF/GRASSES	10	10	02-Feb-12	15-Feb-12	32A					
286	DELIVER TURF/GRASSES	5	5	16-Feb-12	22-Feb-12	32A					
266	DELIVER MULCH	40	40	16-Feb-12	11-Apr-12	32A					
276	DELIVER PLANTS	40	40	16-Feb-12	11-Apr-12	32A					
268	MOBILIZE ON SITE - LANDSCAPE/PLANTING	0	0	04-Oct-13		32A					
11900	SPREAD LOAM - PHASE 2 PARKING LOT	5	5	04-Oct-13	10-Oct-13	32A					
11910	PLANTINGS/LANDSCAPE - PHASE 2 PARKING LOT	15	15	11-Oct-13	31-Oct-13	32A					
12030	SPREAD LOAM - PHASE 3 PARKING LOT	3	3	20-Oct-14	22-Oct-14	32A					
12040	PLANTINGS/LANDSCAPE - PHASE 3 PARKING LOT	5	5	23-Oct-14	29-Oct-14	32A					

### DEMOLITION & ABATEMENT

310	AWARD CONTRACT - DEMOLITION & ABATEMENT	0	0	19-Jan-12		02A					
312	PREP/SUB PROCEDURES/SD - DEMOLITION	10	10	19-Jan-12	01-Feb-12	02A					
314	REV/APP PROCEDURES/SD - DEMOLITION	10	10	02-Feb-12	15-Feb-12	02A					
316	FAB/DEL/MOBILIZE DEMOLITION	5	5	16-Feb-12	22-Feb-12	02A					
318	MOBILIZE ON SITE-DEMOLITION	0	0	25-Jun-12		02A					
6480	ABATE PCB'S/WINDOW REMOVAL/DEMOLITION ALONG XB1 LINE	10	10	25-Jun-12	09-Jul-12	02A					
8640	LEAD PAINT ABATEMENT ALONG XB1 LINE	10	10	25-Jun-12	09-Jul-12	02A					
8950	ABATEMENT / DEMOLITION - PHASE 1 RENO	25	25	02-Jul-12	06-Aug-12	02A					
9290	TEMPORARY PROTECTION @ WINDOW INFILLS	5	5	10-Jul-12	16-Jul-12	02A					
5490	PHASE 1 - PCB ABATEMENT XAD LINE EAST EXTR. WALL 2 STORY CLASS...	10	10	10-Jul-12	23-Jul-12	02A					
5590	ABATEMENT - NORTH CLASSROOM WING	30	30	12-Jul-12	22-Aug-12	02A					
5540	PHASE 1 - TEMPORARY INFILL WINDOW OPNG XAD LINE EAST EXTR. WAL...	5	5	24-Jul-12	30-Jul-12	02A					
8960	SAWCUT & REMOVE SLAB ON GRADE - PHASE 1 RENO	5	5	07-Aug-12	13-Aug-12	02A					
9060	SLAB/FND WALL REMOVAL @ NEW EXTR OPNGS. - PHASE 1 RENO	9	9	14-Aug-12	24-Aug-12	02A					
5580	DEMOLITION - NORTH CLASSROOM WING	24	24	23-Aug-12	26-Sep-12	02A					
9530	ABATEMENT / DEMOLITION - PHASE 2 RENO	10	10	31-Dec-12	14-Jan-13	02A					
9540	SAWCUT & REMOVE SLAB ON GRADE - PHASE 2 RENO	5	5	15-Jan-13	21-Jan-13	02A					
11310	PCB/ASBESTOS ABATEMENT - AREA C & NEW FITNESS ROOM AREA	20	20	01-Jul-13*	29-Jul-13	02A					
5940	ABATEMENT/SELECTIVE DEMOLITION - 2 STORY WING 1ST & 2ND FLOOR...	30	30	02-Jan-14	12-Feb-14	02A					
5970	PCB/WINDOW GLAZING ABATEMENT @ WEST SIDE 2 STORY WING PH3	15	15	08-Jan-14	28-Jan-14	02A					
5980	PCB SOILS REMEDIATION @ WEST SIDE 2 STORY WING PH3 XAA LINE	5	5	29-Jan-14	04-Feb-14	02A					
6030	SAWCUT & REMOVE CONC. SLAB @ EAST EXTR. WALL 2 STORY WING PH3	5	5	06-Feb-14	12-Feb-14	02A					
6100	SAWCUT & REMOVE CONC. SLAB FOR U/SLAB PLMBG - PH3	5	5	13-Feb-14	19-Feb-14	02A					
10040	ABATEMENT/SELECTIVE DEMOLITION - PHASE 3 SHOP WING RENO	15	15	13-Feb-14	05-Mar-14	02A					

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■ Remaining Level of Effort  
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Activity ID	Activity Name	Orig Dur	Rem Dur	ES	EF	BID PAC...	2012	2013	2014	2015	2016
10050	SAWCUT & REMOVE SLAB ON GRADE - PHASE 3 SHOP WING RENO	5	5	06-Mar-14	12-Mar-14	02A					
10150	SLAB/FND WALL REMOVAL @ NEW EXTR OPNGS. - PHASE 3 SHOP WING ...	5	5	06-Mar-14	12-Mar-14	02A					
5520	SELECTIVE DEMOLITION - FITNESS ROOM AREA	15	15	06-Mar-14	26-Mar-14	02A					
11410	SAWCUT & REMOVE SLAB - FITNESS ROOM AREA	5	5	27-Mar-14	02-Apr-14	02A					
5510	ABATEMENT/SELECTIVE DEMOLITION - ANNEX BLDG.	20	20	27-Mar-14	23-Apr-14	02A					
5950	SAWCUT & REMOVE SLAB FOR U/SLAB UTILITIES - ANNEX BLDG.	5	5	24-Apr-14	30-Apr-14	02A					
6360	SAWCUT & REMOVE FOUNDATION WALL FOR OH DOOR OPNGS. - ANNEX ...	6	6	01-May-14	08-May-14	02A					
<b>CONCRETE</b>											
510	AWARD CONTRACT - CONCRETE	0	0	19-Jan-12		03A					
512	PREP/SUB SD - REBAR	10	10	19-Jan-12	01-Feb-12	03A					
522	PREP/SUB CONC. MIX DESIGN	10	10	19-Jan-12	01-Feb-12	03A					
1122	PREP/SUB PD/SD - WATER/DAMPPROOFING	10	10	19-Jan-12	01-Feb-12	03A					
514	REV/APP SD - REBAR	10	10	02-Feb-12	15-Feb-12	03A					
524	REV/APP CONC. MIX DESIGN	10	10	02-Feb-12	15-Feb-12	03A					
1124	REV/APP PD/SD - WATER/DAMPPROOFING	10	10	02-Feb-12	15-Feb-12	03A					
516	FAB/DEL REBAR	10	10	16-Feb-12	29-Feb-12	03A					
1126	FAB/DEL WATER/DAMPPROOFING	10	10	16-Feb-12	29-Feb-12	03A					
518	MOBILIZE ON SITE - CONCRETE	0	0	20-Aug-12		03A					
5840	FOUNDATIONS - BLDG. A ADDITION - AA TO AE AND A1 TO A20 LINES	25	25	20-Aug-12	24-Sep-12	03A					
9000	MISC. & SPRAY BOOTH PIT FOUNDATIONS - PHASE 1 RENO	10	10	21-Aug-12	04-Sep-12	03A					
9030	SLAB ON GRADE RESOTRATION & SLAB CLOSURES - PHASE 1 RENO	5	5	06-Sep-12	12-Sep-12	03A					
9080	SILL SLAB RESTORATION AT NEW EXTR. DR. OPNGS. - PHASE 1 RENO	5	5	11-Sep-12	17-Sep-12	03A					
9050	CONCRETE PAD F/DUCT COLLECTOR - PHASE 1 RENO	5	5	18-Sep-12	24-Sep-12	03A					
5570	FOUNDATIONS - BLDG. A ADDITION - AE TO AT LINES	20	20	25-Sep-12	22-Oct-12	03A					
5620	FOUNDATIONS - BLDG. A ADDITION - AA TO AE A20 TO A31 LINES	15	15	27-Sep-12	17-Oct-12	03A					
5640	FOUNDATIONS - BUILDING B ADDITION BA TO BD LINES	40	40	18-Oct-12	13-Dec-12	03A					
5870	SOG VAPOR BARRIER - BLDG. A ADDITION	10	10	14-Nov-12	28-Nov-12	03A					
5880	FORM ISOLATION JOINT/DIAMONDS @ COLUMNS - BLDG. A ADDITION	10	10	19-Nov-12	03-Dec-12	03A					
5890	SOG MESH/REINFORCING - BLDG. A ADDITON	10	10	21-Nov-12	05-Dec-12	03A					
5900	SOG CONCRETE PLACEMENT - BLDG. A ADDITION	10	10	26-Nov-12	07-Dec-12	03A					
5910	SAWCUT SOG - BLDG. A ADDITION	3	3	10-Dec-12	12-Dec-12	03A					
5670	SOG VAPOR BARRIER - BUILDING B ADDITION	4	4	09-Jan-13	14-Jan-13	03A					
5740	FORM ISOLATION JOINT/DIAMONDS @ COLUMNS - BUILDING B ADDITION	5	5	15-Jan-13	21-Jan-13	03A					
5680	SOG MESH/REINFORCING - BUILDING B ADDITON	4	4	18-Jan-13	23-Jan-13	03A					
5700	SOG CONCRETE PLACEMENT - BUILDING B ADDITION	1	1	24-Jan-13	24-Jan-13	03A					
5710	SAWCUT SOG - BUILDING B ADDITION	2	2	25-Jan-13	28-Jan-13	03A					

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Activity ID	Activity Name	Orig Dur	Rem Dur	ES	EF	BID PAC...	2012	2013	2014	2015	2016
9790	PLACE SEWAGE EJECTOR PAD - PHASE 2 RENO	2	2	28-Jan-13	29-Jan-13	03A					
9860	MEZZANINE FOUNDATIONS - PHASE 2 RENO	10	10	01-Feb-13	14-Feb-13	03A					
6120	GROUT BASE PLATES - BLDG. A ADDITION	5	5	25-Feb-13	01-Mar-13	03A					
6170	SOMD MESH/REINFORCING - BLDG. A ADDITION	10	10	26-Feb-13	11-Mar-13	03A					
9880	PIT SLAB - PHASE 2 RENO	2	2	04-Mar-13	05-Mar-13	03A					
9910	SLAB ON GRADE RESTORATION / PLACEMENT - PHASE 2 RENO	2	2	04-Mar-13	05-Mar-13	03A					
6180	2ND LVL SOMD CONCRETE PLACEMENT - BLDG. A ADDITION	10	10	05-Mar-13	18-Mar-13	03A					
5770	GROUT BASE PLATES - BUILDING B ADDITION	5	5	13-Mar-13	19-Mar-13	03A					
6190	PLACE CONCRETE @ DIAMONDS - BLDG. A ADDITION	5	5	19-Mar-13	25-Mar-13	03A					
8330	FORM/PLACE CONC. HOUSEKEEPING PADS 1ST/2ND LEVEL - BLDG. A AD...	5	5	19-Mar-13	25-Mar-13	03A					
5780	SOMD MESH/REINFORCING - BUILDING B ADDITION	4	4	22-Mar-13	27-Mar-13	03A					
5830	2ND LVL SOMD CONCRETE PLACEMENT - BUILDING B ADDITION	1	1	28-Mar-13	28-Mar-13	03A					
5750	PLACE CONCRETE @ DIAMONDS - BUILDING B ADDITION	5	5	29-Mar-13	04-Apr-13	03A					
11800	SEAT WALL FOUNDATIONS - PHASE 2 SITEWORK	8	8	26-Aug-13	05-Sep-13	03A					
6000	NEW FOUNDATIONS @ WEST SIDE 2 STORY WING PH3	30	30	05-Feb-14	18-Mar-14	03A					
6020	NEW FOUNDATIONS @ EAST SIDE 2 STORY WING PH3	15	15	17-Feb-14	07-Mar-14	03A					
6220	AHU HOUSEKEEPING PADS - 2ND FLR 2 STORY CLASSROOM WING PH3	4	4	27-Feb-14	04-Mar-14	03A					
6230	RESTORE CONC. SOG - 2 STORY WING PH3	5	5	12-Mar-14	18-Mar-14	03A					
10170	SILL SLAB RESTORATION AT NEW EXTR. DR. OPNGS. - PHASE 3 SHOP WI...	5	5	18-Mar-14	24-Mar-14	03A					
10120	SLAB ON GRADE RESTORATION - PHASE 3 SHOP WING RENO	5	5	31-Mar-14	04-Apr-14	03A					
6370	UNDERPINNING FOR NEW UTILITIES - ANNEX BLDG.	10	10	10-Apr-14	23-Apr-14	03A					
11330	NEW CONC. SLAB - FITNESS ROOM AREA	5	5	23-Apr-14	29-Apr-14	03A					
11340	CONCRETE INFILL @ BOILER RM TRENCH - FITNESS ROOM AREA	3	3	25-Apr-14	29-Apr-14	03A					
11350	BOILER ROOM HOUSEKEEPING PADS - FITNESS ROOM AREA	3	3	30-Apr-14	02-May-14	03A					
10450	RESTORE CONC. SLAB @ NEW UTILITIES - ANNEX BLDG.	4	4	16-May-14	21-May-14	03A					
10540	RESTORE SLAB @ NEW OH DOOR OPNGS - ANNEX BLDG.	4	4	30-May-14	04-Jun-14	03A					
<b>MASONRY</b>											
710	AWARD CONTRACT - MASONRY	0	0	19-Jan-12		04A					
662	PREP/SUB PD/SD - ARCH. PRECAST	10	10	19-Jan-12	01-Feb-12	04A					
712	PREP/SUB SAMPLE MORTAR	10	10	19-Jan-12	01-Feb-12	04A					
722	PREP/SUB PD/SD/SAMPLE - ANCHORS/REINFORCING	10	10	19-Jan-12	01-Feb-12	04A					
732	PREP/SUB COLOR SAMPLES BRICK	10	10	19-Jan-12	01-Feb-12	04A					
762	PREP/SUB PD/SD - STONE	10	10	19-Jan-12	01-Feb-12	04A					
772	PREP/SUB PD/SD - AIR/VAPOR BARRIER	10	10	19-Jan-12	01-Feb-12	04A					
664	REV/APP PD/SD - ARCH. PRECAST	10	10	02-Feb-12	15-Feb-12	04A					
714	REV/APP SAMPLE MORTAR	10	10	02-Feb-12	15-Feb-12	04A					

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724	REV/APP PD/SD/SAMPLE - ANCHORS/REINFORCING	10	10	02-Feb-12	15-Feb-12	04A					
734	REV/APP COLOR SAMPLES BRICK	10	10	02-Feb-12	15-Feb-12	04A					
764	REV/APP PD/SD - STONE	10	10	02-Feb-12	15-Feb-12	04A					
774	REV/APP PD/SD - AIR/VAPOR BARRIER	10	10	02-Feb-12	15-Feb-12	04A					
776	FAB/DEL AIR/VAPOR BARRIER	5	5	16-Feb-12	22-Feb-12	04A					
716	FAB/DEL UNIT MASONRY/BASIC MATERIALS	10	10	16-Feb-12	29-Feb-12	04A					
736	FAB/DEL BRICKS	30	30	16-Feb-12	28-Mar-12	04A					
666	FAB/DEL ARCH. PRECAST	50	50	16-Feb-12	25-Apr-12	04A					
766	FAB/DEL STONE	50	50	16-Feb-12	25-Apr-12	04A					
718	MOBILIZE ON SITE - MASONRY	0	0	14-Aug-12		04A					
6540	4" SOLID CMU / 8" CMU INFIL @ XB1 LINE	10	10	14-Aug-12	27-Aug-12	04A					
9100	CMU BACK-UP/BRICK VENEER - PHASE 1 RENO	20	20	04-Sep-12	01-Oct-12	04A					
4705	DOOR FRAMES - PHASE 1 RENO	5	5	01-Oct-12	05-Oct-12	04A					
8670	INTERIOR CMU WALLS - PHASE 1 RENO	20	20	02-Oct-12	29-Oct-12	04A					
9680	CMU BACK-UP/BRICK VENEER - PHASE 2 RENO	10	10	28-Jan-13	08-Feb-13	04A					
6780	CMU BACK-UP @ STAIR A4 - BLDG. A ADDITION AA TO AE LINES	7	7	25-Feb-13	05-Mar-13	04A					
6770	CMU BACK-UP A16 TO A29 LINE - BLDG. A ADDITION AA TO AE LINES	12	12	06-Mar-13	21-Mar-13	04A					
4805	DOOR FRAMES - PHASE 2 RENO	2	2	11-Mar-13	12-Mar-13	04A					
6630	ERECT SCAFFOLD - AE TO AT LINES - BUILDING A ADDITION	5	5	11-Mar-13	15-Mar-13	04A					
6730	CMU BACK-UP @ GIRT STEEL - BLDG. A ADDITION AE TO AT LINE	3	3	12-Mar-13	14-Mar-13	04A					
6440	ERECT SCAFFOLD - BUILDIG B ADDITION	10	10	13-Mar-13	26-Mar-13	04A					
6490	8' CMU WALL @ B6 LINE	10	10	13-Mar-13	26-Mar-13	04A					
9320	INTERIOR CMU WALLS - PHASE 2 RENO	15	15	13-Mar-13	02-Apr-13	04A					
6830	AIR/VAPOR BARRIER - AA TO AE LINES - BUILDING A ADDITION	10	10	15-Mar-13	28-Mar-13	04A					
6600	CMU BACK-UP - BUILDING A ADDITION AE TO AT LINES - BUILDING A ADDI...	15	15	18-Mar-13	05-Apr-13	04A					
6420	CMU BACK-UP - BUILDING B ADDITION	20	20	18-Mar-13	12-Apr-13	04A					
6840	INSULATION/BRICK VENNER - AA TO AE LINES - BUILDING A ADDITION	15	15	02-Apr-13	22-Apr-13	04A					
6720	CMU BACK-UP @ GIRT STEEL - AA & A2 LINES - BUILDING A ADDITION	5	5	04-Apr-13	10-Apr-13	04A					
6610	AIR/VAPOR BARRIER - BUILDING A ADDITION AE TO AT LINES	5	5	08-Apr-13	12-Apr-13	04A					
6850	AIR/VAPOR BARRIER @ GIRT STEEL CMU - AA TO AE LINES - BUILDING A A...	3	3	11-Apr-13	15-Apr-13	04A					
6620	INSULATION/BRICK VENNER - BUILDING A ADDITION AE TO AT LINES	15	15	15-Apr-13	03-May-13	04A					
6430	AIR/VAPOR BARRIER - BUILDING B ADDITION	5	5	22-Apr-13	26-Apr-13	04A					
6450	INSULATION/BRICK VENNER - BUILDING B ADDITION	25	25	24-Apr-13	28-May-13	04A					
4055	SET DOOR FRAMES - BLDG. B 1ST FLR	5	5	25-Apr-13	01-May-13	04A					
4405	SET DOOR FRAMES - BLDG. A AA TO AE 1ST FLR	5	5	25-Apr-13	01-May-13	04A					
7380	CMU WALLS/ELEVATOR SHAFT - BLDG. A AA TO AE 1ST FLR	15	15	25-Apr-13	15-May-13	04A					

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4360	CMU WALLS - BLDG. B 1ST FLR	20	20	25-Apr-13	22-May-13	04A					
4125	SET DOOR FRAMES - BLDG. A AE TO AT 1ST FLR	5	5	02-May-13	08-May-13	04A					
4820	CMU WALLS - BLDG. A AE TO AT 1ST FLR	10	10	02-May-13	15-May-13	04A					
4085	SET DOOR FRAMES - BLDG. B 2ND FLR	5	5	14-May-13	20-May-13	04A					
4440	CMU WALLS - BLDG. B 2ND FLR	20	20	16-May-13	12-Jun-13	04A					
4315	SET DOOR FRAMES - BLDG. A AE TO AT 2ND FLR	5	5	23-May-13	29-May-13	04A					
7010	CMU WALLS - BLDG. A AE TO AT 2ND FLR	10	10	23-May-13	05-Jun-13	04A					
4495	SET DOOR FRAMES - BLDG. A AA TO AE 2ND FLR	5	5	06-Jun-13	12-Jun-13	04A					
7750	CMU WALLS - BLDG. A AA TO AE 2ND FLR	10	10	06-Jun-13	19-Jun-13	04A					
8390	INTERIOR BRICK VENEER - BLDG. A AA TO AE 1ST FLR	10	10	17-Jun-13	28-Jun-13	04A					
8380	INTERIOR BRICK VENEER - BLDG. A AE TO AT 1ST FLR	8	8	28-Jun-13	10-Jul-13	04A					
8430	INTERIOR BRICK VENEER - BLDG. A AE TO AT 2ND FLR	10	10	22-Jul-13	02-Aug-13	04A					
8550	INTERIOR BRICK VENEER - BLDG. A AA TO AE 2ND FLR	10	10	05-Aug-13	16-Aug-13	04A					
11810	SEAT WALL BRICK/SLATE CAP - PHASE 2 SITEWORK	5	5	06-Sep-13	12-Sep-13	04A					
4955	SET DOOR FRAMES - 2ND FLR 2 STORY WING RENO PH3	5	5	03-Mar-14	07-Mar-14	04A					
10130	CMU WALLS - 2ND FLR 2 STORY WING RENO PH3	15	15	03-Mar-14	21-Mar-14	04A					
10190	CMU BACK-UP/BRICK VENEER - PHASE 3 SHOP WING RENO	10	10	20-Mar-14	02-Apr-14	04A					
6250	CMU BACK-UP EXTR. WALL - 2 STORY WING RENO PH3	20	20	20-Mar-14	16-Apr-14	04A					
5025	SET DOOR FRAMES - 1ST FLR 2 STORY WING RENO PH3	5	5	02-Apr-14	08-Apr-14	04A					
10760	CMU WALLS - 1ST FLR 2 STORY WING RENO PH3	10	10	02-Apr-14	15-Apr-14	04A					
6270	VAPOR BARRIER/BRICK VENEER - 2 STORY WING RENO PH3	20	20	02-Apr-14	29-Apr-14	04A					
11360	EXTERIOR CMU BACK-UP - FITNESS ROOM AREA	6	6	30-Apr-14	07-May-14	04A					
4845	DOOR FRAMES - PHASE 3 SHOP WING RENO	5	5	07-May-14	13-May-14	04A					
11370	BRICK VENEER - FITNESS ROOM AREA	6	6	08-May-14	15-May-14	04A					
9580	INTERIOR CMU WALLS - PHASE 3 SHOP WING RENO	15	15	08-May-14	28-May-14	04A					
5155	DOOR FRAMES - FITNESS ROOM AREA	5	5	04-Jun-14	10-Jun-14	04A					
11520	INTERIOR CMU WALLS - FITNESS ROOM AREA	7	7	05-Jun-14	13-Jun-14	04A					
5115	DOOR FRAMES - ANNEX BLDG.	1	1	19-Jun-14	19-Jun-14	04A					
11050	INTERIOR CMU WALLS - ANNEX BLDG.	5	5	20-Jun-14	26-Jun-14	04A					
<b>STRUCTURAL STEEL</b>											
860	AWARD CONTRACT - STRUCTURAL STEEL	0	0	19-Jan-12		05A					
862	PREP/SUB SD/CALC's - STRCTURAL STEEL	20	20	19-Jan-12	15-Feb-12	05A					
872	PREP/SUB SD/CALC's - MTL FLR/ROOF DECK	20	20	19-Jan-12	15-Feb-12	05A					
864	REV/APP SD/CALC's - STRCTURAL STEEL	15	15	16-Feb-12	07-Mar-12	05A					
874	REV/APP SD/CALC's - MTL FLR/ROOF DECK	15	15	16-Feb-12	07-Mar-12	05A					
866	FAB/DEL - STRCTURAL STEEL / METAL DECK	50	50	08-Mar-12	16-May-12	05A					

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868	MOBILIZE ON SITE - STRUCTURAL STEEL	0	0	10-Jul-12		05A					
6570	NEW STEEL BEAMS IN EXISTING BUILDING B ALONG XB1 LINE	20	20	10-Jul-12	06-Aug-12	05A					
9150	INSTALL MTL ROOF DECKING @ EDGE OF ROOF - PHASE 1 RENO	5	5	14-Aug-12	20-Aug-12	05A					
9190	REMOVE METAL ROOF DECK @ SKYLIGHTS - PHASE 1 RENO	3	3	21-Aug-12	23-Aug-12	05A					
9090	STRUCTURAL STEEL ROOF FRAMING/DECKING - PHASE 1 RENO	20	20	24-Aug-12	21-Sep-12	05A					
9070	INSTALL STEEL FRAMES AT NEW EXTR. DR. OPNGS. - PHASE 1 RENO	10	10	27-Aug-12	10-Sep-12	05A					
5610	ERECT STRUCTURAL STEEL - BLDG. A ADDITION	25	25	13-Dec-12	18-Jan-13	05A					
6080	DETAIL/DECKING - BLDG. A ADDITION	40	40	28-Dec-12	22-Feb-13	05A					
9920	INSTALL ROOF FRAMES - STRUCTURAL STEEL - PHASE 2 RENO	3	3	15-Jan-13	17-Jan-13	05A					
9730	INSTALL MTL ROOF DECKING @ EDGE OF ROOF - PHASE 2 RENO	5	5	22-Jan-13	28-Jan-13	05A					
5650	ERECT STRUCTURAL STEEL - BUILDING B ADDITION	10	10	29-Jan-13	11-Feb-13	05A					
5730	DETAILING/DECKING STRUCTURAL STEEL - BUILDING B ADDITION	25	25	06-Feb-13	12-Mar-13	05A					
6110	SHEAR STUDS - BLDG. A ADDITION	10	10	11-Feb-13	22-Feb-13	05A					
6580	GIRT STEEL - AF & A9 LINES - BLDG. A ADDITION AE TO AT LINE	11	11	25-Feb-13	11-Mar-13	05A					
6590	GIRT STEEL - AA & A2 LINES - BUILDING A ADDITION	17	17	12-Mar-13	03-Apr-13	05A					
5760	SHEAR STUDS - BUILDING B ADDITION	5	5	13-Mar-13	19-Mar-13	05A					
6070	2ND FLR ST. STEEL FRAMING - AHU SUPPORT STEEL - 2 STORY WING PH3	10	10	13-Feb-14	26-Feb-14	05A					
10160	INSTALL STEEL FRAMES AT NEW EXTR. DR. OPNGS. - PHASE 3 SHOP WIN...	3	3	13-Mar-14	17-Mar-14	05A					
10240	INSTALL MTL ROOF DECKING @ EDGE OF ROOF - PHASE 3 SHOP WING R...	5	5	13-Mar-14	19-Mar-14	05A					
6010	STEEL GIRT SYSTEM @ WEST SIDE KNEE WALL 2 STORY WING PH3	15	15	13-Mar-14	02-Apr-14	05A					
10280	REMOVE METAL ROOF DECK @ SKYLIGHTS - PHASE 3 SHOP WING RENO	3	3	20-Mar-14	24-Mar-14	05A					
10180	STRUCTURAL STEEL ROOF FRAMING/DECKING - PHASE 3 SHOP WING RE...	8	8	02-Apr-14	11-Apr-14	05A					
6060	STRUCUTRAL STEEL FRAMING @ 2 STORY WING PH3	20	20	03-Apr-14	30-Apr-14	05A					
10650	INSTALL ROOF FRAME SUPPORT STEEL - ANNEX BLDG.	6	6	24-Apr-14	01-May-14	05A					
11390	STRUCTURAL STEEL - ROOF FRAMES	10	10	30-Apr-14	13-May-14	05A					
11400	STRUCTURAL STEEL - RTU-1 SUPPORT STEEL FITNESS AREA	10	10	30-Apr-14	13-May-14	05A					
10620	INSTALL RTU SUPPORT STEEL - ANNEX BLDG.	5	5	02-May-14	08-May-14	05A					
10490	INSTALL NEW SUPPORT STEEL F/OH DOOR OPNGS - ANNEX BLDG.	15	15	09-May-14	29-May-14	05A					
<b>MISCELLANEOUS METALS</b>											
910	AWARD CONTRACT - MISC. METALS	0	0	19-Jan-12		05B					
912	PREP/SUB SD - MISC. IRON	10	10	19-Jan-12	01-Feb-12	05B					
922	PREP/SUB SD/CALC's - MTL. STAIRS	10	10	19-Jan-12	01-Feb-12	05B					
1512	PREP/SUB PD/SD - OH COILING DOORS	10	10	19-Jan-12	01-Feb-12	05B					
932	PREP/SUB SD - EXTERIOR SUNSHADE	10	10	19-Jan-12	01-Feb-12	05B					
942	PREP/SUB SD - HANDRAILS	10	10	19-Jan-12	01-Feb-12	05B					
1542	PREP/SUB PD/SD - OH COILING GRILLES	10	10	19-Jan-12	01-Feb-12	05B					

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2562	PREP/SUB PD/SD/SAMPLES - WIRE MESH PARTITIONS	10	10	19-Jan-12	01-Feb-12	05B					
952	PREP/SUB SD - DECORATIVE FENCES/GATES	10	10	19-Jan-12	01-Feb-12	05B					
914	REV/APP SD - MISC. IRON	10	10	02-Feb-12	15-Feb-12	05B					
924	REV/APP SD/CALS's - MTL. STAIRS	10	10	02-Feb-12	15-Feb-12	05B					
1514	REV/APP PD/SD - OH COILING DOORS	10	10	02-Feb-12	15-Feb-12	05B					
934	REV/APP SD - EXTERIOR SUNSHADE	10	10	02-Feb-12	15-Feb-12	05B					
944	REV/APP SD - HANDRAILS	10	10	02-Feb-12	15-Feb-12	05B					
1544	REV/APP PD/SD - OH COILING GRILLES	10	10	02-Feb-12	15-Feb-12	05B					
2564	REV/APP PD/SD/SAMPLES - WIRE MESH PARTITIONS	10	10	02-Feb-12	15-Feb-12	05B					
954	REV/APP SD - DECORATIVE FENCES/GATES	10	10	02-Feb-12	15-Feb-12	05B					
916	FAB/DEL MISC. IRON	15	15	16-Feb-12	07-Mar-12	05B					
936	FAB/DEL EXTERIOR SUNSHADE	15	15	16-Feb-12	07-Mar-12	05B					
946	FAB/DEL HANDRAILS	15	15	16-Feb-12	07-Mar-12	05B					
956	FAB/DEL DECORATIVE FENCES/GATES	20	20	16-Feb-12	14-Mar-12	05B					
926	FAB/DEL MTL. STAIRS	30	30	16-Feb-12	28-Mar-12	05B					
2566	FAB/DEL WIRE MESH PARTITIONS	30	30	16-Feb-12	28-Mar-12	05B					
1516	FAB/DEL OH COILING DOORS	40	40	16-Feb-12	11-Apr-12	05B					
1536	FAB/DEL OH COILING GRILLES	40	40	16-Feb-12	11-Apr-12	05B					
918	MOBILIZE ON SITE - MISC. METALS	0	0	19-Mar-13		05B					
8300	INSTALL STAIR A5 - BLDG. A ADDITION	5	5	19-Mar-13	25-Mar-13	05B					
8180	INSTALL STAIR B - BUILDING B ADDITION	7	7	29-Mar-13	08-Apr-13	05B					
8590	INSTALL ACCORDIAN PARTITION SUPPORT STEEL - BLDG. A AA TO AE 1S...	4	4	02-May-13	07-May-13	05B					
<b>MILLWORK / CASEWORK</b>											
1060	AWARD CONTRACT - MILLWORK	0	0	19-Jan-12		06A					
1062	PREP/SUB PD/SD - FINISH CARPENTRY/PANELING	10	10	19-Jan-12	01-Feb-12	06A					
1472	PREP/SUB PD/SD - MILLWORK / CASEWORK	10	10	19-Jan-12	01-Feb-12	06A					
1482	PREP/SUB SAMPLE - MILLWORK / CASEWORK	10	10	19-Jan-12	01-Feb-12	06A					
1063	PREP/SUB SAMPLE - FINISH CARPENTRY/PANELING	10	10	19-Jan-12	01-Feb-12	06A					
1064	REV/APP PD/SD - FINISH CARPENTRY/PANELING	10	10	02-Feb-12	15-Feb-12	06A					
1474	REV/APP PD/SD - MILLWORK / CASEWORK	10	10	02-Feb-12	15-Feb-12	06A					
1484	REV/APP SAMPLE - MILLWORK / CASEWORK	10	10	02-Feb-12	15-Feb-12	06A					
1074	REV/APP SAMPLE - FINISH CARPENTRY/PANELING	10	10	02-Feb-12	15-Feb-12	06A					
1067	FAB/DEL FINISH CARPENTRY/PANELING	40	40	16-Feb-12	11-Apr-12	06A					
1476	FAB/DEL MILLWORK	45	45	16-Feb-12	18-Apr-12	06A					
1068	MOBILIZE ON SITE - MILLWORK	0	0	15-Nov-12		06A					
8810	MILLWORK / CASEWORK - PHASE 1 RENO	6	6	15-Nov-12	23-Nov-12	06A					

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9410	MILLWORK / CASEWORK - PHASE 2 RENO	4	4	15-May-13	20-May-13	06A					
7530	TOILET ROOM VANITIES - BLDG. A AA TO AE 1ST FLR	3	3	01-Jul-13	03-Jul-13	06A					
4190	MILLWORK / CASEWORK - BLDG. B 1ST FLR	10	10	09-Jul-13	22-Jul-13	06A					
7640	MILLWORK / CASEWORK - BLDG. A AA TO AE 1ST FLR	10	10	12-Jul-13	25-Jul-13	06A					
8610	WOOD PANELING/TRIM @ MP ROOM - BLDG. A AA TO AE 1ST FLR	5	5	26-Jul-13	01-Aug-13	06A					
5080	MILLWORK / CASEWORK - BLDG. A AE TO AT 1ST FLR	10	10	07-Aug-13	20-Aug-13	06A					
7900	TOILET ROOM VANITIES - BLDG. A AA TO AE 2ND FLR	5	5	22-Aug-13	28-Aug-13	06A					
8010	MILLWORK / CASEWORK - BLDG. A AA TO AE 2ND FLR	10	10	22-Aug-13	05-Sep-13	06A					
4700	MILLWORK / CASEWORK - BLDG. B 2ND FLR	10	10	26-Aug-13	09-Sep-13	06A					
7270	MILLWORK / CASEWORK - BLDG. A AE TO AT 2ND FLR	10	10	26-Aug-13	09-Sep-13	06A					
10580	MILLWORK / CASEWORK - 2ND FLR 2 STORY WING RENO PH3	20	20	11-Jun-14	08-Jul-14	06A					
9670	MILLWORK / CASEWORK - PHASE 3 SHOP WING RENO	6	6	16-Jun-14	23-Jun-14	06A					
11010	MILLWORK / CASEWORK - 1ST FLR 2 STORY WING RENO PH3	10	10	25-Jun-14	08-Jul-14	06A					
<b>ROOFING</b>											
1160	AWARD CONTRACT - ROOFING	0	0	19-Jan-12		07A					
1112	PREP/SUB PD/SD - WATER/DAMPPROOFING	10	10	19-Jan-12	01-Feb-12	07A					
1162	PREP/SUB PD/SD/SAMPLE - ROOFING SYSTEM	10	10	19-Jan-12	01-Feb-12	07A					
1212	PREP/SUB PD/SD - ROOF HATCHES	10	10	19-Jan-12	01-Feb-12	07A					
1232	PREP/SUB-SAMPLES ROOF DOMES/HATCHES	10	10	19-Jan-12	01-Feb-12	07A					
1114	REV/APP PD/SD - WATER/DAMPPROOFING	10	10	02-Feb-12	15-Feb-12	07A					
1164	REV/APP PD/SD/SAMPLES - ROOFING SYSTEM	10	10	02-Feb-12	15-Feb-12	07A					
1214	REV/APP PD/SD - ROOF HATCHES	10	10	02-Feb-12	15-Feb-12	07A					
1234	REV/APP-SAMPLES ROOF DOMES/HATCHES	10	10	02-Feb-12	15-Feb-12	07A					
1116	FAB/DEL WATER/DAMPPROOFING	10	10	16-Feb-12	29-Feb-12	07A					
1166	FAB/DEL ROOFING MATERIALS	15	15	16-Feb-12	07-Mar-12	07A					
1216	FAB/DEL-ROOF DOMES/HATCHES	40	40	16-Feb-12	11-Apr-12	07A					
1168	MOBILIZE ON SITE - ROOFING	0	0	07-Aug-12		07A					
9130	REMOVE ROOFING - PHASE 1 RENO	5	5	07-Aug-12	13-Aug-12	07A					
9220	SET RTU CURBS - PHASE 1 RENO	4	4	13-Sep-12	18-Sep-12	07A					
9170	NEW ROOF - PHASE 1 RENO	5	5	19-Sep-12	25-Sep-12	07A					
9710	REMOVE ROOFING - PHASE 2 RENO	5	5	15-Jan-13	21-Jan-13	07A					
9800	SET RTU CURBS - PHASE 2 RENO	4	4	20-Feb-13	25-Feb-13	07A					
9750	NEW ROOF - PHASE 2 RENO	5	5	26-Feb-13	04-Mar-13	07A					
6690	ROOFING - AE TO AT LINES - BUILDNG A ADDITION	10	10	11-Mar-13	22-Mar-13	07A					
6410	ROOFING - BUILDING B ADDITION	10	10	20-Mar-13	02-Apr-13	07A					
6810	ROOFING - AA TO AE LINES - BUILDNG A ADDITION	10	10	22-Mar-13	04-Apr-13	07A					

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5960	STRIP ROOFING @ ROOF EDGE - 2 STORY WING RENO PH3	5	5	13-Feb-14	19-Feb-14	07A					
10220	REMOVE ROOFING - PHASE 3 SHOP WING RENO	5	5	06-Mar-14	12-Mar-14	07A					
6320	RE-ROOFING - 2 STORY WING RENO PH3	10	10	06-Mar-14	19-Mar-14	07A					
10310	SET RTU CURBS - PHASE 3 SHOP WING RENO	4	4	21-Apr-14	24-Apr-14	07A					
10260	NEW ROOF - PHASE 3 SHOP WING RENO	5	5	25-Apr-14	01-May-14	07A					
11540	SET RTU CURB - FITNESS ROOM AREA	1	1	14-May-14	14-May-14	07A					
11480	RE-ROOFING - FITNESS ROOM AREA	10	10	28-May-14	10-Jun-14	07A					
11140	RE-ROOFING - ANNEX BLDG.	10	10	05-Jun-14	18-Jun-14	07A					
<b>SPRAY APPLIED FIREPROOFING</b>											
1310	AWARD CONTRACT - SPRAY/FIREPROOFING	0	0	19-Jan-12		07B					
1312	PREP/SUB PD/SD - SPRAYFIREPROOFING	10	10	19-Jan-12	01-Feb-12	07B					
1314	REV/APP PD/SD - SPRAY FIREPROOFING	10	10	02-Feb-12	15-Feb-12	07B					
1316	FAB/DEL - SPRAY FIREPROOFING	10	10	16-Feb-12	29-Feb-12	07B					
1318	MOBILIZE ON SITE - SPRAY FIREPROOFING	0	0	07-Aug-12		07B					
6560	SPRAY FIREPROFFING NEW STEEL/EXISTING DECK ALONG XB1 LINE	5	5	07-Aug-12	13-Aug-12	07B					
6380	SPRAY FIREPROOFING - BLDG. A ADDITION	10	10	19-Mar-13	01-Apr-13	07B					
8210	SPRAY FIREPROOFING - BUILDING B ADDITION	5	5	29-Mar-13	04-Apr-13	07B					
6090	SPRAY FIREPROOFING 1ST FLR - 2 STORY WING RENO PH3	4	4	27-Feb-14	04-Mar-14	07B					
<b>GLASS AND GLAZING</b>											
1560	AWARD CONTRACT - GLASS/GLAZING	0	0	19-Jan-12		08A					
962	PREP/SUB PD/SD/SAMPLE - METAL SIDING/PANELS	10	10	19-Jan-12	01-Feb-12	08A					
1262	PREP/SUB PD/SD/SAMPLE - UNIT SKYLIGHTS	10	10	19-Jan-12	01-Feb-12	08A					
1562	PREP/SUB PD/SD - CURTAINWALL/WINDOWS	10	10	19-Jan-12	01-Feb-12	08A					
1582	PREP/SUB SAMPLES - GLASS/GLAZING	10	10	19-Jan-12	01-Feb-12	08A					
1572	PREP/SUB PD/SD - STOREFRONT/ENTRANCES	10	10	19-Jan-12	01-Feb-12	08A					
1592	PREP/SUB PD/SD/SAMPLE - MIRRORS	10	10	19-Jan-12	01-Feb-12	08A					
1602	PREP/SUB PD/SD/SAMPLE - TRANSLUCENT LINEAR CHANNEL GLAZING SYS	10	10	19-Jan-12	01-Feb-12	08A					
1272	PREP/SUB PD/SD/SAMPLE - FIBERGLASS SANDWICH-PANEL ASSEMBLIES	10	10	19-Jan-12	01-Feb-12	08A					
964	REV/APP PD/SD/SAMPLE - METAL SIDING/PANELS	10	10	02-Feb-12	15-Feb-12	08A					
1264	REV/APP PD/SD/SAMPLE - UNIT SKYLIGHTS	10	10	02-Feb-12	15-Feb-12	08A					
1564	REV/APP PD/SD - CURTAINWALL/WINDOWS	10	10	02-Feb-12	15-Feb-12	08A					
1584	REV/APP SAMPLES - GLASS/GLAZING	10	10	02-Feb-12	15-Feb-12	08A					
1574	REV/APP PD/SD - STOREFRONT/ENTRANCES	10	10	02-Feb-12	15-Feb-12	08A					
1594	REV/APP PD/SD/SAMPLE - MIRRORS	10	10	02-Feb-12	15-Feb-12	08A					
1604	REV/APP PD/SD/SAMPLE - TRANSLUCENT LINEAR CHANNEL GLAZING SYS	10	10	02-Feb-12	15-Feb-12	08A					
1274	REV/APP PD/SD/SAMPLE - FIBERGLASS SANDWICH-PANEL ASSEMBLIES	10	10	02-Feb-12	15-Feb-12	08A					

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966	FAB/DEL METAL SIDING/PANELS	35	35	16-Feb-12	04-Apr-12	08A					
1586	FAB/DEL - MIRRORS	40	40	16-Feb-12	11-Apr-12	08A					
1566	FAB/DEL - CURTAINWALL/WINDOWS/GLASS	50	50	16-Feb-12	25-Apr-12	08A					
1576	FAB/DEL - STOREFRONT/ENTRANCES	50	50	16-Feb-12	25-Apr-12	08A					
1596	FAB/DEL TRANSLUCENT LINEAR CHANNEL GLAZING SYS	50	50	16-Feb-12	25-Apr-12	08A					
1266	FAB/DEL UNIT SKYLIGHTS	60	60	16-Feb-12	09-May-12	08A					
1276	FAB/DEL FIBERGLASS SANDWICH-PANEL ASSEMBLIES	60	60	16-Feb-12	09-May-12	08A					
1568	MOBILIZE ON SITE - GLASS GLAZING	0	0	31-Aug-12		08A					
9210	INSTALL SKYLIGHTS - PHASE 1 RENO	3	3	31-Aug-12	05-Sep-12	08A					
9110	ALUM. FRAMED STOREFRONT/WINDOWS - PHASE 1 RENO	15	15	11-Sep-12	01-Oct-12	08A					
9160	METAL FASCIA PANELS - PHASE 1 RENO	10	10	02-Oct-12	15-Oct-12	08A					
8900	INSTALL MIRRORS - PHASE 1 RENO	1	1	28-Nov-12	28-Nov-12	08A					
9690	ALUM. FRAMED STOREFRONT/WINDOWS - PHASE 2 RENO	15	15	04-Feb-13	22-Feb-13	08A					
9740	METAL FASCIA PANELS - PHASE 2 RENO	10	10	25-Feb-13	08-Mar-13	08A					
6700	WINDOWS @ CLERESTORY - A14/A18 LINES - BUILDING A ADDITION	10	10	04-Mar-13	15-Mar-13	08A					
6860	CURTAINWALL/WINDOWS - AA TO AE LINE - BUILDING A ADDITION	25	25	02-Apr-13	06-May-13	08A					
6670	WINDOWS/CURTAINWALL - AE TO AT LINES - BUILDING A ADDITION	20	20	06-May-13	31-May-13	08A					
6880	METAL PANELS - AE TO AT LINES - BUILDING A ADDITION	15	15	21-May-13	10-Jun-13	08A					
6460	WINDOWS - BUILDING B ADDITION	20	20	22-May-13	18-Jun-13	08A					
9500	INSTALL MIRRORS - PHASE 2 RENO	1	1	23-May-13	23-May-13	08A					
6710	METAL PANELS - AE TO AT LINES - BUILDING A ADDITION	15	15	03-Jun-13	21-Jun-13	08A					
8460	INSTALL CHANNEL WALL GLASS SYSTEM - BLDG. A AE TO AT 2ND FLR	8	8	26-Aug-13	05-Sep-13	08A					
10300	INSTALL SKYLIGHTS - PHASE 3 SHOP WING RENO	3	3	01-Apr-14	03-Apr-14	08A					
10200	ALUM. FRAMED STOREFRONT/WINDOWS - PHASE 3 SHOP WING RENO	10	10	03-Apr-14	16-Apr-14	08A					
6280	WINDOWS/CURTAINWALL - 2 STORY WING RENO PH3	25	25	16-Apr-14	20-May-14	08A					
10250	METAL FASCIA PANELS - PHASE 3 SHOP WING RENO	10	10	17-Apr-14	30-Apr-14	08A					
11380	WINDOWS - FITNESS ROOM AREA	5	5	16-May-14	22-May-14	08A					
11160	SIDING PATCH - ANNEX BLDG.	10	10	30-May-14	12-Jun-14	08A					
6290	METAL PANELS - 2 STORY WING RENO PH3	5	5	04-Jun-14	10-Jun-14	08A					
6310	PERFORATED ALUM. SUNSHADE - 2 STORY WING RENO PH3	10	10	11-Jun-14	24-Jun-14	08A					
11220	NEW WINDOWS/LOUVERS - ANNEX BLDG.	5	5	04-Jul-14	10-Jul-14	08A					
10010	INSTALL MIRRORS - PHASE 3 SHOP WING RENO	1	1	24-Jul-14	24-Jul-14	08A					
<b>DOORS/FRAMES/HARDWARE</b>											
1360	AWARD CONTRACT - DOORS/FRAMES/HARDWARE	0	0	19-Jan-12		08B					
1362	PREP/SUB PD/SD - HM DOORS/FRAMES	10	10	19-Jan-12	01-Feb-12	08B					
1412	PREP/SUB PD/SD/SAMPLE - HARDWARE SCHEDULES	10	10	19-Jan-12	01-Feb-12	08B					

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1462	PREP/SUB SAMPLE - WOOD DOOR VENEER	10	10	19-Jan-12	01-Feb-12	08B					
1364	REV/APP PD/SD - HM DOORS/FRAMES	10	10	02-Feb-12	15-Feb-12	08B					
1414	REV/APP PD/SD/SAMPLE - HARDWARE SCHEDULES	10	10	02-Feb-12	15-Feb-12	08B					
1464	REV/APP SAMPLE - WOOD DOOR VENEER	10	10	02-Feb-12	15-Feb-12	08B					
1366	FAB/DEL HM DOORS/FRAMES	20	20	16-Feb-12	14-Mar-12	08B					
1416	FAB/DEL FINISH HARDWARE	45	45	16-Feb-12	18-Apr-12	08B					
1466	FAB/DEL WOOD DOORS	45	45	16-Feb-12	18-Apr-12	08B					
<b>DRYWALL &amp; RELATED WORK</b>											
1660	AWARD CONTRACT - DRYWALL	0	0	19-Jan-12		09A					
1662	PREP/SUB PD/SD - COLD FORMED METAL FRAMING	10	10	19-Jan-12	01-Feb-12	09A					
1672	PREP/SUB PD - METAL STUDS/DRYWALL	10	10	19-Jan-12	01-Feb-12	09A					
2112	PREP/SUB PD/SD/SAMPLES - VISUAL DISPLAY BOARDS	10	10	19-Jan-12	01-Feb-12	09A					
2212	PREP/SUB PD/SD/SAMPLES - FIRE EXTINGUISHER & CABNETS	10	10	19-Jan-12	01-Feb-12	09A					
2512	PREP/SUB PD/SD/SAMPLES - ROLLER SHADES	10	10	19-Jan-12	01-Feb-12	09A					
1522	PREP/SUB PD/SD/SAMPLE - FIBER CEMENT SIDING	10	10	19-Jan-12	01-Feb-12	09A					
1532	PREP/SUB PD/SD/SAMPLE - EXPANSION JOINTS	10	10	19-Jan-12	01-Feb-12	09A					
2522	PREP/SUB PD/SD/SAMPLES - DISPLAY CASES	10	10	19-Jan-12	01-Feb-12	09A					
2552	PREP/SUB PD/SD/SAMPLES - PROJECTION SCREENS	10	10	19-Jan-12	01-Feb-12	09A					
1922	PREP/SUB PD/SD/SAMPLES - SOUND ABSORBING PANELS	10	10	19-Jan-12	01-Feb-12	09A					
1664	REV/APP PD/SD - COLD FORMED METAL FRAMING	10	10	02-Feb-12	15-Feb-12	09A					
1674	REV/APP PD - METAL STUDS/DRYWALL	10	10	02-Feb-12	15-Feb-12	09A					
2114	REV/APP PD/SD/SAMPLES - VISUAL DISPLAY BOARDS	10	10	02-Feb-12	15-Feb-12	09A					
2214	REV/APP PD/SD/SAMPLES - FIRE EXTINGUISHER & CABNETS	10	10	02-Feb-12	15-Feb-12	09A					
2514	REV/APP PD/SD/SAMPLES - ROLLER SHADES	10	10	02-Feb-12	15-Feb-12	09A					
1524	REV/APP PD/SD/SAMPLE - FIBER CEMENT SIDING	10	10	02-Feb-12	15-Feb-12	09A					
1534	REV/APP PD/SD/SAMPLE - EXPANSION JOINTS	10	10	02-Feb-12	15-Feb-12	09A					
2524	REV/APP PD/SD/SAMPLES - DISPLAY CASES	10	10	02-Feb-12	15-Feb-12	09A					
2554	REV/APP PD/SD/SAMPLES - PROJECTION SCREENS	10	10	02-Feb-12	15-Feb-12	09A					
1924	REV/APP PD/SD/SAMPLES - SOUND ABSORBING PANELS	10	10	02-Feb-12	15-Feb-12	09A					
1676	FAB/DEL METAL STUD/DRYWALL	10	10	16-Feb-12	29-Feb-12	09A					
1666	FAB/DEL COLD FORMED METAL FRAMING	15	15	16-Feb-12	07-Mar-12	09A					
2116	FAB/DEL VISUAL DISPLAY BOARDS	30	30	16-Feb-12	28-Mar-12	09A					
2516	FAB/DEL ROLLER SHADES	30	30	16-Feb-12	28-Mar-12	09A					
2556	FAB/DEL PROJECTION SCREENS	30	30	16-Feb-12	28-Mar-12	09A					
1916	FAB/DEL SOUND ABSORBING PANELS	30	30	16-Feb-12	28-Mar-12	09A					
1506	FAB/DEL FIBER CEMENT SIDING	35	35	16-Feb-12	04-Apr-12	09A					

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2526	FAB/DEL DISPLAY CASES	35	35	16-Feb-12	04-Apr-12	09A					
2216	FAB/DEL FIRE EXTINGUISHER & CABINETS	40	40	16-Feb-12	11-Apr-12	09A					
1526	FAB/DEL EXPANSION JOINTS	40	40	16-Feb-12	11-Apr-12	09A					
1668	MOBILIZE ON SITE - DRYWALL	0	0	25-Jun-12		09A					
5420	PHASE 1 - EGRESSING MODS - TEMP. CORRIDORS/PARTITIONS	10	10	25-Jun-12	09-Jul-12	09A					
9140	METAL STUD FRAMING AT PARAPET - PHASE 1 RENO	8	8	21-Aug-12	30-Aug-12	09A					
9200	FRAME/SHEATH SKYLIGHT CURBS - PHASE 1 RENO	5	5	24-Aug-12	30-Aug-12	09A					
9120	INSTALL OVERHEAD DOORS - PHASE 1 RENO	10	10	02-Oct-12	15-Oct-12	09A					
8870	FRAME SOFFITS/FLAT CEILINGS - PHASE 1 RENO	7	7	31-Oct-12	08-Nov-12	09A					
4755	SHEETROCK SOFFITS/CEILINGS - PHASE 1 RENO	5	5	16-Nov-12	23-Nov-12	09A					
4765	TAPE SOFFITS/CEILINGS - PHASE 1 RENO	5	5	21-Nov-12	28-Nov-12	09A					
8790	INSTALL DOORS / HARDWARE - PHASE 1 RENO	5	5	26-Nov-12	30-Nov-12	09A					
9720	METAL STUD FRAMING AT PARAPET - PHASE 2 RENO	8	8	29-Jan-13	07-Feb-13	09A					
6680	6" METAL STUD/SHEATHING @ ROOF A14/A18 LINES - BUILDING A ADDITION	5	5	25-Feb-13	01-Mar-13	09A					
6740	ROOF EDGE FASCIA FRAMING/SHEATHING - AE TO AT LINE - BUILDING A ...	10	10	25-Feb-13	08-Mar-13	09A					
6760	6" METAL STUD/SEATHING @ AA & A2 LINE - BUILDING A ADDITION	10	10	25-Feb-13	08-Mar-13	09A					
6800	6" STUD FRAMING/SHEATING @ SKYLIGHT - AA TO AE LINE - BUILDING A A...	4	4	04-Mar-13	07-Mar-13	09A					
6790	ROOF EDGE FASCIA FRAMING/SHEATHING - AA TO AE LINE - BUILDING A ...	10	10	08-Mar-13	21-Mar-13	09A					
6820	6" STUD FRAMING/SHEATHING @ AC LINE CURTAINWALL - BUILDING A AD...	10	10	11-Mar-13	22-Mar-13	09A					
8190	SKYLIGHT FRAMING/SHEATHING - BUILDING B ADDITION	5	5	13-Mar-13	19-Mar-13	09A					
6650	6" METAL STUD/SEATHING @ A9 LINE AE TO AT - BUILDING A ADDITION	5	5	15-Mar-13	21-Mar-13	09A					
4000	LAYOUT FLOOR & TOP TRACK - BLDG. B 1ST FLR	3	3	29-Mar-13	02-Apr-13	09A					
4760	LAYOUT FLOOR & TOP TRACK - BLDG. A AE TO AT 1ST FLR	2	2	02-Apr-13	03-Apr-13	09A					
4380	LAYOUT FLOOR & TOP TRACK - BLDG. B 2ND FLR	3	3	03-Apr-13	05-Apr-13	09A					
9550	MEZZANINE FRAMING/SHEATHING - RENO PHASE 2	5	5	03-Apr-13	09-Apr-13	09A					
6920	LAYOUT FLOOR & TOP TRACK - BLDG. A AA TO AE 1ST FLR	2	2	04-Apr-13	05-Apr-13	09A					
6910	LAYOUT FLOOR & TOP TRACK - BLDG. A AE TO AT 2ND FLR	2	2	08-Apr-13	09-Apr-13	09A					
9470	FRAME SOFFITS/FLAT CEILING - PHASE 2 RENO	3	3	08-Apr-13	10-Apr-13	09A					
8200	2 1/2" MTL STUD/EXTR. SHEATHING @ BEAM INFILLS - BUILDING B ADDITION	10	10	08-Apr-13	19-Apr-13	09A					
6930	LAYOUT FLOOR & TOP TRACK - BLDG. A AA TO AE 2ND FLR	2	2	10-Apr-13	11-Apr-13	09A					
4855	SHEETROCK SOFFITS/CEILINGS - PHASE 2 RENO	3	3	18-Apr-13	22-Apr-13	09A					
4865	TAPE SOFFITS/CEILINGS - PHASE 2 RENO	3	3	22-Apr-13	24-Apr-13	09A					
6660	6" METAL STUD/SHEATHING @ AT/A22 LINE CURTAINWALL - BUILDING A A...	5	5	06-May-13	10-May-13	09A					
6640	FRAME SOFFIT @ ROOF LINE - BLDG. A ADDITION AE TO AT LINE	10	10	06-May-13	17-May-13	09A					
6870	FRAME SOFFIT @ ROOF LINE - BLDG. A ADDITION AA TO AE LINES	10	10	07-May-13	20-May-13	09A					
7420	STUD FRAME WALLS - BLDG. A AA TO AE 1ST FLR	10	10	07-May-13	20-May-13	09A					

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4860	STUD FRAME WALLS - BLDG. A AE TO AT 1ST FLR	10	10	16-May-13	29-May-13	09A					
9390	INSTALL DOORS / HARDWARE - PHASE 2 RENO	5	5	21-May-13	27-May-13	09A					
4050	DRYWALL CEILINGS @ B112/B102 - BUILDING B ADDITION	15	15	23-May-13	12-Jun-13	09A					
6470	INSTALL OVERHEAD DOORS - BUILDING B ADDITION	6	6	29-May-13	05-Jun-13	09A					
8400	FRAME DRYWALL CEILING @ TOILET ROOM - BLDG. A AA TO AE 1ST FLR	5	5	30-May-13	05-Jun-13	09A					
7450	SHEET ROCK WALLS - BLDG. A AA TO AE 1ST FLR	10	10	03-Jun-13	14-Jun-13	09A					
4250	FRAME SOFFITS/FLAT CEILINGS - BLDG. B 1ST FLR	5	5	06-Jun-13	12-Jun-13	09A					
7050	STUD FRAME WALLS - BLDG. A AE TO AT 2ND FLR	10	10	06-Jun-13	19-Jun-13	09A					
7460	TAPE SHEET ROCK - BLDG. A AA TO AE 1ST FLR	10	10	10-Jun-13	21-Jun-13	09A					
7160	GYP. SOFFITS @ CLASSROOM - BLDG. A AA TO AE 1ST FLR	10	10	10-Jun-13	21-Jun-13	09A					
4615	GYP./TAPE/SAND TOILET RM CEILING - BLDG. A AA TO AE 1ST FLR	5	5	12-Jun-13	18-Jun-13	09A					
8540	DRYWALL SOFFIT @ SKYLIGHT - BLDG. A A A TO AE 2ND FLR	6	6	13-Jun-13	20-Jun-13	09A					
7790	STUD FRAME WALLS - BLDG. A AA TO AE 2ND FLR	10	10	13-Jun-13	26-Jun-13	09A					
4890	SHEET ROCK WALLS - BLDG. A AE TO AT 1ST FLR	10	10	14-Jun-13	27-Jun-13	09A					
7590	STAIR #3 DRYWALL SOFFIT - BLDG. A A A TO AE 1ST FLR	6	6	17-Jun-13	24-Jun-13	09A					
4480	STUD FRAME WALLS - BLDG. B 2ND FLR	10	10	18-Jun-13	01-Jul-13	09A					
4165	SHEETROCK SOFFITS/CEILINGS - BLDG. B 1ST FLR	5	5	19-Jun-13	25-Jun-13	09A					
4900	TAPE SHEET ROCK - BLDG. A AE TO AT 1ST FLR	10	10	21-Jun-13	05-Jul-13	09A					
4175	TAPE SOFFITS/CEILINGS - BLDG. B 1ST FLR	5	5	24-Jun-13	28-Jun-13	09A					
4910	FRAME SOFFITS/FLAT CEILINGS - BLDG. A AE TO AT 1ST FLR	15	15	26-Jun-13	17-Jul-13	09A					
8520	FRAME DRYWALL CEILING @ TOILET ROOM - BLDG. A AA TO AE 2ND FLR	4	4	27-Jun-13	02-Jul-13	09A					
7470	FRAME SOFFITS @ CORRIDOR - BLDG. A AA TO AE 1ST FLR	3	3	01-Jul-13	03-Jul-13	09A					
7080	SHEET ROCK WALLS - BLDG. A AE TO AT 2ND FLR	10	10	08-Jul-13	19-Jul-13	09A					
4685	GYP./TAPE/SAND TOILET RM CEILING - BLDG. A AA TO AE 2ND FLR	5	5	10-Jul-13	16-Jul-13	09A					
4465	SHEETROCK CORR. SOFFITS - BLDG. A AA TO AE 1ST FLR	2	2	11-Jul-13	12-Jul-13	09A					
4510	SHEET ROCK WALLS - BLDG. B 2ND FLR	10	10	11-Jul-13	24-Jul-13	09A					
4530	FRAME SOFFITS/FLAT CEILINGS - BLDG. B 2ND FLR	10	10	11-Jul-13	24-Jul-13	09A					
7090	TAPE SHEET ROCK - BLDG. A AE TO AT 2ND FLR	10	10	11-Jul-13	24-Jul-13	09A					
4475	TAPE CORR. SOFFITS - BLDG. A AA TO AE 1ST FLR	3	3	15-Jul-13	17-Jul-13	09A					
4285	SHEETROCK SOFFITS/CEILINGS - BLDG. A AE TO AT 1ST FLR	10	10	16-Jul-13	29-Jul-13	09A					
7100	FRAME SOFFITS/FLAT CEILINGS - BLDG. A AE TO AT 2ND FLR	8	8	17-Jul-13	26-Jul-13	09A					
4520	TAPE SHEET ROCK - BLDG. B 2ND FLR	10	10	18-Jul-13	31-Jul-13	09A					
4295	TAPE SOFFITS/CEILINGS - BLDG. A AE TO AT 1ST FLR	10	10	19-Jul-13	01-Aug-13	09A					
4369	INSTALL MARKERBOARDS/TACKBOARDS - BLDG. A AA TO AE 1ST FLR	3	3	22-Jul-13	24-Jul-13	09A					
7820	SHEET ROCK WALLS - BLDG. A AA TO AE 2ND FLR	10	10	22-Jul-13	02-Aug-13	09A					
4280	INSTALL MARKERBOARDS/TACKBOARDS - BLDG. B 1ST FLR	3	3	23-Jul-13	25-Jul-13	09A					

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4170	INSTALL DOORS / HARDWARE - BLDG. B 1ST FLR	5	5	23-Jul-13	29-Jul-13	09A					
7650	INSTALL DOORS / HARDWARE - BLDG. A AA TO AE 1ST FLR	5	5	23-Jul-13	29-Jul-13	09A					
7830	TAPE SHEET ROCK - BLDG. A AA TO AE 2ND FLR	10	10	25-Jul-13	07-Aug-13	09A					
8580	GYP. SOFFITS @ CLASSROOMS - BLDG. A AA TO AE 2ND FLR	10	10	25-Jul-13	07-Aug-13	09A					
8450	FRAME CEILING CORR A201F - BLDG. A AE TO AT 2ND FLR	2	2	01-Aug-13	02-Aug-13	09A					
4215	SHEETROCK SOFFITS/CEILINGS - BLDG. B 2ND FLR	10	10	01-Aug-13	14-Aug-13	09A					
4375	SHEETROCK SOFFITS/CEILINGS - BLDG. A AE TO AT 2ND FLR	8	8	05-Aug-13	14-Aug-13	09A					
4225	TAPE SOFFITS/CEILINGS - BLDG. B 2ND FLR	10	10	05-Aug-13	16-Aug-13	09A					
8440	INSTALL GYP SOFFIT @ A14/A18 LINES - BLDG. A AE TO AT 2ND FLR	10	10	05-Aug-13	16-Aug-13	09A					
4645	GYP./TAPE & FINISHC CEILING CORR A201F - BLDG. A AE TO AT 2ND FLR	4	4	07-Aug-13	12-Aug-13	09A					
4385	TAPE SOFFITS/CEILINGS - BLDG. A AE TO AT 2ND FLR	8	8	07-Aug-13	16-Aug-13	09A					
4990	INSTALL DISPLAY CASE - BLDG. A AE TO AT 1ST FLR	1	1	09-Aug-13	09-Aug-13	09A					
5350	INSTALL DOORS / HARDWARE - BLDG. A AE TO AT 1ST FLR	5	5	16-Aug-13	22-Aug-13	09A					
7840	FRAME SOFFITS @ CORRIDOR - BLDG. A AA TO AE 2ND FLR	4	4	19-Aug-13	22-Aug-13	09A					
4359	INSTALL MARKERBOARDS/TACKBOARDS - BLDG. A AE TO AT 1ST FLR	2	2	26-Aug-13	27-Aug-13	09A					
4555	SHEETROCK SOFFITS @ CORRIDOR - BLDG. A AA TO AE 2ND FLR	3	3	29-Aug-13	03-Sep-13	09A					
8020	INSTALL DOORS / HARDWARE - BLDG. A AA TO AE 2ND FLR	5	5	03-Sep-13	09-Sep-13	09A					
4565	TAPE SOFFITS @ CORRIDOR - BLDG. A AA TO AE 2ND FLR	3	3	04-Sep-13	06-Sep-13	09A					
7280	INSTALL DOORS / HARDWARE - BLDG. A AE TO AT 2ND FLR	5	5	05-Sep-13	11-Sep-13	09A					
4379	INSTALL MARKERBOARDS/TACKBOARDS - BLDG. A AE TO AT 2ND FLR	2	2	10-Sep-13	11-Sep-13	09A					
4710	INSTALL DOORS / HARDWARE - BLDG. B 2ND FLR	5	5	10-Sep-13	16-Sep-13	09A					
8270	INSTALL MARKERBOARDS/TACKBOARDS - BLDG. B 2ND FLR	5	5	17-Sep-13	23-Sep-13	09A					
8470	INSTALL ACOUSTIC WALL PANELS - BLDG. A AE TO AT 2ND FLR	4	4	18-Sep-13	23-Sep-13	09A					
4389	INSTALL MARKERBOARDS/TACKBOARDS - BLDG. A AA TO AE 2ND FLR	3	3	10-Oct-13	14-Oct-13	09A					
12180	REMOVE/RELOCATE MILLWORK @ HAIRDRESSING - 2 STORY CLASSROO...	5	5	31-Dec-13	07-Jan-14	09A					
12160	TEMP. WEATHTIGHT BARRIER - XAA LINE WEST EXTR. WALL 2 STORY WI...	5	5	29-Jan-14	04-Feb-14	09A					
8350	LAYOUT FLOOR & TOP TRACK - 2ND FLR 2 STORY WING RENO PH3	2	2	13-Feb-14	14-Feb-14	09A					
6260	PARAPET FRAMING/SHEATHING - 2 STORY WING RENO PH3	10	10	20-Feb-14	05-Mar-14	09A					
10350	STUD FRAME WALLS - 2ND FLR 2 STORY WING RENO PH3	10	10	17-Mar-14	28-Mar-14	09A					
10470	LAYOUT FLOOR & TOP TRACK - 1ST FLR 2 STORY WING RENO PH3	2	2	19-Mar-14	20-Mar-14	09A					
10230	METAL STUD FRAMING AT PARAPET - PHASE 3 SHOP WING RENO	8	8	20-Mar-14	31-Mar-14	09A					
10290	FRAME/SHEATH SKYLIGHT CURBS - PHASE 3 SHOP WING RENO	5	5	25-Mar-14	31-Mar-14	09A					
10210	INSTALL OVERHEAD DOORS - PHASE 3 SHOP WING RENO	10	10	03-Apr-14	16-Apr-14	09A					
10790	STUD FRAME WALLS - 1ST FLR 2 STORY WING RENO PH3	10	10	16-Apr-14	29-Apr-14	09A					
10400	SHEET ROCK WALLS - 2ND FLR 2 STORY WING RENO PH3	10	10	30-Apr-14	13-May-14	09A					
10410	TAPE SHEET ROCK - 2ND FLR 2 STORY WING RENO PH3	10	10	05-May-14	16-May-14	09A					

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10420	FRAME SOFFITS/FLAT CEILINGS - 2ND FLR 2 STORY WING RENO PH3	8	8	09-May-14	20-May-14	09A					
10840	SHEET ROCK WALLS - 1ST FLR 2 STORY WING RENO PH3	10	10	15-May-14	28-May-14	09A					
10850	TAPE SHEET ROCK - 1ST FLR 2 STORY WING RENO PH3	10	10	20-May-14	02-Jun-14	09A					
5035	SHEETROCK SOFFITS/CEILINGS - 2ND FLR 2 STORY WING RENO PH3	8	8	21-May-14	30-May-14	09A					
6300	FRAME BEAM ENCLOSURES @ SUNSCREEN - 2 STORY WING RENO PH3	10	10	21-May-14	03-Jun-14	09A					
5055	TAPE SOFFITS/CEILINGS - 2ND FLR 2 STORY WING RENO PH3	8	8	23-May-14	03-Jun-14	09A					
10860	FRAME SOFFITS/FLAT CEILINGS - 1ST FLR 2 STORY WING RENO PH3	5	5	29-May-14	04-Jun-14	09A					
9980	FRAME SOFFITS/FLAT CEILINGS - PHASE 3 SHOP WING RENO	7	7	30-May-14	09-Jun-14	09A					
11210	INSTALL OVERHEAD DOORS - ANNEX BLDG.	1	1	05-Jun-14	05-Jun-14	09A					
5095	SHEETROCK SOFFITS/CEILINGS - 1ST FLR 2 STORY WING RENO PH3	5	5	10-Jun-14	16-Jun-14	09A					
5105	TAPE SOFFITS/CEILINGS - 1ST FLR 2 STORY WING RENO PH3	5	5	12-Jun-14	18-Jun-14	09A					
11230	FIBER CEMENT EXTR. PANELS - ANNEX BLDG.	15	15	13-Jun-14	03-Jul-14	09A					
11610	FRAME SOFFITS/FLAT CEILINGS - FITNESS AREA	2	2	17-Jun-14	18-Jun-14	09A					
4915	SHEETROCK SOFFITS/CEILINGS - PHASE 3 SHOP WING RENO	5	5	17-Jun-14	23-Jun-14	09A					
11560	STUD FRAME WALLS - FITNESS AREA	5	5	17-Jun-14	23-Jun-14	09A					
11150	DRYWALL PATCH AT EXTERIOR WALL - ANNEX BLDG.	10	10	19-Jun-14	02-Jul-14	09A					
4925	TAPE SOFFITS/CEILINGS - PHASE 3 SHOP WING RENO	5	5	20-Jun-14	26-Jun-14	09A					
5215	SHEETROCK SOFFITS/CEILINGS - FITNESS AREA	2	2	24-Jun-14	25-Jun-14	09A					
9650	INSTALL DOORS / HARDWARE - PHASE 3 SHOP WING RENO	5	5	24-Jun-14	30-Jun-14	09A					
4489	INSTALL MARKERBOARDS/TACKBOARDS - 2ND FLR 2 STORY WING RENO ...	2	2	25-Jun-14	26-Jun-14	09A					
5225	TAPE SOFFITS/CEILINGS - FITNESS AREA	3	3	26-Jun-14	30-Jun-14	09A					
11590	SHEET ROCK WALLS - FITNESS AREA	5	5	02-Jul-14	08-Jul-14	09A					
10680	INSTALL ACOUSTIC WALL PANELS - 2ND FLR 2 STORY WING RENO PH3	4	4	03-Jul-14	08-Jul-14	09A					
10630	INSTALL DOORS / HARDWARE - 2ND FLR 2 STORY WING RENO PH3	5	5	04-Jul-14	10-Jul-14	09A					
11060	INSTALL DOORS / HARDWARE - 1ST FLR 2 STORY WING RENO PH3	5	5	04-Jul-14	10-Jul-14	09A					
11600	TAPE SHEET ROCK - FITNESS AREA	5	5	07-Jul-14	11-Jul-14	09A					
4509	INSTALL MARKERBOARDS/TACKBOARDS - 1ST FLR 2 STORY WING RENO ...	2	2	16-Jul-14	17-Jul-14	09A					
11180	WIRE MESH PARTITIONS - ANNEX BLDG.	1	1	24-Jul-14	24-Jul-14	09A					
11200	INSTALL DOORS/HARDWARE - ANNEX BLDG.	1	1	24-Jul-14	24-Jul-14	09A					
11110	INSTALL ACOUSTIC WALL PANELS - 1ST FLR 2 STORY WING RENO PH3	4	4	24-Jul-14	29-Jul-14	09A					
11720	INSTALL DOORS / HARDWARE - FITNESS AREA	2	2	06-Aug-14	07-Aug-14	09A					
<b>CERAMIC TILE</b>											
1670	AWARD CONTRACT - CERAMIC TILE	0	0	19-Jan-12		09B					
1712	PREP/SUB PD/SD - CERAMIC TILE	10	10	19-Jan-12	01-Feb-12	09B					
1722	PREP/SUB SAMPLES - CERAMIC TILE	10	10	19-Jan-12	01-Feb-12	09B					
1902	PREP/SUB PD/SAMPLES - EPOXY RESINOUS FLOORING	10	10	19-Jan-12	01-Feb-12	09B					

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1932	PREP/SUB PD/SD/SAMPLES - PRECAST TERRAZZO FLOORING	10	10	19-Jan-12	01-Feb-12	09B					
1942	PREP/SUB PD/SD/SAMPLES - ENTRANCE FLOOR GRILLES	10	10	19-Jan-12	01-Feb-12	09B					
1714	REV/APP PD/SD - CERAMIC TILE	10	10	02-Feb-12	15-Feb-12	09B					
1724	REV/APP SAMPLES - CERAMIC TILE	10	10	02-Feb-12	15-Feb-12	09B					
1904	REV/APP PD/SAMPLES - EPOXY RESINOUS FLOORING	10	10	02-Feb-12	15-Feb-12	09B					
1934	REV/APP PD/SD/SAMPLES - PRECAST TERRAZZO FLOORING	10	10	02-Feb-12	15-Feb-12	09B					
1944	REV/APP PD/SD/SAMPLES - ENTRANCE FLOOR GRILLES	10	10	02-Feb-12	15-Feb-12	09B					
1716	FAB/DEL CERAMIC TILE	30	30	16-Feb-12	28-Mar-12	09B					
1896	FAB/DEL EPOXY RESINOUS FLOORING	30	30	16-Feb-12	28-Mar-12	09B					
1926	FAB/DEL PRECAST TERRAZZO FLOORING	30	30	16-Feb-12	28-Mar-12	09B					
1936	FAB/DEL ENTRANCE FLOOR GRILLES	40	40	16-Feb-12	11-Apr-12	09B					
1678	MOBILIZE ON SITE - CERAMIC TILE	0	0	02-Nov-12		09B					
8850	CERAMIC TILE TOILETS - PHASE 1 RENO	5	5	02-Nov-12	08-Nov-12	09B					
9450	CERAMIC TILE TOILETS - PHASE 2 RENO	5	5	10-May-13	16-May-13	09B					
7520	CERAMIC TILE TOILETS - BLDG. A AA TO AE 1ST FLR	5	5	24-Jun-13	28-Jun-13	09B					
4230	CERAMIC TILE TOILETS - BLDG. B 1ST FLR	5	5	09-Jul-13	15-Jul-13	09B					
4960	CERAMIC TILE TOILETS - BLDG. A AE TO AT 1ST FLR	5	5	15-Jul-13	19-Jul-13	09B					
7150	CERAMIC TILE TOILETS - BLDG. A AE TO AT 2ND FLR	5	5	01-Aug-13	07-Aug-13	09B					
7890	CERAMIC TILE TOILETS - BLDG. A AA TO AE 2ND FLR	5	5	15-Aug-13	21-Aug-13	09B					
4580	CERAMIC TILE TOILETS - BLDG. B 2ND FLR	5	5	26-Aug-13	30-Aug-13	09B					
10480	CERAMIC TILE TOILETS - 2ND FLR 2 STORY WING RENO PH3	5	5	26-May-14	30-May-14	09B					
10910	CERAMIC TILE TOILETS - 1ST FLR 2 STORY WING RENO PH3	5	5	10-Jun-14	16-Jun-14	09B					
9960	CERAMIC TILE TOILETS - PHASE 3 SHOP WING RENO	5	5	01-Jul-14	07-Jul-14	09B					
11630	CERAMIC TILE TOILETS - FITNESS AREA	5	5	17-Jul-14	23-Jul-14	09B					
<b>CARPET &amp; RESILIENT FLOORING</b>											
1680	AWARD CONTRACT - CARPET & RESILIENT FLOORING	0	0	19-Jan-12		09C					
1862	PREP/SUB PD/SAMPLES - RESILIENT FLORING & BASE	10	10	19-Jan-12	01-Feb-12	09C					
1882	PREP/SUB PD/SAMPLES - CARPETING	10	10	19-Jan-12	01-Feb-12	09C					
1864	REV/APP PD/SAMPLES - RESILIENT FLOORING & BASE	10	10	02-Feb-12	15-Feb-12	09C					
1884	REV/APP PD/SAMPLES - CARPETING	10	10	02-Feb-12	15-Feb-12	09C					
1866	FAB/DEL RESILIENT FLOORING	30	30	16-Feb-12	28-Mar-12	09C					
1876	FAB/DEL CARPETING	40	40	16-Feb-12	11-Apr-12	09C					
1688	MOBILIZE ON SITE - CARPET & RESILIENT FLOORING	0	0	30-Nov-12		09C					
8830	CARPET / RESILIENT - PHASE 1 RENO	10	10	30-Nov-12	13-Dec-12	09C					
9430	CARPET / RESILIENT - PHASE 2 RENO	10	10	22-May-13	04-Jun-13	09C					
4210	CARPET / RESILIENT - BLDG. B 1ST FLR	10	10	16-Jul-13	29-Jul-13	09C					

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8620	WOOD FLOORING @ MP ROOM - BLDG. A AA TO AE 1ST FLR	5	5	02-Aug-13	08-Aug-13	09C					
7680	CARPET / RESILIENT - BLDG. A AA TO AE 1ST FLR	10	10	05-Aug-13	16-Aug-13	09C					
6900	CARPET / RESILIENT - BLDG. A AE TO AT 1ST FLR	10	10	03-Sep-13	16-Sep-13	09C					
7310	CARPET / RESILIENT - BLDG. A AE TO AT 2ND FLR	10	10	17-Sep-13	30-Sep-13	09C					
4740	CARPET / RESILIENT - BLDG. B 2ND FLR	15	15	17-Sep-13	07-Oct-13	09C					
8050	CARPET / RESILIENT - BLDG. A AA TO AE 2ND FLR	10	10	03-Oct-13	16-Oct-13	09C					
10670	CARPET / RESILIENT - 2ND FLR 2 STORY WING RENO PH3	15	15	25-Jun-14	15-Jul-14	09C					
9940	CARPET / RESILIENT - PHASE 3 SHOP WING RENO	10	10	30-Jun-14	11-Jul-14	09C					
11100	CARPET / RESILIENT - 1ST FLR 2 STORY WING RENO PH3	10	10	16-Jul-14	29-Jul-14	09C					
11750	CARPET / RESILIENT - FITNESS AREA	4	4	04-Aug-14	07-Aug-14	09C					

**ACOUSTICAL CEILINGS**

1810	AWARD CONTRACT - ACOUSTICAL CEILINGS	0	0	19-Jan-12		09D					
1812	PREP/SUB PD/SD - ACOUSTIC. CLG.	10	10	19-Jan-12	01-Feb-12	09D					
1822	PREP/SUB SAMPLES - ACOUSTIC. CLG.	10	10	19-Jan-12	01-Feb-12	09D					
2262	PREP/SUB PD/SD/SAMPLE - CUBICLE CURTAIN TRACK	10	10	19-Jan-12	01-Feb-12	09D					
1832	PREP/SUB PD/SD - LINEAR METAL CEILINGS	10	10	19-Jan-12	01-Feb-12	09D					
1842	PREP/SUB SAMPLES - LINEAR METAL CEILINGS	10	10	19-Jan-12	01-Feb-12	09D					
1852	PREP/SUB PD/SD - WOOD PANEL CEILING CANOPIES	10	10	19-Jan-12	01-Feb-12	09D					
1872	PREP/SUB SAMPLES - WOOD PANEL CEILING CANOPIES	10	10	19-Jan-12	01-Feb-12	09D					
1814	REV/APP PD/SD - ACOUSTIC. CLG.	10	10	02-Feb-12	15-Feb-12	09D					
1824	REV/APP SAMPLES - ACOUSTIC. CLG.	10	10	02-Feb-12	15-Feb-12	09D					
2264	REV/APP PD/SD/SAMPLE - CUBICLE CURTAIN TRACK	10	10	02-Feb-12	15-Feb-12	09D					
1834	REV/APP PD/SD - LINEAR METAL CEILINGS	10	10	02-Feb-12	15-Feb-12	09D					
1844	REV/APP SAMPLES - LINEAR METAL CEILINGS	10	10	02-Feb-12	15-Feb-12	09D					
1854	REV/APP PD/SD - WOOD PANEL CEILING CANOPIES	10	10	02-Feb-12	15-Feb-12	09D					
1874	REV/APP SAMPLES - WOOD PANEL CEILING CANOPIES	10	10	02-Feb-12	15-Feb-12	09D					
2266	FAB/DEL CUBICLE CURTAIN TRACK	25	25	16-Feb-12	21-Mar-12	09D					
1816	FAB/DEL ACOUSTIC.CLG.	30	30	16-Feb-12	28-Mar-12	09D					
1826	FAB/DEL LINEAR METAL CEILINGS	30	30	16-Feb-12	28-Mar-12	09D					
1836	FAB/DEL WOOD PANEL CEILING CANOPIES	30	30	16-Feb-12	28-Mar-12	09D					
1818	MOBILIZE ON SITE - ACOUSTICAL CEILINGS	0	0	31-Oct-12		09D					
8740	CEILING GRID - PHASE 1 RENO	6	6	31-Oct-12	07-Nov-12	09D					
8780	CEILING TILE - PHASE 1 RENO	5	5	07-Dec-12	13-Dec-12	09D					
9340	CEILING GRID - PHASE 2 RENO	2	2	06-May-13	07-May-13	09D					
9380	CEILING TILE - PHASE 2 RENO	1	1	22-May-13	22-May-13	09D					
7180	INSTALL LINEAR METAL CEILING @ MP ROOM - BLDG. A AA TO AE 1ST FLR	5	5	27-Jun-13	03-Jul-13	09D					

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7580	CEILING GRID @ CLASSROOMS - BLDG. A AA TO AE 1ST FLR	10	10	27-Jun-13	11-Jul-13	09D					
4120	CEILING GRID - BLDG. B 1ST FLR	5	5	09-Jul-13	15-Jul-13	09D					
7220	INSTALL WOOD CANOPY CEILING - BLDG. A AA TO AE 1ST FLR	5	5	19-Jul-13	25-Jul-13	09D					
8570	CEILING GRID @ CORRIDOR - BLDG. A AA TO AE 1ST FLR	5	5	22-Jul-13	26-Jul-13	09D					
7630	CEILING TILE - BLDG. A AA TO AE 1ST FLR	15	15	22-Jul-13	09-Aug-13	09D					
4160	CEILING TILE - BLDG. B 1ST FLR	5	5	23-Jul-13	29-Jul-13	09D					
5020	CEILING GRID - BLDG. A AE TO AT 1ST FLR	13	13	31-Jul-13	16-Aug-13	09D					
7950	CEILING GRID @ CLASSROOMS - BLDG. A AA TO AE 2ND FLR	10	10	15-Aug-13	28-Aug-13	09D					
4640	CEILING GRID - BLDG. B 2ND FLR	10	10	19-Aug-13	30-Aug-13	09D					
7210	CEILING GRID - BLDG. A AE TO AT 2ND FLR	10	10	19-Aug-13	30-Aug-13	09D					
5070	CEILING TILE - BLDG. A AE TO AT 1ST FLR	10	10	26-Aug-13	09-Sep-13	09D					
8290	INSTALL CUBICLE CURTAIN TRACK - BLDG. B 2ND FLR	1	1	10-Sep-13	10-Sep-13	09D					
4690	CEILING TILE - BLDG. B 2ND FLR	10	10	10-Sep-13	23-Sep-13	09D					
7260	CEILING TILE - BLDG. A AE TO AT 2ND FLR	10	10	10-Sep-13	23-Sep-13	09D					
7960	CORRIDOR CEILING GRID - BLDG. A AA TO AE 2ND FLR	5	5	12-Sep-13	18-Sep-13	09D					
8000	CEILING TILE - BLDG. A AA TO AE 2ND FLR	10	10	26-Sep-13	09-Oct-13	09D					
9600	CEILING GRID - PHASE 3 SHOP WING RENO	3	3	04-Jun-14	06-Jun-14	09D					
10530	CEILING GRID - 2ND FLR 2 STORY WING RENO PH3	10	10	04-Jun-14	17-Jun-14	09D					
10960	CEILING GRID - 1ST FLR 2 STORY WING RENO PH3	15	15	18-Jun-14	08-Jul-14	09D					
10640	CEILING TILE - 2ND FLR 2 STORY WING RENO PH3	10	10	25-Jun-14	08-Jul-14	09D					
9640	CEILING TILE - PHASE 3 SHOP WING RENO	5	5	14-Jul-14	18-Jul-14	09D					
11070	CEILING TILE - 1ST FLR 2 STORY WING RENO PH3	10	10	16-Jul-14	29-Jul-14	09D					
11650	CEILING GRID - FITNESS AREA	5	5	17-Jul-14	23-Jul-14	09D					
11740	CEILING TILE - FITNESS AREA	2	2	04-Aug-14	05-Aug-14	09D					

**PAINTING & WALLCOVERING**

1690	AWARD CONTRACT - PAINTING	0	0	19-Jan-12		09E					
1962	PREP/SUB SAMPLES - PAINT	10	10	19-Jan-12	01-Feb-12	09E					
1972	PREP/SUB PD - PAINT	10	10	19-Jan-12	01-Feb-12	09E					
1982	PREP/SUB SAMPLES - MULTI-COLOR PAINT	10	10	19-Jan-12	01-Feb-12	09E					
1992	PREP/SUB PD - MULTI-COLOR PAINT	10	10	19-Jan-12	01-Feb-12	09E					
1964	REV/APP SAMPLES - PAINT	10	10	02-Feb-12	15-Feb-12	09E					
1974	REV/APP PD - PAINT	10	10	02-Feb-12	15-Feb-12	09E					
1984	REV/APP SAMPLES - MULTI-COLOR PAINT	10	10	02-Feb-12	15-Feb-12	09E					
1994	REV/APP PD - MULTI-COLOR PAINT	10	10	02-Feb-12	15-Feb-12	09E					
1966	FAB/DEL PAINT	15	15	16-Feb-12	07-Mar-12	09E					
1976	FAB/DEL MULTI-COLOR PAINT	15	15	16-Feb-12	07-Mar-12	09E					

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1698	MOBILIZE ON SITE - PAINTING	0	0	26-Oct-12		09E					
8730	PRIME PAINT - PHASE 1 RENO	5	5	26-Oct-12	01-Nov-12	09E					
8920	PAINT EXPOSED CEILINGS - PHASE 1 RENO	5	5	23-Nov-12	29-Nov-12	09E					
8800	FINAL PAINT - PHASE 1 RENO	5	5	26-Nov-12	30-Nov-12	09E					
8910	PRIME PAINT @ GYP. SOFFITS - PHASE 1 RENO	3	3	28-Nov-12	30-Nov-12	09E					
9330	PRIME PAINT - PHASE 2 RENO	3	3	03-Apr-13	05-Apr-13	09E					
9510	PRIME PAINT @ GYP. SOFFITS - PHASE 2 RENO	1	1	25-Apr-13	25-Apr-13	09E					
9820	PAINT EXPOSED CEILINGS - PHASE 2 RENO	5	5	15-May-13	21-May-13	09E					
8370	BLOCK FILLER - BLDG. A AE TO AT 1ST FLR	3	3	16-May-13	20-May-13	09E					
4110	BLOCK FILLER/PRIME PAINT - BLDG. B 1ST FLR	5	5	21-May-13	27-May-13	09E					
9400	FINAL PAINT - PHASE 2 RENO	3	3	23-May-13	27-May-13	09E					
8260	BLOCK FILLER/PRIME PAINT @ CMU - BLDG. B 2ND FLR	5	5	13-Jun-13	19-Jun-13	09E					
8410	PRIME PAINT TOILET RM CEILING - BLDG. A AA TO AE 1ST FLR	1	1	19-Jun-13	19-Jun-13	09E					
7510	PRIME PAINT - BLDG. A AA TO AE 1ST FLR	5	5	20-Jun-13	26-Jun-13	09E					
4290	PRIME PAINT @ GYP. SOFFITS/CEILINGS - BLDG. B 1ST FLR	5	5	01-Jul-13	08-Jul-13	09E					
4310	PAINT DRYWALL CEILING / EXPOSED OVERHEAD MEP @ B112/B102 - BLD...	5	5	05-Jul-13	11-Jul-13	09E					
4950	PRIME PAINT - BLDG. A AE TO AT 1ST FLR	5	5	08-Jul-13	12-Jul-13	09E					
8530	PRIME PAINT TOILET RM CEILING - BLDG. A AA TO AE 2ND FLR	1	1	17-Jul-13	17-Jul-13	09E					
7570	PRIME PAINT @ CORR. SOFFITS - BLDG. A AA TO AE 1ST FLR	2	2	18-Jul-13	19-Jul-13	09E					
7140	PRIME PAINT - BLDG. A AE TO AT 2ND FLR	5	5	25-Jul-13	31-Jul-13	09E					
4180	FINAL PAINT - BLDG. B 1ST FLR	5	5	30-Jul-13	05-Aug-13	09E					
4570	PRIME PAINT - BLDG. B 2ND FLR	5	5	01-Aug-13	07-Aug-13	09E					
5010	PRIME PAINT @ GYP. SOFFITS - BLDG. A AE TO AT 1ST FLR	5	5	02-Aug-13	08-Aug-13	09E					
7880	PRIME PAINT - BLDG. A AA TO AE 2ND FLR	5	5	08-Aug-13	14-Aug-13	09E					
7660	FINAL PAINT - BLDG. A AA TO AE 1ST FLR	5	5	12-Aug-13	16-Aug-13	09E					
4630	PRIME PAINT @ GYP. SOFFITS - BLDG. B 2ND FLR	5	5	19-Aug-13	23-Aug-13	09E					
7200	PRIME PAINT @ GYP. SOFFITS - BLDG. A AE TO AT 2ND FLR	5	5	19-Aug-13	23-Aug-13	09E					
7940	PRIME PAINT @ CORR. SOFFITS - BLDG. A AA TO AE 2ND FLR	3	3	09-Sep-13	11-Sep-13	09E					
5440	FINAL PAINT - BLDG. A AE TO AT 1ST FLR	5	5	10-Sep-13	16-Sep-13	09E					
7290	FINAL PAINT - BLDG. A AE TO AT 2ND FLR	5	5	24-Sep-13	30-Sep-13	09E					
4720	FINAL PAINT - BLDG. B 2ND FLR	10	10	24-Sep-13	07-Oct-13	09E					
8030	FINAL PAINT - BLDG. A AA TO AE 2ND FLR	5	5	10-Oct-13	16-Oct-13	09E					
10460	PRIME PAINT - 2ND FLR 2 STORY WING RENO PH3	5	5	19-May-14	23-May-14	09E					
9590	PRIME PAINT - PHASE 3 SHOP WING RENO	5	5	27-May-14	02-Jun-14	09E					
10520	PRIME PAINT @ GYP. SOFFITS - 2ND FLR 2 STORY WING RENO PH3	5	5	30-May-14	05-Jun-14	09E					
10900	PRIME PAINT - 1ST FLR 2 STORY WING RENO PH3	5	5	03-Jun-14	09-Jun-14	09E					

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11550	BLOCK FILLER @ CMU WALLS - FITNESS ROOM AREA	1	1	16-Jun-14	16-Jun-14	09E					
10950	PRIME PAINT @ GYP. SOFFITS - 1ST FLR 2 STORY WING RENO PH3	5	5	19-Jun-14	25-Jun-14	09E					
10330	PAINT EXPOSED CEILINGS - PHASE 3 SHOP WING RENO	4	4	24-Jun-14	27-Jun-14	09E					
9660	FINAL PAINT - PHASE 3 SHOP WING RENO	5	5	24-Jun-14	30-Jun-14	09E					
10020	PRIME PAINT @ GYP. SOFFITS - PHASE 3 SHOP WING RENO	3	3	26-Jun-14	30-Jun-14	09E					
11660	PRIME PAINT @ GYP. SOFFITS - FITNESS AREA	1	1	01-Jul-14	01-Jul-14	09E					
10690	FINAL PAINT - 2ND FLR 2 STORY WING RENO PH3	5	5	09-Jul-14	15-Jul-14	09E					
11620	PRIME PAINT - FITNESS AREA	3	3	14-Jul-14	16-Jul-14	09E					
11090	PAINT EXPOSED CEILINGS - ANNEX BLDG.	4	4	17-Jul-14	22-Jul-14	09E					
11190	FINISH PAINT WALLS - ANNEX BLDG.	1	1	23-Jul-14	23-Jul-14	09E					
11120	FINAL PAINT - 1ST FLR 2 STORY WING RENO PH3	5	5	23-Jul-14	29-Jul-14	09E					
11760	FINAL PAINT - FITNESS AREA	3	3	05-Aug-14	07-Aug-14	09E					

**WOOD & ATHLETIC FLOORING**

1700	AWARD CONTRACT - WOOD & ATHLETIC FLOORING	0	0	19-Jan-12		09F					
1892	PREP/SUB PD/SAMPLES - WOOD FLOORING	10	10	19-Jan-12	01-Feb-12	09F					
1912	PREP/SUB PD/SAMPLES - RESILIENT ATHLETIC FLOORING	10	10	19-Jan-12	01-Feb-12	09F					
1952	PREP/SUB PD/SAMPLES - WOOD FLOORING RESTORATION	10	10	19-Jan-12	01-Feb-12	09F					
1894	REV/APP PD/SAMPLES - WOOD FLOORING	10	10	02-Feb-12	15-Feb-12	09F					
1914	REV/APP PD/SAMPLES - RESILIENT ATHLETIC FLOORING	10	10	02-Feb-12	15-Feb-12	09F					
1954	REV/APP PD/SAMPLES - WOOD FLOORING RESTORATION	10	10	02-Feb-12	15-Feb-12	09F					
1946	FAB/DEL WOOD FLOORING RESTORATION	20	20	16-Feb-12	14-Mar-12	09F					
1906	FAB/DEL RESILIENT ATHLETIC FLOORING	30	30	16-Feb-12	28-Mar-12	09F					
1886	FAB/DEL WOOD FLOORING	40	40	16-Feb-12	11-Apr-12	09F					
1708	MOBILIZE ON SITE - WOOD & ATHLETIC FLOORING	0	0	30-Nov-12		09F					
4775	WOOD FLOORING @ ELEC. ROOM - PHASE 1 RENO	5	5	30-Nov-12	06-Dec-12	09F					
11780	RESILIENT ATHLETIC FLOORING - FITNESS ROOM AREA	4	4	31-Jul-14	05-Aug-14	09F					

**SIGNAGE**

1710	AWARD CONTRACT - SIGNAGE	0	0	19-Jan-12		10A					
2412	PREP/SUB PD/SD/SCHEDULE - INTERIOR SIGNAGE	10	10	19-Jan-12	01-Feb-12	10A					
2542	PREP/SUB PD/SD/SAMPLES - ELECTRONIC MESSAGE SIGNAGE	10	10	19-Jan-12	01-Feb-12	10A					
2414	REV/APP PD/SD/SCHEDULE - INTERIOR SIGNAGE	10	10	02-Feb-12	15-Feb-12	10A					
2544	REV/APP PD/SD/SAMPLES - ELECTRONIC MESSAGE SIGNAGE	10	10	02-Feb-12	15-Feb-12	10A					
2546	FAB/DEL ELECTRONIC MESSAGE SIGNAGE	30	30	16-Feb-12	28-Mar-12	10A					
2416	FAB/DEL INTERIOR SIGNAGE	40	40	16-Feb-12	11-Apr-12	10A					
1718	MOBILIZE ON SITE - SIGNAGE	0	0	03-Dec-12		10A					
12090	INSTALL SIGNAGE - PHASE 1 RENO	5	5	03-Dec-12	07-Dec-12	10A					

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12110	INSTALL SIGNAGE - PHASE 2 RENO	1	1	23-May-13	23-May-13	10A					
12100	INSTALL SIGNAGE - BLDG. A AND B ADDITIONS	10	10	24-Sep-13	07-Oct-13	10A					
12130	INSTALL SIGNAGE - PHASE 3 SHOP WING RENOVATIONS	3	3	14-Jul-14	16-Jul-14	10A					
12120	INSTALL SIGNAGE - PHASE 3 2 STORY WING RENO	5	5	16-Jul-14	22-Jul-14	10A					
12150	INSTALL SIGNAGE - PHASE 2 RENO	2	2	24-Jul-14	25-Jul-14	10A					
12140	INSTALL SIGNAGE - PHASE 3 FITNESS AREA	1	1	04-Aug-14	04-Aug-14	10A					
<b>TOILET COMPARTMENTS AND ACCESSORIES</b>											
1720	AWARD CONTRACT - TOILET COMPARTMENTS & ACCESSORIES	0	0	19-Jan-12		10B					
2012	PREP/SUB PD/SD/SAMPLE - TOILET PARTITIONS	10	10	19-Jan-12	01-Feb-12	10B					
2062	PREP/SUB PD/SD - TOILET ACCESSORIES	10	10	19-Jan-12	01-Feb-12	10B					
2014	REV/APP PD/SD/SAMPLE - TOILET PARTITIONS	10	10	02-Feb-12	15-Feb-12	10B					
2064	REV/APP PD/SD - TOILET ACCESSORIES	10	10	02-Feb-12	15-Feb-12	10B					
2016	FAB/DEL TOILET PARTITIONS	35	35	16-Feb-12	04-Apr-12	10B					
2066	FAB/DEL TOILET ACCESSORIES	35	35	16-Feb-12	04-Apr-12	10B					
1728	MOBILIZE ON SITE - TOILET COMPARTMENTS & ACCESSORIES	0	0	16-Nov-12		10B					
8880	TOILET PARTITIONS - PHASE 1 RENO	5	5	16-Nov-12	23-Nov-12	10B					
8890	TOILET ACCESSORIES - PHASE 1 RENO	3	3	26-Nov-12	28-Nov-12	10B					
9480	TOILET PARTITIONS - PHASE 2 RENO	1	1	22-May-13	22-May-13	10B					
9490	TOILET ACCESSORIES - PHASE 2 RENO	1	1	23-May-13	23-May-13	10B					
7550	TOILET PARTITIONS - BLDG. A AA TO AE 1ST FLR	5	5	12-Jul-13	18-Jul-13	10B					
7560	TOILET ACCESSORIES - BLDG. A AA TO AE 1ST FLR	3	3	19-Jul-13	23-Jul-13	10B					
4260	TOILET PARTITIONS - BLDG. B 1ST FLR	5	5	23-Jul-13	29-Jul-13	10B					
5000	TOILET ACCESSORIES - BLDG. A AE TO AT 1ST FLR	3	3	29-Jul-13	31-Jul-13	10B					
4270	TOILET ACCESSORIES - BLDG. B 1ST FLR	3	3	30-Jul-13	01-Aug-13	10B					
7190	TOILET ACCESSORIES - BLDG. A AE TO AT 2ND FLR	3	3	15-Aug-13	19-Aug-13	10B					
7920	TOILET PARTITIONS - BLDG. A AA TO AE 2ND FLR	5	5	06-Sep-13	12-Sep-13	10B					
4610	TOILET PARTITIONS - BLDG. B 2ND FLR	5	5	11-Sep-13	17-Sep-13	10B					
7930	TOILET ACCESSORIES - BLDG. A AA TO AE 2ND FLR	3	3	13-Sep-13	17-Sep-13	10B					
4620	TOILET ACCESSORIES - BLDG. B 2ND FLR	3	3	18-Sep-13	20-Sep-13	10B					
10510	TOILET ACCESSORIES - 2ND FLR 2 STORY WING RENO PH3	3	3	09-Jun-14	11-Jun-14	10B					
10940	TOILET ACCESSORIES - 1ST FLR 2 STORY WING RENO PH3	3	3	24-Jun-14	26-Jun-14	10B					
9990	TOILET PARTITIONS - PHASE 3 SHOP WING RENO	5	5	15-Jul-14	21-Jul-14	10B					
10000	TOILET ACCESSORIES - PHASE 3 SHOP WING RENO	3	3	22-Jul-14	24-Jul-14	10B					
11240	INSTALL TOILET ACCESSORIES - ANNEX BLDG.	1	1	29-Jul-14	29-Jul-14	10B					
11670	TOILET ACCESSORIES - FITNESS AREA	1	1	29-Jul-14	29-Jul-14	10B					
<b>ACCORDIAN FOLDING PARTITION</b>											

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1730	AWARD CONTRACT - ACCORDIAN FOLDING PARTITION	0	0	19-Jan-12		10C					
1612	PREP/SUB PD/SD - ACCORDIAN FOLDING PARTITION	10	10	19-Jan-12	01-Feb-12	10C					
1614	REV/APP PD/SD - ACCORDIAN FOLDING PARTITION	10	10	02-Feb-12	15-Feb-12	10C					
1616	FAB/DEL ACCORDIAN FOLDING PARTITION	40	40	16-Feb-12	11-Apr-12	10C					
1738	MOBILIZE ON SITE - ACCORDIAN FOLDING PARTITION	0	0	08-May-13		10C					
8600	INSTALL ACCORDIAN PARTITION TRACK - BLDG. A AA TO AE 1ST FLR	2	2	08-May-13	09-May-13	10C					
8630	INSTALL ACCORDIAN PARTITION @ MP ROOM - BLDG. A AA TO AE 1ST FLR	2	2	26-Jul-13	29-Jul-13	10C					
<b>LOCKERS</b>											
1740	AWARD CONTRACT - LOCKERS	0	0	19-Jan-12		10D					
2162	PREP/SUB PD/SD/COLOR CHARTS - METAL LOCKERS	10	10	19-Jan-12	01-Feb-12	10D					
2164	REV/APP PD/SD/COLOR CHARTS - METAL LOCKERS	10	10	02-Feb-12	15-Feb-12	10D					
2166	FAB/DEL METAL LOCKERS	40	40	16-Feb-12	11-Apr-12	10D					
1748	MOBILIZE ON SITE - METAL LOCKERS	0	0	03-Dec-12		10D					
4409	INSTALL LOCKERS - PHASE 1 RENO	5	5	03-Dec-12	07-Dec-12	10D					
4439	INSTALL LOCKERS - PHASE 2 RENO	4	4	10-May-13	15-May-13	10D					
8240	INSTALL LOCKERS - BLDG. B 1ST FLR	5	5	09-Jul-13	15-Jul-13	10D					
8420	INSTALL LOCKERS - BLDG. A AA TO AE 1ST FLR	10	10	29-Jul-13	09-Aug-13	10D					
4970	INSTALL LOCKERS - BLDG. A AE TO AT 1ST FLR	5	5	09-Aug-13	15-Aug-13	10D					
8280	INSTALL LOCKERS - BLDG. B 2ND FLR	5	5	03-Sep-13	09-Sep-13	10D					
8480	INSTALL LOCKERS - BLDG. A AE TO AT 2ND FLR	5	5	03-Sep-13	09-Sep-13	10D					
8560	INSTALL LOCKERS - BLDG. A AA TO AE 2ND FLR	10	10	19-Sep-13	02-Oct-13	10D					
10610	INSTALL LOCKERS - 2ND FLR 2 STORY WING RENO PH3	10	10	18-Jun-14	01-Jul-14	10D					
4469	INSTALL LOCKERS - PHASE 3 SHOP WING RENO	5	5	01-Jul-14	07-Jul-14	10D					
11040	INSTALL LOCKERS - 1ST FLR 2 STORY WING RENO PH3	5	5	09-Jul-14	15-Jul-14	10D					
11730	INSTALL LOCKERS - FITNESS AREA	4	4	24-Jul-14	29-Jul-14	10D					
<b>STAGE CURTAINS</b>											
1750	AWARD CONTRACT - STAGE CURTAINS	0	0	19-Jan-12		11A					
2572	PREP/SUB PD/SD/SAMPLES - STAGE CURTAINS	10	10	19-Jan-12	01-Feb-12	11A					
2574	REV/APP PD/SD/SAMPLES - STAGE CURTAINS	10	10	02-Feb-12	15-Feb-12	11A					
2576	FAB/DEL STAGE CURTAINS	30	30	16-Feb-12	28-Mar-12	11A					
1758	MOBILIZE ON SITE - STAGE CURTAINS	0	0	29-Mar-12		11A					
<b>LAB CASEWORK AND FUME HOODS</b>											
1760	AWARD CONTRACT - LAB CASEWORK & FUME HOODS	0	0	19-Jan-12		12A					
1492	PREP/SUB PD/SD/SAMPLE - LAB CASEWORK	10	10	19-Jan-12	01-Feb-12	12A					
1502	PREP/SUB PD/SD/SAMPLE - LAB FUME HOODS	10	10	19-Jan-12	01-Feb-12	12A					
1494	REV/APP PD/SD/SAMPLE - LAB CASEWORK	10	10	02-Feb-12	15-Feb-12	12A					

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1504	REV/APP PD/SD/SAMPLE - LAB FUME HOODS	10	10	02-Feb-12	15-Feb-12	12A					
1486	FAB/DEL LAB CASEWORK	60	60	16-Feb-12	09-May-12	12A					
1496	FAB/DEL LAB FUME HOODS	60	60	16-Feb-12	09-May-12	12A					
1768	MOBILIZE ON SITE - LAB CASEWORK & FUME HOODS	0	0	03-Sep-13		12A					
8490	INSTALL LAB CASEWORK - BLDG. A AE TO AT 2ND FLR	8	8	03-Sep-13	12-Sep-13	12A					
11980	INSTALL LAB CASEWORK - BLDG. A AA TO AE 2ND FLR	8	8	26-Sep-13	07-Oct-13	12A					
<b>PORTABLE &amp; MOBILE BUILDINGS</b>											
1770	AWARD CONTRACT - PORTABLE AND MOBILE BUILDINGS	0	0	19-Jan-12		13A					
1552	PREP/SUB PD/SD/SAMPLE - PORTABLE BUILDING	15	15	19-Jan-12	08-Feb-12	13A					
1554	REV/APP PD/SD/SAMPLE - PORTABLE BUILDING	10	10	09-Feb-12	22-Feb-12	13A					
1546	FAB/DEL PORTABLE BUILDING	60	60	23-Feb-12	16-May-12	13A					
1778	MOBILIZE ON SITE - PORTABLE & MOBILE BUILDINGS	0	0	05-Apr-12		13A					
8710	PHASE 1 - FOUNDATIONS F/TEMP. PORTABLES	30	30	05-Apr-12	16-May-12	13A					
9250	PHASE 1 - INSTALL TEMP. PORTABLES	33	33	17-May-12	03-Jul-12	13A					
5410	PHASE 1 - PORTABLES CERTIFICATE OF OCCUPANCY	0	0		03-Jul-12	13A					
5530	PHASE 3A - REMOVE TEMPORARY PORTABLES	15	15	06-Aug-...	26-Aug-14	13A					
11790	COMPLETE TEMP. PORTABLE REMOVAL	0	0		26-Aug-14	13A					
<b>ELEVATORS</b>											
2610	AWARD CONTRACT - ELEVATORS	0	0	19-Jan-12		14A					
2612	PREP/SUB/SD-ELEVATORS	20	20	19-Jan-12	15-Feb-12	14A					
2622	PREP/SUB PRODUCT DATA ELEVATORS	20	20	19-Jan-12	15-Feb-12	14A					
2614	REV/APP/SD-ELEVATORS	10	10	16-Feb-12	29-Feb-12	14A					
2624	REV/APP PRODUCT DATA ELEVATORS	10	10	16-Feb-12	29-Feb-12	14A					
2616	FAB/DEL-ELEVATORS	80	80	01-Mar-12	21-Jun-12	14A					
2618	MOBILIZE ON SITE - ELEVATORS	0	0	08-Jul-13		14A					
12080	INSTALL ELEVATOR - BLDG. A AA TO AE 1ST FLR	20	20	08-Jul-13	02-Aug-13	14A					
8250	INSTALL ELEVATOR	25	25	05-Aug-13	09-Sep-13	14A					
<b>FIRE PROTECTION</b>											
2710	AWARD CONTRACT - FIRE PROTECTION	0	0	19-Jan-12		21A					
2712	PREP/SUB SD/CALC's - FIRE PROT.	10	10	19-Jan-12	01-Feb-12	21A					
2722	PREP/SUB PD - FIRE PROT.	10	10	19-Jan-12	01-Feb-12	21A					
2732	PREP COORD. DRWGS FIRE PROT.	5	5	02-Feb-12	08-Feb-12	21A					
2714	REV/APP SD/CALC's - FIRE PROT.	10	10	02-Feb-12	15-Feb-12	21A					
2724	REV/APP PD - FIRE PROT.	10	10	02-Feb-12	15-Feb-12	21A					
2716	FAB/DEL FIRE PROTECTION PIPING	10	10	16-Feb-12	29-Feb-12	21A					
2718	MOBILIZE ON SITE - FIRE PROTECTION	0	0	25-Jun-12		21A					

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12200	PHASE 1 - RELOCATE SPRINKLER FOR NEW ELECTRICAL CLOSET @ SHO...	5	5	25-Jun-12	29-Jun-12	21A					
5030	R.I. OVERHEAD SPRINKLER - PHASE 1 RENO	10	10	24-Sep-12	05-Oct-12	21A					
8770	SPRINKLER DROPS @ GRID - PHASE 1 RENO	4	4	02-Nov-12	07-Nov-12	21A					
4745	SPRINKLER DROPS @ GYP. CEILINGS - PHASE 1 RENO	5	5	09-Nov-12	15-Nov-12	21A					
6150	SPRINKLER PIPE SLEEVES SOMD - BLDG. A ADDITION	6	6	20-Feb-13	27-Feb-13	21A					
5810	SPRINKLER PIPE SLEEVES SOMD - BUILDING B ADDITION	2	2	20-Mar-13	21-Mar-13	21A					
4020	INITIAL OH R.I. SPRINKLER - BLDG. B 1ST FLR	10	10	11-Apr-13	24-Apr-13	21A					
4790	R.I. OVERHEAD SPRINKLER - BLDG. A AE TO AT 1ST FLR	10	10	11-Apr-13	24-Apr-13	21A					
5430	R.I. OVERHEAD SPRINKLER - PHASE 2 RENO	5	5	15-Apr-13	19-Apr-13	21A					
4410	R.I. OVERHEAD SPRINKLER - BLDG. B 2ND FLR	15	15	23-Apr-13	13-May-13	21A					
7350	R.I. OVERHEAD SPRINKLER - BLDG. A AA TO AE 1ST FLR	10	10	25-Apr-13	08-May-13	21A					
9370	SPRINKLER DROPS @ GRID - PHASE 2 RENO	4	4	02-May-13	07-May-13	21A					
6980	R.I. OVERHEAD SPRINKLER - BLDG. A AE TO AT 2ND FLR	10	10	09-May-13	22-May-13	21A					
7720	R.I. OVERHEAD SPRINKLER - BLDG. A AA TO AE 2ND FLR	10	10	23-May-13	05-Jun-13	21A					
4595	SPRINKLER DROPS @ TOILET RM GYP. CEILING - BLDG. A AA TO AE 1ST F...	2	2	06-Jun-13	07-Jun-13	21A					
4155	SPRINKLER DROPS @ GYP. CEILINGS - BLDG. B 1ST FLR	3	3	13-Jun-13	17-Jun-13	21A					
4300	COMPLETE OH R.I. SPRINKLER - BLDG. B 1ST FLR	10	10	13-Jun-13	26-Jun-13	21A					
4655	SPRINKLER DROPS @ TOILET RM GYP. CEILING - BLDG. A AA TO AE 2ND F...	2	2	03-Jul-13	05-Jul-13	21A					
4455	SPRINKLER DROPS @ CORR. SOFFITS - BLDG. A AA TO AE 1ST FLR	3	3	05-Jul-13	09-Jul-13	21A					
4275	SPRINKLER DROPS @ GYP. CEILINGS - BLDG. A AE TO AT 1ST FLR	10	10	09-Jul-13	22-Jul-13	21A					
7620	SPRINKLER DROPS @ CEILING - BLDG. A AA TO AE 1ST FLR	15	15	15-Jul-13	02-Aug-13	21A					
4150	SPRINKLER DROPS @ CEILING - BLDG. B 1ST FLR	5	5	16-Jul-13	22-Jul-13	21A					
4205	SPRINKLER DROPS @ GYP. CEILINGS - BLDG. B 2ND FLR	5	5	25-Jul-13	31-Jul-13	21A					
4365	SPRINKLER DROPS @ GYP. CEILINGS - BLDG. A AE TO AT 2ND FLR	5	5	29-Jul-13	02-Aug-13	21A					
4635	SPRINKLER DROPS @ CORR A201F CEILING - BLDG. A AE TO AT 2ND FLR	1	1	05-Aug-13	05-Aug-13	21A					
5060	SPRINKLER DROPS @ CEILING - BLDG. A AE TO AT 1ST FLR	10	10	12-Aug-13	23-Aug-13	21A					
4545	SPRINKLER DROPS @ CORR. SOFFIT - BLDG. A AA TO AE 2ND FLR	3	3	23-Aug-13	27-Aug-13	21A					
4680	SPRINKLER DROPS @ CEILING - BLDG. B 2ND FLR	10	10	26-Aug-13	09-Sep-13	21A					
7250	SPRINKLER DROPS @ CEILING - BLDG. A AE TO AT 2ND FLR	10	10	26-Aug-13	09-Sep-13	21A					
7990	SPRINKLER DROPS @ CEILING - BLDG. A AA TO AE 2ND FLR	15	15	05-Sep-13	25-Sep-13	21A					
10090	R.I. OVERHEAD SPRINKLER - 2ND FLR 2 STORY WING RENO PH3	10	10	24-Feb-14	07-Mar-14	21A					
10730	R.I. OVERHEAD SPRINKLER - 1ST FLR 2 STORY WING RENO PH3	10	10	26-Mar-14	08-Apr-14	21A					
5480	R.I. OVERHEAD SPRINKLER - PHASE 3 SHOP WING RENO	10	10	30-Apr-14	13-May-14	21A					
4995	SPRINKLER DROPS @ GYP. CEILINGS - 2ND FLR 2 STORY WING RENO PH3	5	5	21-May-14	27-May-14	21A					
11490	R.I. OVERHEAD SPRINKLER - FITNESS ROOM AREA	15	15	21-May-14	10-Jun-14	21A					
9630	SPRINKLER DROPS @ GRID - PHASE 3 SHOP WING RENO	4	4	03-Jun-14	06-Jun-14	21A					

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5085	SPRINKLER DROPS @ GYP. CEILINGS - 1ST FLR 2 STORY WING RENO PH3	3	3	05-Jun-14	09-Jun-14	21A					
10920	R.I. OVERHEAD SPRINKLER - ANNEX BLDG.	15	15	05-Jun-14	25-Jun-14	21A					
4905	SPRINKLER DROPS @ GYP. CEILINGS - PHASE 3 SHOP WING RENO	5	5	10-Jun-14	16-Jun-14	21A					
10570	SPRINKLER DROPS @ CEILING - 2ND FLR 2 STORY WING RENO PH3	10	10	11-Jun-14	24-Jun-14	21A					
5205	SPRINKLER DROPS @ GYP. CEILINGS - FITNESS AREA	1	1	19-Jun-14	19-Jun-14	21A					
11000	SPRINKLER DROPS @ CEILING - 1ST FLR 2 STORY WING RENO PH3	10	10	02-Jul-14	15-Jul-14	21A					
11700	SPRINKLER DROPS @ CEILING - FITNESS AREA	5	5	24-Jul-14	30-Jul-14	21A					
<b>PLUMBING</b>											
2660	AWARD CONTRACT - PLUMBING	0	0	19-Jan-12		22A					
2662	PREP/SUB PD - BASIC MATERIALS/PIPE/FITTINGS	10	10	19-Jan-12	01-Feb-12	22A					
2672	PREP/SUB PD - HANGARS/SUPPORTS	10	10	19-Jan-12	01-Feb-12	22A					
2692	PREP/SUB PD/SD - DOMESTIC WATER HEATER	10	10	19-Jan-12	01-Feb-12	22A					
2702	PREP/SUB PD/SD - MIXING VALVES	10	10	19-Jan-12	01-Feb-12	22A					
2742	PREP/SUB PD/SD - PUMPS	10	10	19-Jan-12	01-Feb-12	22A					
2752	PREP/SUB PD - INSULATION	10	10	19-Jan-12	01-Feb-12	22A					
2762	PREP/SUB PD/SD - VALVES	10	10	19-Jan-12	01-Feb-12	22A					
2772	PREP/SUB PD/SD - CLEANOUTS	10	10	19-Jan-12	01-Feb-12	22A					
2782	PREP/SUB PD/SD - DRAINS	10	10	19-Jan-12	01-Feb-12	22A					
2682	PREP COORD. DRWGS. PLBG.	5	5	02-Feb-12	08-Feb-12	22A					
2664	REV/APP PD - BASIC MATERIALS/PIPE/FITTINGS	10	10	02-Feb-12	15-Feb-12	22A					
2674	REV/APP PD - HANGARS/SUPPORTS	10	10	02-Feb-12	15-Feb-12	22A					
2684	REV/APP PD/SD - DOMESTIC WATER HEATER	10	10	02-Feb-12	15-Feb-12	22A					
2694	REV/APP PD/SD - MIXING VALVES	10	10	02-Feb-12	15-Feb-12	22A					
2704	REV/APP PD/SD - PUMPS	10	10	02-Feb-12	15-Feb-12	22A					
2734	REV/APP PD - INSULATION	10	10	02-Feb-12	15-Feb-12	22A					
2744	REV/APP PD/SD - VALVES	10	10	02-Feb-12	15-Feb-12	22A					
2754	REV/APP PD/SD - CLEANOUTS	10	10	02-Feb-12	15-Feb-12	22A					
2764	REV/APP PD/SD - DRAINS	10	10	02-Feb-12	15-Feb-12	22A					
2666	FAB/DEL BASIC MATERIALS/PIPE/FITTINGS/HANGERS	10	10	16-Feb-12	29-Feb-12	22A					
2706	FAB/DEL INSULATION	10	10	16-Feb-12	29-Feb-12	22A					
2726	FAB/DEL VALVES	10	10	16-Feb-12	29-Feb-12	22A					
2736	FAB/DEL CLEANOUTS	10	10	16-Feb-12	29-Feb-12	22A					
2746	FAB/DEL DRAINS	10	10	16-Feb-12	29-Feb-12	22A					
2676	FAB/DEL DOMESTIC WATER HEATER	40	40	16-Feb-12	11-Apr-12	22A					
2686	FAB/DEL MIXING VALVES	40	40	16-Feb-12	11-Apr-12	22A					
2696	FAB/DEL PUMPS	40	40	16-Feb-12	11-Apr-12	22A					

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2668	MOBILIZE ON SITE - PLUMBING	0	0	15-Aug-12		22A					
8970	U/SLAB PLUMBING - PHASE 1 RENO	10	10	15-Aug-12	28-Aug-12	22A					
9040	SET TRENCH DRAINS - PHASE 1 RENO	4	4	30-Aug-12	05-Sep-12	22A					
9180	R.I. OVERHEAD STORM DRAINS - PHASE 1 RENO	10	10	10-Sep-12	21-Sep-12	22A					
8680	R.I. IN-WALL PLUMBING - PHASE 1 RENO	10	10	13-Sep-12	26-Sep-12	22A					
12270	U/SLAB STORM DRAINAGE FROM/FOR 2 STORY CLASSROOM WING & TIE-IN	5	5	27-Sep-12	03-Oct-12	22A					
5850	UNDERSLAB PLUMBING - BLDG. A ADDITION	20	20	23-Oct-12	19-Nov-12	22A					
8860	PLMG FIXTURES - TOILETS - PHASE 1 RENO	5	5	09-Nov-12	15-Nov-12	22A					
5690	UNDERSLAB PLUMBING - BUILDING B ADDITION	12	12	14-Dec-12	02-Jan-13	22A					
9830	SET SEWAGE EJECTOR - PHASE 2 RENO	1	1	30-Jan-13	30-Jan-13	22A					
9850	U/SLAB PLUMBING @ PIT - PHASE 2 RENO	2	2	20-Feb-13	21-Feb-13	22A					
9890	U/SLAB PLUMBING - PHASE 2 RENO	5	5	20-Feb-13	26-Feb-13	22A					
6140	PLUMBING PIPE SLEEVES SOMD - BLDG. A ADDITION	6	6	20-Feb-13	27-Feb-13	22A					
9760	R.I. OVERHEAD STORM DRAINS - PHASE 2 RENO	4	4	25-Feb-13	28-Feb-13	22A					
9810	R.I. IN-WALL PLUMBING - PHASE 2 RENO	5	5	06-Mar-13	12-Mar-13	22A					
8080	R.I. STORM DRAIN RISERS - BLDG. A AE TO AT 1ST FLR	5	5	12-Mar-13	18-Mar-13	22A					
8070	R.I. OVERHEAD STORM DRAIN PIPING - BLDG. A AE TO AT 2ND FLR	10	10	19-Mar-13	01-Apr-13	22A					
5800	PLUMBING PIPE SLEEVES SOMD - BUILDING B ADDITION	2	2	20-Mar-13	21-Mar-13	22A					
8120	R.I. OVERHEAD STORM DRAIN PIPING - BLDG. B 2ND FLR	10	10	29-Mar-13	11-Apr-13	22A					
4070	R.I. PLUMBING IN WALL - BLDG. B 1ST FLR	5	5	02-Apr-13	08-Apr-13	22A					
8100	R.I. OVERHEAD STORM DRAIN PIPING - BLDG. A AA TO AE 2ND FLR	10	10	02-Apr-13	15-Apr-13	22A					
8110	R.I. STORM DRAIN RISERS - BLDG. B 1ST FLR	5	5	05-Apr-13	11-Apr-13	22A					
7330	R.I. PLUMBING IN WALL - BLDG. A AA TO AE 1ST FLR	10	10	08-Apr-13	19-Apr-13	22A					
4080	PLUMBING INSPECTION IN WALL - BLDG. B 1ST FLR	1	1	09-Apr-13	09-Apr-13	22A					
8090	R.I. STORM DRAIN RISERS - BLDG. A AA TO AE 1ST FLR	5	5	09-Apr-13	15-Apr-13	22A					
4390	R.I. PLUMBING IN WALL - BLDG. B 2ND FLR	10	10	09-Apr-13	22-Apr-13	22A					
4350	INITIAL OH R.I. PLUMBING - BLDG. B 1ST FLR	10	10	11-Apr-13	24-Apr-13	22A					
4800	R.I. OVERHEAD PLUMBING - BLDG. A AE TO AT 1ST FLR	15	15	11-Apr-13	01-May-13	22A					
7700	R.I. PLUMBING IN WALL - BLDG. A AA TO AE 2ND FLR	10	10	12-Apr-13	25-Apr-13	22A					
7370	PLUMBING INSPECTION IN WALL - BLDG. A AA TO AE 1ST FLR	1	1	22-Apr-13	22-Apr-13	22A					
4430	PLUMBING INSPECTION IN WALL - BLDG. B 2ND FLR	1	1	23-Apr-13	23-Apr-13	22A					
4420	R.I. OVERHEAD PLUMBING - BLDG. B 2ND FLR	10	10	23-Apr-13	06-May-13	22A					
7360	R.I. OVERHEAD PLUMBING - BLDG. A AA TO AE 1ST FLR	15	15	25-Apr-13	15-May-13	22A					
7740	PLUMBING INSPECTION IN WALL - BLDG. A AA TO AE 2ND FLR	1	1	26-Apr-13	26-Apr-13	22A					
6990	R.I. OVERHEAD PLUMBING - BLDG. A AE TO AT 2ND FLR	10	10	09-May-13	22-May-13	22A					
9460	PLMG FIXTURES - TOILETS - PHASE 2 RENO	3	3	17-May-13	21-May-13	22A					

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7730	R.I. OVERHEAD PLUMBING - BLDG. A AA TO AE 2ND FLR	10	10	23-May-13	05-Jun-13	22A					
4770	R.I. PLUMBING IN WALL - BLDG. A AE TO AT 1ST FLR	7	7	30-May-13	07-Jun-13	22A					
4810	PLUMBING INSPECTION IN WALL - BLDG. A AE TO AT 1ST FLR	1	1	10-Jun-13	10-Jun-13	22A					
8220	COMPLETE OH R.I. PLUMBING - BLDG. B 1ST FLR	10	10	13-Jun-13	26-Jun-13	22A					
6960	R.I. PLUMBING IN WALL - BLDG. A AE TO AT 2ND FLR	10	10	20-Jun-13	03-Jul-13	22A					
7000	PLUMBING INSPECTION IN WALL - BLDG. A AE TO AT 2ND FLR	1	1	05-Jul-13	05-Jul-13	22A					
7540	PLMG FIXTURES - TOILETS - BLDG. A AA TO AE 1ST FLR	5	5	05-Jul-13	11-Jul-13	22A					
4240	PLMG FIXTURES - TOILETS - BLDG. B 1ST FLR	5	5	16-Jul-13	22-Jul-13	22A					
4980	PLMG FIXTURES - TOILETS - BLDG. A AE TO AT 1ST FLR	5	5	22-Jul-13	26-Jul-13	22A					
7170	PLMG FIXTURES - TOILETS - BLDG. A AE TO AT 2ND FLR	5	5	08-Aug-13	14-Aug-13	22A					
7910	PLMG FIXTURES - TOILETS - BLDG. A AA TO AE 2ND FLR	5	5	29-Aug-13	05-Sep-13	22A					
4600	PLMG FIXTURES - TOILETS - BLDG. B 2ND FLR	5	5	04-Sep-13	10-Sep-13	22A					
8500	PLUMBING FIXTURES @ LAB CASEWORK - BLDG. A AE TO AT 2ND FLR	8	8	13-Sep-13	24-Sep-13	22A					
12070	PLUMBING FIXTURES @ LAB CASEWORK - BLDG. A AA TO AE 2ND FLR	8	8	08-Oct-13	17-Oct-13	22A					
8320	R.I OVERHEAD STORM DRAIN PIPING - 2ND FLR 2 STORY WING RENO PH3	10	10	13-Feb-14	26-Feb-14	22A					
10370	R.I. PLUMBING IN WALL - 2ND FLR 2 STORY WING RENO PH3	10	10	17-Feb-14	28-Feb-14	22A					
10100	R.I. OVERHEAD PLUMBING - 2ND FLR 2 STORY WING RENO PH3	10	10	24-Feb-14	07-Mar-14	22A					
6210	U/SLAB PLUMBING - 2 SOTRY WING PH3	8	8	27-Feb-14	10-Mar-14	22A					
10380	PLUMBING INSPECTION IN WALL - 2ND FLR 2 STORY WING RENO PH3	1	1	03-Mar-14	03-Mar-14	22A					
10060	U/SLAB PLUMBING - PHASE 3 SHOP WING RENO	10	10	14-Mar-14	27-Mar-14	22A					
10710	R.I OVERHEAD STORM DRAIN PIPING - 1ST FLR 2 STORY WING RENO PH3	10	10	19-Mar-14	01-Apr-14	22A					
10810	R.I. PLUMBING IN WALL - 1ST FLR 2 STORY WING RENO PH3	10	10	21-Mar-14	03-Apr-14	22A					
10740	R.I. OVERHEAD PLUMBING - 1ST FLR 2 STORY WING RENO PH3	10	10	26-Mar-14	08-Apr-14	22A					
10820	PLUMBING INSPECTION IN WALL - 1ST FLR 2 STORY WING RENO PH3	1	1	04-Apr-14	04-Apr-14	22A					
10320	R.I. IN-WALL PLUMBING - PHASE 3 SHOP WING RENO	10	10	07-Apr-14	18-Apr-14	22A					
11430	U/SLAB PLUMBING - FITNESS ROOM AREA	5	5	08-Apr-14	14-Apr-14	22A					
10270	R.I. OVERHEAD STORM DRAINS - PHASE 3 SHOP WING RENO	10	10	16-Apr-14	29-Apr-14	22A					
11450	IN-WALL PLUMBING ROUGH-IN - FITNESS ROOM AREA	5	5	30-Apr-14	06-May-14	22A					
6340	U/SLAB PLUMBING - ANNEX BLDG.	5	5	06-May-14	12-May-14	22A					
11460	R.I. OVERHEAD STORM DRAINS - FITNESS ROOM AREA	10	10	14-May-14	27-May-14	22A					
11170	IN-WALL PLUMBING ROUGH-IN - ANNEX BLDG.	5	5	22-May-14	28-May-14	22A					
10660	R.I. OVERHEAD STORM DRAINS - ANNEX BLDG.	10	10	22-May-14	04-Jun-14	22A					
10500	PLMG FIXTURES - TOILETS - 2ND FLR 2 STORY WING RENO PH3	5	5	02-Jun-14	06-Jun-14	22A					
10930	PLMG FIXTURES - TOILETS - 1ST FLR 2 STORY WING RENO PH3	5	5	17-Jun-14	23-Jun-14	22A					
9970	PLMG FIXTURES - TOILETS - PHASE 3 SHOP WING RENO	5	5	08-Jul-14	14-Jul-14	22A					
11250	INSTALL PLUMBING FIXTURES - ANNEX BLDG.	3	3	24-Jul-14	28-Jul-14	22A					

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11640	PLMG FIXTURES - TOILETS - FITNESS AREA	3	3	24-Jul-14	28-Jul-14	22A					
<b>HVAC</b>											
2810	AWARD CONTRACT - H.V.A.C.	0	0	19-Jan-12		23A					
2822	PREP/SUB PD/SD - AHU's/HV's/RTU's/HRU's	10	10	19-Jan-12	01-Feb-12	23A					
2842	PREP/SUB PD/SD - CHILLERS	10	10	19-Jan-12	01-Feb-12	23A					
2872	PREP/SUB PD - INSULATION	10	10	19-Jan-12	01-Feb-12	23A					
2892	PREP/SUB PD/SD - BOILERS	10	10	19-Jan-12	01-Feb-12	23A					
2912	PREP/SUB PD/SD - EXHAUST FANS	10	10	19-Jan-12	01-Feb-12	23A					
2932	PREP/SUB PD/SD - SPLIT AC UNITS	10	10	19-Jan-12	01-Feb-12	23A					
2952	PREP/SUB PD/SD - UNIT HEATERS	10	10	19-Jan-12	01-Feb-12	23A					
2972	PREP/SUB COORD. DRWGS. DUCTWORK	10	10	19-Jan-12	01-Feb-12	23A					
2832	PREP/SUB PD/SD - PUMPS	10	10	19-Jan-12	01-Feb-12	23A					
2852	PREP/SUB PD/SD - RADIANT PANELS	10	10	19-Jan-12	01-Feb-12	23A					
2862	PREP/SUB PD/SD - ROOFTOP PENTHOUSES	10	10	19-Jan-12	01-Feb-12	23A					
2882	PREP/SUB PD/SD - ELECTRIC DUCT COILS	10	10	19-Jan-12	01-Feb-12	23A					
2902	PREP/SUB PD/SD - RGD's	10	10	19-Jan-12	01-Feb-12	23A					
2922	PREP/SUB PD/SD - RADIATION	10	10	19-Jan-12	01-Feb-12	23A					
2942	PREP/SUB PD/SD - SOUND ATTENUATION	10	10	19-Jan-12	01-Feb-12	23A					
2962	PREP/SUB PD/SD - VAV's	10	10	19-Jan-12	01-Feb-12	23A					
2992	PREP/SUB PD/SD - FAN COIL UNITS	10	10	19-Jan-12	01-Feb-12	23A					
3002	PREP/SUB PD/SD - HOT WATER COILS	10	10	19-Jan-12	01-Feb-12	23A					
3012	PREP/SUB PD/SD - CABINET UNIT HEATERS	10	10	19-Jan-12	01-Feb-12	23A					
3022	PREP/SUB PD/SD - LAB EXHAUST VALVES	10	10	19-Jan-12	01-Feb-12	23A					
2982	PREP COORD. DRWGS. HVAC PIPING	5	5	02-Feb-12	08-Feb-12	23A					
2984	REV/APP PD/SD - AHU's/HV's/RTU's/HRU's	10	10	02-Feb-12	15-Feb-12	23A					
2844	REV/APP PD/SD - CHILLERS	10	10	02-Feb-12	15-Feb-12	23A					
2874	REV/APP PD - INSULATION	10	10	02-Feb-12	15-Feb-12	23A					
2894	REV/APP PD/SD - BOILERS	10	10	02-Feb-12	15-Feb-12	23A					
2914	REV/APP PD/SD - EXHAUST FANS	10	10	02-Feb-12	15-Feb-12	23A					
2934	REV/APP PD/SD - SPLIT AC UNITS	10	10	02-Feb-12	15-Feb-12	23A					
2954	REV/APP PD/SD - UNIT HEATERS	10	10	02-Feb-12	15-Feb-12	23A					
2994	REV/APP PD/SD - PUMPS	10	10	02-Feb-12	15-Feb-12	23A					
3004	REV/APP PD/SD - RADIANT PANELS	10	10	02-Feb-12	15-Feb-12	23A					
3014	REV/APP PD/SD - ROOFTOP PENTHOUSES	10	10	02-Feb-12	15-Feb-12	23A					
3024	REV/APP PD/SD - ELECTRIC DUCT COILS	10	10	02-Feb-12	15-Feb-12	23A					
3034	REV/APP PD/SD - RGD's	10	10	02-Feb-12	15-Feb-12	23A					

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3044	REV/APP PD/SD - RADIATION	10	10	02-Feb-12	15-Feb-12	23A					
3054	REV/APP PD/SD - SOUND ATTENUATORS	10	10	02-Feb-12	15-Feb-12	23A					
3064	REV/APP PD/SD - VAV's	10	10	02-Feb-12	15-Feb-12	23A					
3074	REV/APP PD/SD - FAN COIL UNITS	10	10	02-Feb-12	15-Feb-12	23A					
3084	REV/APP PD/SD - HOT WATER COILS	10	10	02-Feb-12	15-Feb-12	23A					
3094	REV/APP PD/SD - CABINET UNIT HEATERS	10	10	02-Feb-12	15-Feb-12	23A					
3104	REV/APP PD/SD - LAB EXHAUST VALVES	10	10	02-Feb-12	15-Feb-12	23A					
2830	PREP/SUB COORDINATED DWG. FOR APPROVAL	5	5	09-Feb-12	15-Feb-12	23A					
2974	REV/APP DUCTWORK COORDINATION DRWGS.	10	10	16-Feb-12	29-Feb-12	23A					
2876	FAB/DEL INSULATION	20	20	16-Feb-12	14-Mar-12	23A					
2946	FAB/DEL - VAV's	20	20	16-Feb-12	14-Mar-12	23A					
2956	FAB/DEL UNIT HEATERS	40	40	16-Feb-12	11-Apr-12	23A					
2836	FAB/DEL - RADIANT PANELS	40	40	16-Feb-12	11-Apr-12	23A					
2866	FAB/DEL - ELECTRIC DUCT COILS	40	40	16-Feb-12	11-Apr-12	23A					
2886	FAB/DEL - RGD's	40	40	16-Feb-12	11-Apr-12	23A					
2906	FAB/DEL - RADIATION	40	40	16-Feb-12	11-Apr-12	23A					
2926	FAB/DEL - SOUND ATTENUATORS	40	40	16-Feb-12	11-Apr-12	23A					
2966	FAB/DEL - FAN COIL UNITS	40	40	16-Feb-12	11-Apr-12	23A					
2996	FAB/DEL - CABINET UNIT HEATERS	40	40	16-Feb-12	11-Apr-12	23A					
3006	FAB/DEL - LAB EXHAUST VALVES	40	40	16-Feb-12	11-Apr-12	23A					
2826	FAB/DEL - PUMPS	50	50	16-Feb-12	25-Apr-12	23A					
2986	FAB/DEL - HOT WATER COILS	50	50	16-Feb-12	25-Apr-12	23A					
2916	FAB/DEL EXHAUST FANS	60	60	16-Feb-12	09-May-12	23A					
2936	FAB/DEL SPLIT AC UNITS	60	60	16-Feb-12	09-May-12	23A					
2856	FAB/DEL - ROOFTOP PENTHOUSES	60	60	16-Feb-12	09-May-12	23A					
2816	FAB/DEL - AHU's/HV's/RTU's/HRU's	80	80	16-Feb-12	07-Jun-12	23A					
2896	FAB/DEL BOILERS	80	80	16-Feb-12	07-Jun-12	23A					
2846	FAB/DEL CHILLERS	100	100	16-Feb-12	06-Jul-12	23A					
2976	FAB/DEL DUCTWORK/HVAC PIPES	15	15	01-Mar-12	21-Mar-12	23A					
2818	MOBILIZE ON SITE - H.V.A.C.	0	0	25-Jun-12		23A					
12190	PHASE 1 - RELOCATE HVAC FOR NEW ELECTRICAL CLOSET @ SHOP WING	5	5	25-Jun-12	29-Jun-12	23A					
12230	PHASE 1 - HVAC EGRESS MODIFICIATIONS/ALTERATIONS	10	10	10-Jul-12	23-Jul-12	23A					
4650	R.I. OVERHEAD HVAC DUCT - PHASE 1 RENO	15	15	17-Sep-12	05-Oct-12	23A					
4525	R.I. OVERHEAD HVAC PIPING - PHASE 1 RENO	15	15	24-Sep-12	12-Oct-12	23A					
4695	HANG VAV'S/HVAC EQUIP. - PHASE 1 RENO	5	5	08-Oct-12	12-Oct-12	23A					
8660	INSULATE DUCT/PIPING - PHASE 1 RENO	15	15	08-Oct-12	26-Oct-12	23A					

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4715	TIE-IN HVAC PIPING AT VAV'S/EQUIP. - PHASE 1 RENO	5	5	15-Oct-12	19-Oct-12	23A					
8750	RGD's @ CEILING GRID - PHASE 1 RENO	4	4	08-Nov-12	13-Nov-12	23A					
4725	DUCT DROPS @ GYP. CEILINGS - PHASE 1 RENO	5	5	09-Nov-12	15-Nov-12	23A					
6130	MECH. PIPE SLEEVES SOMD - BLDG. A ADDITION	6	6	20-Feb-13	27-Feb-13	23A					
9930	R.I. IN-WALL FUEL BREECHING @ PIT - PHASE 2 RENO	5	5	06-Mar-13	12-Mar-13	23A					
5790	MECH. PIPE SLEEVES SOMD - BUILDING B ADDITION	2	2	20-Mar-13	21-Mar-13	23A					
8340	SET AHU's - 1ST/2ND LEVEL - BLDG. A ADDITION	3	3	26-Mar-13	28-Mar-13	23A					
4010	INITIAL OH R.I. HVAC DUCT - BLDG. B 1ST FLR	10	10	02-Apr-13	15-Apr-13	23A					
4780	R.I. OVERHEAD HVAC DUCT - BLDG. A AE TO AT 1ST FLR	10	10	04-Apr-13	17-Apr-13	23A					
4035	INITIAL OH R.I. HVAC PIPING - BLDG. B 1ST FLR	10	10	05-Apr-13	18-Apr-13	23A					
4920	R.I. OVERHEAD HVAC DUCT - PHASE 2 RENO	5	5	08-Apr-13	12-Apr-13	23A					
4115	R.I. OVERHEAD HVAC PIPING - BLDG. A AE TO AT 1ST FLR	10	10	11-Apr-13	24-Apr-13	23A					
4785	R.I. OVERHEAD HVAC PIPING - PHASE 2 RENO	5	5	15-Apr-13	19-Apr-13	23A					
4795	HANG VAV'S/HVAC EQUIP. - PHASE 2 RENO	5	5	15-Apr-13	19-Apr-13	23A					
4400	R.I. OVERHEAD HVAC DUCT - BLDG. B 2ND FLR	15	15	16-Apr-13	06-May-13	23A					
4235	HANG VAV'S/HVAC EQUIP. - BLDG. A AE TO AT 1ST FLR	10	10	18-Apr-13	01-May-13	23A					
7340	R.I. OVERHEAD HVAC DUCT - BLDG. A AA TO AE 1ST FLR	10	10	18-Apr-13	01-May-13	23A					
4060	INITIAL DUCT/PIPING INSULATION - BLDG. B 1ST FLR	5	5	19-Apr-13	25-Apr-13	23A					
4815	TIE-IN HVAC PIPING AT VAV'S/EQUIP. - PHASE 2 RENO	2	2	22-Apr-13	23-Apr-13	23A					
4095	HANG VAV'S/HVAC EQUIP. - BLDG. B 2ND FLR	10	10	23-Apr-13	06-May-13	23A					
4075	R.I. OVERHEAD HVAC PIPING - BLDG. B 2ND FLR	15	15	23-Apr-13	13-May-13	23A					
4395	R.I. OVERHEAD HVAC PIPING - BLDG. A AA TO AE 1ST FLR	10	10	25-Apr-13	08-May-13	23A					
9310	INSULATE DUCT/PIPING - PHASE 2 RENO	5	5	29-Apr-13	03-May-13	23A					
4245	TIE-IN HVAC PIPING AT VAV'S/EQUIP. - BLDG. A AE TO AT 1ST FLR	5	5	02-May-13	08-May-13	23A					
4850	INSULATE DUCT/PIPING - BLDG. A AE TO AT 1ST FLR	10	10	02-May-13	15-May-13	23A					
6970	R.I. OVERHEAD HVAC DUCT - BLDG. A AE TO AT 2ND FLR	10	10	02-May-13	15-May-13	23A					
4415	HANG VAV'S/HVAC EQUIP. - BLDG. A AA TO AE 1ST FLR	10	10	02-May-13	15-May-13	23A					
6750	INSTALL LOUVERS - AE TO AT LINES - BUILDING A ADDITION	3	3	06-May-13	08-May-13	23A					
9350	RGD's @ CEILING GRID - PHASE 2 RENO	4	4	08-May-13	13-May-13	23A					
4305	R.I. OVERHEAD HVAC PIPING - BLDG. A AE TO AT 2ND FLR	10	10	09-May-13	22-May-13	23A					
4105	TIE-IN HVAC PIPING AT VAV'S/EQUIP. - BLDG. B 2ND FLR	5	5	14-May-13	20-May-13	23A					
4470	INSULATE DUCT/PIPING - BLDG. B 2ND FLR	10	10	14-May-13	27-May-13	23A					
4425	TIE-IN HVAC PIPING AT VAV'S/EQUIP. - BLDG. A AA TO AE 1ST FLR	5	5	16-May-13	22-May-13	23A					
4325	HANG VAV'S/HVAC EQUIP. - BLDG. A AE TO AT 2ND FLR	10	10	16-May-13	29-May-13	23A					
7410	INSULATE DUCT/PIPING - BLDG. A AA TO AE 1ST FLR	10	10	16-May-13	29-May-13	23A					
7710	R.I. OVERHEAD HVAC DUCT - BLDG. A AA TO AE 2ND FLR	10	10	16-May-13	29-May-13	23A					

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4485	R.I. OVERHEAD HVAC PIPING - BLDG. A AA TO AE 2ND FLR	10	10	23-May-13	05-Jun-13	23A					
4335	TIE-IN HVAC PIPING AT VAV'S/EQUIP. - BLDG. A AE TO AT 2ND FLR	5	5	30-May-13	05-Jun-13	23A					
7040	INSULATE DUCT/PIPING - BLDG. A AE TO AT 2ND FLR	10	10	30-May-13	12-Jun-13	23A					
4505	HANG VAV'S/HVAC EQUIP. - BLDG. A AA TO AE 2ND FLR	10	10	30-May-13	12-Jun-13	23A					
4605	HVAC DROPS @ TOILET RM GYP. CEILING - BLDG. A AA TO AE 1ST FLR	2	2	06-Jun-13	07-Jun-13	23A					
4135	DUCT DROPS @ GYP. CEILINGS - BLDG. B 1ST FLR	3	3	13-Jun-13	17-Jun-13	23A					
4045	HANG VAV'S/HVAC EQUIP. - BLDG. B 1ST FLR	5	5	13-Jun-13	19-Jun-13	23A					
4515	TIE-IN HVAC PIPING AT VAV'S/EQUIP. - BLDG. A AA TO AE 2ND FLR	5	5	13-Jun-13	19-Jun-13	23A					
7780	INSULATE DUCT/PIPING - BLDG. A AA TO AE 2ND FLR	10	10	13-Jun-13	26-Jun-13	23A					
4090	COMPLETE OH R.I. HVAC DUCT - BLDG. B 1ST FLR	10	10	13-Jun-13	26-Jun-13	23A					
4575	COMPLETE OH R.I. HVAC PIPING - BLDG. B 1ST FLR	10	10	13-Jun-13	26-Jun-13	23A					
4065	TIE-IN HVAC PIPING AT VAV'S/EQUIP. - BLDG. B 1ST FLR	5	5	20-Jun-13	26-Jun-13	23A					
4040	INSULATE DUCT/PIPING - BLDG. B 1ST FLR	10	10	20-Jun-13	03-Jul-13	23A					
4665	HVAC DROPS @ TOILET RM GYP. CEILING - BLDG. A AA TO AE 2ND FLR	2	2	03-Jul-13	05-Jul-13	23A					
4255	DUCT DROPS @ GYP. CEILINGS - BLDG. A AE TO AT 1ST FLR	10	10	09-Jul-13	22-Jul-13	23A					
7600	RGD's @ CEILING - BLDG. A AA TO AE 1ST FLR	15	15	15-Jul-13	02-Aug-13	23A					
8160	RADIANT PANELS @ CEILING - BLDG. A AA TO AE 1ST FLR	15	15	15-Jul-13	02-Aug-13	23A					
4130	RGD's @ CEILING - BLDG. B 1ST FLR	5	5	16-Jul-13	22-Jul-13	23A					
4185	DUCT DROPS @ GYP. CEILINGS - BLDG. B 2ND FLR	5	5	25-Jul-13	31-Jul-13	23A					
4345	DUCT DROPS @ GYP. CEILINGS - BLDG. A AE TO AT 2ND FLR	5	5	29-Jul-13	02-Aug-13	23A					
4435	DUCT DROPS @ CORR A201F CEILING - BLDG. A AE TO AT 2ND FLR	1	1	05-Aug-13	05-Aug-13	23A					
5040	RGD's @ CEILING - BLDG. A AE TO AT 1ST FLR	10	10	12-Aug-13	23-Aug-13	23A					
8140	RADIANT PANELS @ CEILING - BLDG. A AE TO AT 1ST FLR	10	10	12-Aug-13	23-Aug-13	23A					
4660	RGD's @ CEILING - BLDG. B 2ND FLR	10	10	26-Aug-13	09-Sep-13	23A					
7230	RGD's @ CEILING - BLDG. A AE TO AT 2ND FLR	10	10	26-Aug-13	09-Sep-13	23A					
8130	RADIANT PANELS @ CEILING - BLDG. B 2ND FLR	10	10	26-Aug-13	09-Sep-13	23A					
8150	RADIANT PANELS @ CEILING - BLDG. A AE TO AT 2ND FLR	10	10	26-Aug-13	09-Sep-13	23A					
7970	RGD's @ CEILING - BLDG. A AA TO AE 2ND FLR	15	15	05-Sep-13	25-Sep-13	23A					
8170	RADIANT PANELS @ CEILING - BLDG. A AA TO AE 2ND FLR	15	15	05-Sep-13	25-Sep-13	23A					
8360	R.I. OVERHEAD HVAC DUCT - 2ND FLR 2 STORY WING RENO PH3	10	10	17-Feb-14	28-Feb-14	23A					
4935	R.I. OVERHEAD HVAC PIPING - 2ND FLR 2 STORY WING RENO PH3	10	10	24-Feb-14	07-Mar-14	23A					
4945	HANG VAV'S/HVAC EQUIP. - 2ND FLR 2 STORY WING RENO PH3	5	5	03-Mar-14	07-Mar-14	23A					
6240	SET AHU'S - 2ND FLR 2 STORY CLASSROOM WING PH3	1	1	05-Mar-14	05-Mar-14	23A					
4965	TIE-IN HVAC PIPING AT VAV'S/EQUIP. - 2ND FLR 2 STORY WING RENO PH3	5	5	10-Mar-14	14-Mar-14	23A					
10340	INSULATE DUCT/PIPING - 2ND FLR 2 STORY WING RENO PH3	15	15	10-Mar-14	28-Mar-14	23A					
10720	R.I. OVERHEAD HVAC DUCT - 1ST FLR 2 STORY WING RENO PH3	10	10	19-Mar-14	01-Apr-14	23A					

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5005	R.I. OVERHEAD HVAC PIPING - 1ST FLR 2 STORY WING RENO PH3	10	10	26-Mar-14	08-Apr-14	23A					
5015	HANG VAV'S/HVAC EQUIP. - 1ST FLR 2 STORY WING RENO PH3	5	5	02-Apr-14	08-Apr-14	23A					
5045	TIE-IN HVAC PIPING AT VAV'S/EQUIP. - 1ST FLR 2 STORY WING RENO PH3	5	5	09-Apr-14	15-Apr-14	23A					
10780	INSULATE DUCT/PIPING - 1ST FLR 2 STORY WING RENO PH3	10	10	09-Apr-14	22-Apr-14	23A					
5450	R.I. OVERHEAD HVAC DUCT - PHASE 3 SHOP WING RENO	15	15	23-Apr-14	13-May-14	23A					
4825	R.I. OVERHEAD HVAC PIPING - PHASE 3 SHOP WING RENO	15	15	30-Apr-14	20-May-14	23A					
6400	U/SLAB MECH. PIPING - ANNEX BLDG.	5	5	06-May-14	12-May-14	23A					
4835	HANG VAV'S/HVAC EQUIP. - PHASE 3 SHOP WING RENO	5	5	14-May-14	20-May-14	23A					
9570	INSULATE DUCT/PIPING - PHASE 3 SHOP WING RENO	15	15	14-May-14	03-Jun-14	23A					
4875	TIE-IN HVAC PIPING AT VAV'S/EQUIP. - PHASE 3 SHOP WING RENO	5	5	21-May-14	27-May-14	23A					
11470	R.I. OVERHEAD HVAC DUCT - FITNESS ROOM AREA	15	15	21-May-14	10-Jun-14	23A					
5145	R.I. OVERHEAD HVAC PIPING - FITNESS ROOM AREA	15	15	28-May-14	17-Jun-14	23A					
10890	R.I. OVERHEAD HVAC DUCT - ANNEX BLDG.	20	20	29-May-14	25-Jun-14	23A					
5065	DUCT DROPS @ GYP. CEILINGS - 1ST FLR 2 STORY WING RENO PH3	3	3	05-Jun-14	09-Jun-14	23A					
9610	RGD's @ CEILING GRID - PHASE 3 SHOP WING RENO	4	4	09-Jun-14	12-Jun-14	23A					
4885	DUCT DROPS @ GYP. CEILINGS - PHASE 3 SHOP WING RENO	5	5	10-Jun-14	16-Jun-14	23A					
11500	SET HV-8 ROOF TOP UNIT - FITNESS ROOM AREA	1	1	11-Jun-14	11-Jun-14	23A					
5165	HANG VAV'S/HVAC EQUIP. - FITNESS ROOM AREA	5	5	11-Jun-14	17-Jun-14	23A					
10550	RGD's @ CEILING - 2ND FLR 2 STORY WING RENO PH3	10	10	11-Jun-14	24-Jun-14	23A					
10600	RADIANT PANELS @ CEILING - 2ND FLR 2 STORY WING RENO PH3	10	10	11-Jun-14	24-Jun-14	23A					
4975	R.I. OVERHEAD HVAC PIPING - ANNEX BLDG.	15	15	12-Jun-14	02-Jul-14	23A					
5175	TIE-IN HVAC PIPING AT VAV'S/EQUIP. - FITNESS ROOM AREA	2	2	18-Jun-14	19-Jun-14	23A					
11270	SET HV-8 ROOF TOP UNIT - ANNEX BLDG.	1	1	19-Jun-14	19-Jun-14	23A					
11530	INSULATE DUCT/PIPING - FITNESS ROOM AREA	5	5	20-Jun-14	26-Jun-14	23A					
5125	HANG VAV'S/HVAC EQUIP. - ANNEX BLDG.	5	5	26-Jun-14	02-Jul-14	23A					
10980	RGD's @ CEILING - 1ST FLR 2 STORY WING RENO PH3	10	10	02-Jul-14	15-Jul-14	23A					
11030	RADIANT PANELS @ CEILING - 1ST FLR 2 STORY WING RENO PH3	10	10	02-Jul-14	15-Jul-14	23A					
5135	TIE-IN HVAC PIPING AT VAV'S/EQUIP. - ANNEX BLDG.	5	5	03-Jul-14	09-Jul-14	23A					
11080	INSULATE DUCT/PIPING - ANNEX BLDG.	5	5	10-Jul-14	16-Jul-14	23A					
11680	RGD's @ CEILING - FITNESS AREA	5	5	24-Jul-14	30-Jul-14	23A					
<b>TESTING &amp; BALANCING</b>											
8840	TEST & BALANCE FLOOR - PHASE 1 RENO	5	5	14-Dec-12	20-Dec-12	23B					
9440	TEST & BALANCE FLOOR - PHASE 2 RENO	2	2	28-May-13	29-May-13	23B					
4220	TEST & BALANCE FLOOR - BLDG. B 1ST FLR	5	5	30-Jul-13	05-Aug-13	23B					
7690	TEST & BALANCE FLOOR - BLDG. A AA TO AE 1ST FLR	5	5	19-Aug-13	23-Aug-13	23B					
6950	TEST & BALANCE FLOOR - BLDG. A AE TO AT 1ST FLR	5	5	10-Sep-13	16-Sep-13	23B					

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Activity ID	Activity Name	Orig Dur	Rem Dur	ES	EF	BID PAC...	2012	2013	2014	2015	2016
4750	TEST & BALANCE FLOOR - BLDG. B 2ND FLR	5	5	01-Oct-13	07-Oct-13	23B					
7320	TEST & BALANCE FLOOR - BLDG. A AE TO AT 2ND FLR	5	5	01-Oct-13	07-Oct-13	23B					
8060	TEST & BALANCE FLOOR - BLDG. A AA TO AE 2ND FLR	5	5	10-Oct-13	16-Oct-13	23B					
10700	TEST & BALANCE FLOOR - 2ND FLR 2 STORY WING RENO PH3	5	5	16-Jul-14	22-Jul-14	23B					
9950	TEST & BALANCE FLOOR - PHASE 3 SHOP WING RENO	5	5	21-Jul-14	25-Jul-14	23B					
11130	TEST & BALANCE FLOOR - 1ST FLR 2 STORY WING RENO PH3	5	5	30-Jul-14	05-Aug-14	23B					
11770	TEST & BALANCE FLOOR - FITNESS AREA	2	2	08-Aug-14	11-Aug-14	23B					
<b>ELECTRICAL</b>											
3510	AWARD CONTRACT - ELECTRICAL	0	0	19-Jan-12		26A					
3552	PREP/SUB PD/SD - TRANSFORMERS	10	10	19-Jan-12	01-Feb-12	26A					
3612	PREP/SUB PD/SD - SECURITY SYSTEM	10	10	19-Jan-12	01-Feb-12	26A					
3632	PREP/SUB PD/SD - FIRE ALARM SYSTEM	10	10	19-Jan-12	01-Feb-12	26A					
3652	PREP/SUB PD - CABLE TRAY	10	10	19-Jan-12	01-Feb-12	26A					
3682	PREP/SUB PD DATA/COMM. CABLE SYS.	10	10	19-Jan-12	01-Feb-12	26A					
3702	PREP/SUB PD - LIGHT FIXTURES.	10	10	19-Jan-12	01-Feb-12	26A					
3562	PREP/SUB PD/SD - PANELBOARDS	10	10	19-Jan-12	01-Feb-12	26A					
3572	PREP/SUB PD/SD - STAGE LIGHTING CONTROLS	10	10	19-Jan-12	01-Feb-12	26A					
3582	PREP/SUB PD/SD - PA/CLOCK SYSTEM	10	10	19-Jan-12	01-Feb-12	26A					
3672	PREP COORD. DRWGS ELECTRICAL	5	5	02-Feb-12	08-Feb-12	26A					
3554	REV/APP PD/SD - TRANSFORMERS	10	10	02-Feb-12	15-Feb-12	26A					
3614	REV/APP PD/SD - SECURITY SYS.	10	10	02-Feb-12	15-Feb-12	26A					
3634	REV/APP PD/SD - FIRE ALARM SYS.	10	10	02-Feb-12	15-Feb-12	26A					
3654	REV/APP PD - CABLE TRAYS	10	10	02-Feb-12	15-Feb-12	26A					
3684	REV/APP PD - DATA/COMM. CABLE SYS.	10	10	02-Feb-12	15-Feb-12	26A					
3704	REV/APP PD - LIGHT FIXTURES	10	10	02-Feb-12	15-Feb-12	26A					
3564	REV/APP PD/SD - PANELBOARDS	10	10	02-Feb-12	15-Feb-12	26A					
3574	REV/APP PD/SD - STAGE LIGHTING CONTROLS	10	10	02-Feb-12	15-Feb-12	26A					
3584	REV/APP PD/SD - PA/CLOCK SYSTEM	10	10	02-Feb-12	15-Feb-12	26A					
3686	FAB/DEL COMMUNICATION CABLE	30	30	16-Feb-12	28-Mar-12	26A					
3656	FAB/DEL-CABLE TRAY	40	40	16-Feb-12	11-Apr-12	26A					
3576	FAB/DEL STAGE LIGHTING CONTROLS	40	40	16-Feb-12	11-Apr-12	26A					
3586	FAB/DEL PA/CLOCK SYSTEM	40	40	16-Feb-12	11-Apr-12	26A					
3556	FAB/DEL TRANSFORMERS	60	60	16-Feb-12	09-May-12	26A					
3616	FAB/DEL SECURITY SYS.	60	60	16-Feb-12	09-May-12	26A					
3636	FAB/DEL FIRE ALARM SYS.	60	60	16-Feb-12	09-May-12	26A					
3706	FAB/DEL LIGHT FIXTURES	60	60	16-Feb-12	09-May-12	26A					

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3566	FAB/DEL PANELBOARDS	60	60	16-Feb-12	09-May-12	26A					
3518	MOBILIZE ON SITE - ELECTRICAL	0	0	12-Mar-12		26A					
11970	PHASE 1 - U/GROUND ELEC. (3) - 4" CONDUITS TO NEW ADDITION	5	5	12-Mar-12	16-Mar-12	26A					
12240	PHASE 1 - TEMP. 1600 AMP SERVICE FOR PORTABLES	10	10	01-May-12	14-May-12	26A					
12300	PHASE 1 - NEW ELECTRICAL DUCTBANK @ COURTYARD	15	15	25-Jun-12	16-Jul-12	26A					
12310	PHASE 1 - 2ND FLOOR ELECTRICAL CLOSET WORK	30	30	02-Jul-12	13-Aug-12	26A					
12210	PHASE 1 - NEW ELECTRICAL CLOSET PANELS/FEEDS/WIRING @ SHOP WI...	40	40	02-Jul-12	27-Aug-12*	26A					
12220	PHASE 1 - ELECTRICAL EGRESS MODIFICATIONS/ALTERATIONS	10	10	10-Jul-12	23-Jul-12	26A					
12250	TEMP. REFEED PANEL @ HAIRDRESSING	10	10	12-Jul-12	25-Jul-12	26A					
8650	R.I. OVERHEAD ELECTRICAL - PHASE 1 RENO	15	15	01-Oct-12	19-Oct-12	26A					
8760	LIGHT FIXTURES @ CEILING GRID - PHASE 1 RENO	5	5	08-Nov-12	14-Nov-12	26A					
8820	ELEC. DEVICES / PLATES - PHASE 1 RENO	10	10	08-Nov-12	21-Nov-12	26A					
4419	INSTALL LIGHT FIXTURES IN OPEN AREAS - PHASE 1 RENO	10	10	08-Nov-12	21-Nov-12	26A					
4735	LIGHTING ROUGH @ GYP. CEILINGS - PHASE 1 RENO	5	5	09-Nov-12	15-Nov-12	26A					
6160	ELEC. PIPE SLEEVES SOMD - BLDG. A ADDITION	6	6	20-Feb-13	27-Feb-13	26A					
5820	ELEC. PIPE SLEEVES SOMD - BUILDING B ADDITION	2	2	20-Mar-13	21-Mar-13	26A					
4030	INITIAL OH R.I. ELECT. CONDUIT/RACEWAY - BLDG. B 1ST FLR	10	10	05-Apr-13	18-Apr-13	26A					
4840	R.I. OVERHEAD ELECT. CONDUIT/RACEWAY - BLDG. A AE TO AT 1ST FLR	10	10	11-Apr-13	24-Apr-13	26A					
9300	R.I. OVERHEAD ELECTRICAL - PHASE 2 RENO	5	5	15-Apr-13	19-Apr-13	26A					
7390	R.I. IN-WALL ELECTRIC @ CMU - BLDG. A AA TO AE 1ST FLR	15	15	25-Apr-13	15-May-13	26A					
4370	R.I. IN-WALL ELECTRIC @ CMU - BLDG. B 1ST FLR	20	20	25-Apr-13	22-May-13	26A					
4460	R.I. OVERHEAD ELECT. CONDUIT/RACEWAY- BLDG. B 2ND FLR	10	10	30-Apr-13	13-May-13	26A					
4830	R.I. IN-WALL ELECTRIC @ CMU - BLDG. A AE TO AT 1ST FLR	10	10	02-May-13	15-May-13	26A					
9360	LIGHT FIXTURES @ CEILING GRID - PHASE 2 RENO	5	5	08-May-13	14-May-13	26A					
9420	ELEC. DEVICES / PLATES - PHASE 2 RENO	5	5	08-May-13	14-May-13	26A					
4449	INSTALL LIGHT FIXTURES IN OPEN AREAS - PHASE 2 RENO	5	5	08-May-13	14-May-13	26A					
7400	R.I. OVERHEAD ELECT. CONDUIT/RACEWAY - BLDG. A AA TO AE 1ST FLR	10	10	09-May-13	22-May-13	26A					
7030	R.I. OVERHEAD ELECT. CONDUIT/RACEWAY - BLDG. A AE TO AT 2ND FLR	15	15	16-May-13	05-Jun-13	26A					
4450	R.I. IN-WALL ELECTRIC @ CMU - BLDG. B 2ND FLR	20	20	16-May-13	12-Jun-13	26A					
7430	R.I. ELECTRIC IN WALL - BLDG. A AA TO AE 1ST FLR	10	10	17-May-13	30-May-13	26A					
7020	R.I. IN-WALL ELECTRIC @ CMU - BLDG. A AE TO AT 2ND FLR	10	10	23-May-13	05-Jun-13	26A					
4870	R.I. ELECTRIC IN WALL - BLDG. A AE TO AT 1ST FLR	10	10	30-May-13	12-Jun-13	26A					
4340	R.I. OVERHEAD ELEC. CABLE - BLDG. B 1ST FLR	15	15	30-May-13	19-Jun-13	26A					
7440	ELECTRICAL INSPECTION IN WALL - BLDG. A AA TO AE 1ST FLR	1	1	31-May-13	31-May-13	26A					
4585	LIGHTING ROUGH @ TOILET RM GYP. CEILING - BLDG. A AA TO AE 1ST FLR	4	4	06-Jun-13	11-Jun-13	26A					
7770	R.I. OVERHEAD ELECT. CONDUIT/RACEWAY - BLDG. A AA TO AE 2ND FLR	10	10	06-Jun-13	19-Jun-13	26A					

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7760	R.I. IN-WALL ELECTRIC @ CMU - BLDG. A AA TO AE 2ND FLR	10	10	06-Jun-13	19-Jun-13	26A					
4880	ELECTRICAL INSPECTION IN WALL - BLDG. A AE TO AT 1ST FLR	1	1	13-Jun-13	13-Jun-13	26A					
4145	LIGHTING ROUGH @ GYP. CEILINGS - BLDG. B 1ST FLR	4	4	13-Jun-13	18-Jun-13	26A					
4100	COMPLETE OH R.I. ELECT. CONDUIT/RACEWAY - BLDG. B 1ST FLR	10	10	13-Jun-13	26-Jun-13	26A					
7500	R.I. OVERHEAD ELEC. MC CABLE - BLDG. A AA TO AE 1ST FLR	10	10	17-Jun-13	28-Jun-13	26A					
7060	R.I. ELECTRIC IN WALL - BLDG. A AE TO AT 2ND FLR	10	10	20-Jun-13	03-Jul-13	26A					
7800	R.I. ELECTRIC IN WALL - BLDG. A AA TO AE 2ND FLR	10	10	20-Jun-13	03-Jul-13	26A					
4490	R.I. ELECTRIC IN WALL - BLDG. B 2ND FLR	10	10	25-Jun-13	09-Jul-13	26A					
4940	R.I. OVERHEAD ELEC. CABLE - BLDG. A AE TO AT 1ST FLR	10	10	28-Jun-13	12-Jul-13	26A					
4675	LIGHTING ROUGH @ TOILET RM GYP. CEILING - BLDG. A AA TO AE 2ND FLR	4	4	03-Jul-13	09-Jul-13	26A					
7070	ELECTRICAL INSPECTION IN WALL - BLDG. A AE TO AT 2ND FLR	1	1	05-Jul-13	05-Jul-13	26A					
7810	ELECTRICAL INSPECTION IN WALL - BLDG. A AA TO AE 2ND FLR	1	1	05-Jul-13	05-Jul-13	26A					
4445	LIGHTING ROUGH @ CORR. SOFFITS - BLDG. A AA TO AE 1ST FLR	4	4	05-Jul-13	10-Jul-13	26A					
4265	LIGHTING ROUGH @ GYP. CEILINGS - BLDG. A AE TO AT 1ST FLR	10	10	09-Jul-13	22-Jul-13	26A					
4500	ELECTRICAL INSPECTION IN WALL - BLDG. B 2ND FLR	1	1	10-Jul-13	10-Jul-13	26A					
8230	LIGHT FIXTURES @ B112/B102 - BLDG. B 1ST FLR	7	7	12-Jul-13	22-Jul-13	26A					
7610	LIGHT FIXTURES @ CEILING - BLDG. A AA TO AE 1ST FLR	15	15	15-Jul-13	02-Aug-13	26A					
7670	ELEC. DEVICES / PLATES - BLDG. A AA TO AE 1ST FLR	15	15	15-Jul-13	02-Aug-13	26A					
4140	LIGHT FIXTURES @ CEILING GRID - BLDG. B 1ST FLR	5	5	16-Jul-13	22-Jul-13	26A					
4200	ELEC. DEVICES / PLATES - BLDG. B 1ST FLR	10	10	16-Jul-13	29-Jul-13	26A					
7130	R.I. OVERHEAD ELEC. CABLE - BLDG. A AE TO AT 2ND FLR	10	10	22-Jul-13	02-Aug-13	26A					
4195	LIGHTING ROUGH @ GYP. CEILINGS - BLDG. B 2ND FLR	5	5	25-Jul-13	31-Jul-13	26A					
11830	SITE LIGHTING CONDUIT - PHASE 2 SITework	5	5	25-Jul-13	31-Jul-13	26A					
4560	R.I. OVERHEAD ELEC. CABLE - BLDG. B 2ND FLR	10	10	25-Jul-13	07-Aug-13	26A					
4355	LIGHTING ROUGH @ GYP. CEILINGS - BLDG. A AE TO AT 2ND FLR	5	5	29-Jul-13	02-Aug-13	26A					
4625	LIGHTING ROUGH @ CORR A201F CEILING - BLDG. A AE TO AT 2ND FLR	2	2	05-Aug-13	06-Aug-13	26A					
7870	R.I. OVERHEAD ELEC. CABLE - BLDG. A AA TO AE 2ND FLR	10	10	05-Aug-13	16-Aug-13	26A					
5050	LIGHT FIXTURES @ CEILING - BLDG. A AE TO AT 1ST FLR	10	10	12-Aug-13	23-Aug-13	26A					
6890	ELEC. DEVICES / PLATES - BLDG. A AE TO AT 1ST FLR	10	10	12-Aug-13	23-Aug-13	26A					
4535	LIGHTING ROUGH @ CORR. SOFFIT - BLDG. A AA TO AE 2ND FLR	4	4	23-Aug-13	28-Aug-13	26A					
4670	LIGHT FIXTURES @ CEILING - BLDG. B 2ND FLR	10	10	26-Aug-13	09-Sep-13	26A					
7240	LIGHT FIXTURES @ CEILING - BLDG. A AE TO AT 2ND FLR	10	10	26-Aug-13	09-Sep-13	26A					
7300	ELEC. DEVICES / PLATES - BLDG. A AE TO AT 2ND FLR	10	10	26-Aug-13	09-Sep-13	26A					
4730	ELEC. DEVICES / PLATES - BLDG. B 2ND FLR	10	10	03-Sep-13	16-Sep-13	26A					
7980	LIGHT FIXTURES @ CEILING - BLDG. A AA TO AE 2ND FLR	15	15	05-Sep-13	25-Sep-13	26A					
8040	ELEC. DEVICES / PLATES - BLDG. A AA TO AE 2ND FLR	15	15	05-Sep-13	25-Sep-13	26A					

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8510	ELEC. DEVICES @ LAB CASEWORK - BLDG. A AE TO AT 2ND FLR	5	5	13-Sep-13	19-Sep-13	26A					
11890	SET SITE LIGTING POLES - PHASE 2 PARKING LOT	5	5	04-Oct-13	10-Oct-13	26A					
12060	ELEC. DEVICES @ LAB CASEWORK - BLDG. A AA TO AE 2ND FLR	5	5	08-Oct-13	14-Oct-13	26A					
10110	R.I. OVERHEAD ELECT. CONDUIT/RACEWAY - 2ND FLR 2 STORY WING RE...	15	15	24-Feb-14	14-Mar-14	26A					
10140	R.I. IN-WALL ELECTRIC @ CMU - 2ND FLR 2 STORY WING RENO PH3	10	10	10-Mar-14	21-Mar-14	26A					
10750	R.I. OVERHEAD ELECT. CONDUIT/RACEWAY - 1ST FLR 2 STORY WING RE...	15	15	26-Mar-14	15-Apr-14	26A					
10360	R.I. ELECTRIC IN WALL - 2ND FLR 2 STORY WING RENO PH3	10	10	31-Mar-14	11-Apr-14	26A					
10770	R.I. IN-WALL ELECTRIC @ CMU - 1ST FLR 2 STORY WING RENO PH3	10	10	02-Apr-14	15-Apr-14	26A					
10390	ELECTRICAL INSPECTION IN WALL - 2ND FLR 2 STORY WING RENO PH3	1	1	14-Apr-14	14-Apr-14	26A					
10800	R.I. ELECTRIC IN WALL - 1ST FLR 2 STORY WING RENO PH3	10	10	30-Apr-14	13-May-14	26A					
6390	U/SLAB ELECTRICAL - ANNEX BLDG.	5	5	06-May-14	12-May-14	26A					
9560	R.I. OVERHEAD ELECTRICAL - PHASE 3 SHOP WING RENO	15	15	07-May-14	27-May-14	26A					
10830	ELECTRICAL INSPECTION IN WALL - 1ST FLR 2 STORY WING RENO PH3	1	1	14-May-14	14-May-14	26A					
10440	R.I. OVERHEAD ELEC. CABLE - 2ND FLR 2 STORY WING RENO PH3	10	10	14-May-14	27-May-14	26A					
4985	LIGHTING ROUGH @ GYP. CEILINGS - 2ND FLR 2 STORY WING RENO PH3	5	5	21-May-14	27-May-14	26A					
10880	R.I. OVERHEAD ELEC. CABLE - 1ST FLR 2 STORY WING RENO PH3	10	10	29-May-14	11-Jun-14	26A					
11510	R.I. OVERHEAD ELECTRICAL - FITNESS ROOM AREA	15	15	04-Jun-14	24-Jun-14	26A					
5075	LIGHTING ROUGH @ GYP. CEILINGS - 1ST FLR 2 STORY WING RENO PH3	3	3	05-Jun-14	09-Jun-14	26A					
9620	LIGHT FIXTURES @ CEILING GRID - PHASE 3 SHOP WING RENO	5	5	09-Jun-14	13-Jun-14	26A					
9700	ELEC. DEVICES / PLATES - PHASE 3 SHOP WING RENO	10	10	09-Jun-14	20-Jun-14	26A					
4479	INSTALL LIGHT FIXTURES IN OPEN AREAS - PHASE 3 SHOP WING RENO	10	10	09-Jun-14	20-Jun-14	26A					
4895	LIGHTING ROUGH @ GYP. CEILINGS - PHASE 3 SHOP WING RENO	5	5	10-Jun-14	16-Jun-14	26A					
10560	LIGHT FIXTURES @ CEILING - 2ND FLR 2 STORY WING RENO PH3	10	10	11-Jun-14	24-Jun-14	26A					
10590	ELEC. DEVICES / PLATES - 2ND FLR 2 STORY WING RENO PH3	10	10	11-Jun-14	24-Jun-14	26A					
5195	LIGHTING ROUGH @ GYP. CEILINGS - FITNESS AREA	3	3	19-Jun-14	23-Jun-14	26A					
10970	R.I. OVERHEAD ELECTRICAL - ANNEX BLDG.	15	15	19-Jun-14	09-Jul-14	26A					
11570	R.I. ELECTRIC IN WALL - FITNESS AREA	5	5	24-Jun-14	30-Jun-14	26A					
4559	INSTALL LIGHT FIXTURES IN OPEN AREAS - ANNEX BLDG.	10	10	27-Jun-14	10-Jul-14	26A					
11580	ELECTRICAL INSPECTION IN WALL - FITNESS AREA	1	1	01-Jul-14	01-Jul-14	26A					
10990	LIGHT FIXTURES @ CEILING - 1ST FLR 2 STORY WING RENO PH3	10	10	02-Jul-14	15-Jul-14	26A					
11020	ELEC. DEVICES / PLATES - 1ST FLR 2 STORY WING RENO PH3	10	10	02-Jul-14	15-Jul-14	26A					
11690	LIGHT FIXTURES @ CEILING - FITNESS AREA	5	5	24-Jul-14	30-Jul-14	26A					
11710	ELEC. DEVICES / PLATES - FITNESS AREA	5	5	24-Jul-14	30-Jul-14	26A					
11940	SITE LIGHTING CONDUIT - PHASE 3 SITWORK	5	5	27-Aug-14	02-Sep-14	26A					
12020	SET SITE LIGTING POLES - PHASE 3 PARKING LOT	5	5	15-Oct-14	21-Oct-14	26A					

**AV AND TELE/DATA**

Data Date - 12-Sep-11  
Run Date - 23-Sep-11

- █ Remaining Level of Effort
- █ Actual Level of Effort
- █ Actual Work

H. C. WILCOX TECHNICAL HIGH SCHOOL  
Sort By BP



Date	Revi...	Che...	Appr...



Activity ID	Activity Name	Orig Dur	Rem Dur	ES	EF	BID PAC...	2012	2013	2014	2015	2016
4330	R.I. OVERHEAD TELE/DATA - BLDG. B 1ST FLR	15	15	30-May-13	19-Jun-13	26B					
7490	R.I. OVERHEAD TELE/DATA - BLDG. A AA TO AE 1ST FLR	10	10	17-Jun-13	28-Jun-13	26B					
4930	R.I. OVERHEAD TELE/DATA - BLDG. A AE TO AT 1ST FLR	10	10	28-Jun-13	12-Jul-13	26B					
7120	R.I. OVERHEAD TELE/DATA - BLDG. A AE TO AT 2ND FLR	10	10	22-Jul-13	02-Aug-13	26B					
4550	R.I. OVERHEAD TELE/DATA - BLDG. B 2ND FLR	10	10	25-Jul-13	07-Aug-13	26B					
7860	R.I. OVERHEAD TELE/DATA - BLDG. A AA TO AE 2ND FLR	10	10	05-Aug-13	16-Aug-13	26B					
10430	R.I. OVERHEAD TELE/DATA - 2ND FLR 2 STORY WING RENO PH3	10	10	14-May-14	27-May-14	26B					
10870	R.I. OVERHEAD TELE/DATA - 1ST FLR 2 STORY WING RENO PH3	10	10	29-May-14	11-Jun-14	26B					
<b>ALL TRADES</b>											
7110	LAST DAY OF STUDENTS - 2011-2012 SCHOOL YEAR	0	0		22-Jun-12*	99A					
4399	PUNCHLIST FLOOR - PHASE 1 RENO	5	5	14-Dec-12	20-Dec-12	99A					
4429	PUNCHLIST FLOOR - PHASE 2 RENO	5	5	05-Jun-13	11-Jun-13	99A					
4299	AREA PUNCHLIST FLOOR (RCL) - BLDG. B 1ST FLR	10	10	30-Jul-13	12-Aug-13	99A					
4339	AREA PUNCHLIST FLOOR (RCL) - BLDG. A AA TO AE 1ST FLR	10	10	19-Aug-13	30-Aug-13	99A					
4319	AREA PUNCHLIST FLOOR (RCL) - BLDG. A AE TO AT 1ST FLR	10	10	10-Sep-13	23-Sep-13	99A					
4309	AREA PUNCHLIST FLOOR (RCL) - BLDG. B 2ND FLR	10	10	01-Oct-13	14-Oct-13	99A					
4329	AREA PUNCHLIST FLOOR (RCL) - BLDG. A AE TO AT 2ND FLR	10	10	01-Oct-13	14-Oct-13	99A					
4349	AREA PUNCHLIST FLOOR (RCL) - BLDG. A AA TO AE 2ND FLR	10	10	18-Oct-13	31-Oct-13	99A					
5600	PHASE 1 - NEW ADDITION FINAL PUNCHLIST/COMMISIONING	19	19	01-Nov-13	28-Nov-13	99A					
5720	PHASE 1 - NEW ADDITIONS TCO	0	0		28-Nov-13	99A					
4499	AREA PUNCHLIST FLOOR (RCL) - 2ND FLR 2 STORY WING RENO PH3	5	5	16-Jul-14	22-Jul-14	99A					
4459	FINAL PUNCHLIST/COMMISSIONING - PHASE 3 SHOP WING RENO	15	15	25-Jul-14	14-Aug-14	99A					
4519	AREA PUNCHLIST FLOOR (RCL) - 1ST FLR 2 STORY WING RENO PH3	5	5	30-Jul-14	05-Aug-14	99A					
11260	FINAL PUNCHLIST/COMMISSIONING - ANNEX BLDG.	10	10	30-Jul-14	12-Aug-14	99A					
4529	FINAL PUNCHLIST/COMMISSIONING - 2 STORY WING RENO PH3	10	10	06-Aug-14	19-Aug-14	99A					
4569	FINAL PUNCHLIST/COMMISSIONING - FITNESS AREA	10	10	08-Aug-14	21-Aug-14	99A					
5550	PROJECT SUBSTANTIAL COMPLETION	0	0		05-Nov-14	99A					
<b>OWNER</b>											
8940	OWNER VACATE SPACE - PHASE 1 RENO	5	5	25-Jun-12	29-Jun-12	99B					
9280	VACATE NORTH CLASSROOM WING	5	5	25-Jun-12	29-Jun-12	99B					
7480	PHASE 1 - MOVE BOOKS OUT TO PORTABLES	5	5	05-Jul-12	11-Jul-12	99B					
9240	PHASE 1 - MOVE-IN TEMP. PORTABLES	5	5	05-Jul-12	11-Jul-12	99B					
5460	PHASE 1 SHOP WING - RELOCATION/MOVE-IN RENOVATED SPACE	5	5	21-Dec-12	28-Dec-12	99B					
9520	OWNER VACATE SPACE - PHASE 2 RENO	5	5	21-Dec-12	28-Dec-12	99B					
5920	PHASE 2 - RELOCATION/MOVE-IN RENOVATED SPACE	5	5	12-Jun-13	18-Jun-13	99B					
5990	OWNER VACATE 2 STORY CLASSROOM WING PH3	5	5	23-Dec-13	30-Dec-13	99B					

Data Date - 12-Sep-11  
Run Date - 23-Sep-11

■ Remaining Level of Effort  
■ Actual Level of Effort  
■ Actual Work






Date	Revi...	Che...	Appr...



Activity ID	Activity Name	Orig Dur	Rem Dur	ES	EF	BID PAC...	2012	2013	2014	2015	2016
5500	PHASE 1 - MOVE-IN/SERVICE GARAGE & HAIRDRESSER RELOCATIONS	6	6	23-Dec-13	31-Dec-13	99B					
5930	PHASE 1 - OWNER MOVE-IN ADDITIONS	6	6	23-Dec-...	31-Dec-13	99B					
10030	OWNER VACATE SPACE - PHASE 3 SHOP WING RENO	6	6	05-Feb-14	12-Feb-14	99B					
11280	OWNER FF&E INSTALL/MOVE-IN	10	10	13-Aug-14	26-Aug-14	99B					
5470	OWNER FF&E INSTALL/MOVE-IN PHASE 3 SHOP WING	5	5	15-Aug-14	21-Aug-14	99B					
4539	OWNER FF&E INSTALL/MOVE-IN - 2 STORY WING RENO PH3	8	8	20-Aug-14	29-Aug-14	99B					
11300	OWNER COMPLETE MOVE-IN PHASE 3 SHOP WING	0	0		21-Aug-14	99B					
4579	OWNER MOVE-IN FITNESS AREA	3	3	22-Aug-14	26-Aug-14	99B					
11290	OWNER COMPLETE MOVE-IN ANNEX BLDG.	0	0		26-Aug-14	99B					
4589	OWNER COMPLETE MOVE-IN FITNESS AREA	0	0		26-Aug-14	99B					
4549	OWNER COMPLETE MOVE-IN 2 STORY WING PH3	0	0		29-Aug-14*	99B					

Data Date - 12-Sep-11  
Run Date - 23-Sep-11

-  Remaining Level of Effort
-  Actual Level of Effort
-  Actual Work

H. C. WILCOX TECHNICAL HIGH SCHOOL  
Sort By BP



Date	Revi...	Che...	Appr...

**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 02A – Demolition & Abatement Removal – SBE SET-ASIDE**

**NOTE THAT THIS BID PACKAGE HAS BEEN SET ASIDE FOR SMALL BUSINESS ENTERPRISE (SBE)  
BIDS ONLY. BIDS BY NON-SBE CONTRACTORS WILL BE REJECTED.**

**PRE-BID CONFERENCE: October 11, 2011  
TIME: 3:00 PM**

**PROPOSAL DUE DATE: November 1, 2011  
TIME: 2:00 PM**

**LOCATION: HC Wilcox Technical School  
298 Oregon Road  
Meriden, CT 06451**

**LOCATION: Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033**

**DEADLINE FOR SUBMISSION OF QUESTIONS: October 25, 2011**

**To: Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033  
Attention: Patrick J. Delany, District Chief Purchasing Agent**

**FIRM NAME:**

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ the undersigned

**A.** Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Demolition and Abatement Removal Work** herein described as Bid Package No. 02A as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.** All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of

\_\_\_\_\_ Dollars (\$) ).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

C. Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

D. The above price includes all stipulations and requirements of the following Supplements:

- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... June 25, 2012
- 4. Bid Package Substantial Completion:..... May 8, 2014
- 5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

1. The Bidder will endeavor to obtain a minimum goal of twenty-five percent (25%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.
2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.
3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. **IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.**

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed shall be utilized in accordance with the Plans and Specifications.

**UNIT PRICES:**

1. Polychlorinated Biphenyls (PCB) Contaminated Soils
  - 1.1. PCB contaminated soil, inclusive of loading truck, trucking, and disposal..... \$ \_\_\_\_\_/CY
2. Lead Based Paint (LBP)
  - 2.1. Set up containment area (up to 400SF) including barriers and decontamination unit for removal of LBP..... \$ \_\_\_\_\_/EA
  - 2.2. Strip LBP from flat surfaces ..... \$ \_\_\_\_\_/SF
  - 2.3. Disposal of hazardous waste containing lead ..... \$ \_\_\_\_\_/CY
3. Asbestos Contaminated Material (ACM)
  - 3.1. Set up containment area (up to 400SF) including decontamination unit for abatement of ACM..... \$1,300.00/EA
  - 3.2. Removal of pipe insulation ..... \$20.00/LF
  - 3.3. Glove bag removal of pipe fitting insulation ..... \$50.00/EA
  - 3.4. Removal of resilient flooring and associate mastic ..... \$5.00/SF
  - 3.5. Removal of vinyl wall cove base associated mastic ..... \$2.50/LF
  - 3.6. Removal of poured composition(Asbestolith) flooring (1/4" thick)..... \$2.50/SF
  - 3.7. Removal of floor levelstic..... \$1.50/SF
  - 3.8. Removal of wood flooring and underlying felt paper or mastic vapor barrier ..... \$7.00/SF
  - 3.9. Removal of paneling, chalkboards, tack boards, mirrors including cleaning wall surfaces of associated mastic ..... \$5.00/SF
  - 3.10. Removal of suspended acoustic ceiling ..... \$1.00/SF
  - 3.11. Removal of plaster or gypsum wallboard partition or ceiling ..... \$1.75/SF
  - 3.12. Removal of CMU wall..... \$4.00/SF

- 3.13. Removal of HVAC ductwork ..... \$1.00/SF
- 3.14. Removal of pipe flange gasket..... \$25.00/EA
- 3.15. Removal of transite sheet..... \$12.50/SF
- 3.16. Removal of fire door and/or door glazing..... \$125.00/EA
- 3.17. Removal of transite lab top, table or fume hood..... \$5.00/SF
- 3.18. Removal of exterior transite pipe or conduit ..... \$25.00/LF
- 3.19. Hard Barrier – Work area separation consisting of metal studs 16” o.c., 5/8” fire rated gypsum wall board both sides, joints taped and edges sealed with caulk..... \$12.50/SF
- 4. PCB Abatement
  - 4.1. Set up containment area (up to 400SF) including decontamination unit for abatement of PCB ..... \$1,300.00/EA
  - 4.2. Set up containment area (up to 400SF) including decontamination unit except for installation of equipment used to create and maintain negative pressure for abatement of PCB ..... \$1,100.00/EA
  - 4.3. PCB contaminated caulk abatement with removal of 6” of building materials on either side of caulked joint..... \$4.73/LF
  - 4.4. PCB contaminated caulk abatement with removal of 12” of building materials on either side of caulked joint..... \$8.78/LF
  - 4.5. PCB contaminated caulk abatement with no removal of building materials ..... \$3.15/LF
  - 4.6. Removal of door and contaminated caulk ..... \$125.00/EA
- 5. Spruce fir 2” X 6” X 8’ ..... \$ \_\_\_\_\_/EA
- 6. 4X8 Sheet of 3/4” exterior grade plywood ..... \$ \_\_\_\_\_/EA
- 7. One (1) 20’ x 100’ roll 6 mil flame retardant reinforced polyethylene type sheeting ..... \$ \_\_\_\_\_/EA
- 8. Concrete floor saw-cutting (up to 6” thick) ..... \$ \_\_\_\_\_/LF

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.



**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES: if these allowances are listed in spec, please make sure to reference the spec section

1. Removal and legal disposal of 500CY of PCB contaminated soils.
  - a. PCB contaminated soils .....\$ \_\_\_\_\_/CY X 500 = \$ \_\_\_\_\_
  
2. Lead Based Paint (LBP)
  - a. Set up containment area (up to 400SF) including barriers and decontamination unit for removal of LBP. ....\$ \_\_\_\_\_/EA X 12 = \$ \_\_\_\_\_
  - b. Strip LBP from flat surfaces .....\$ \_\_\_\_\_/SF X 100 = \$ \_\_\_\_\_
  - c. Disposal of hazardous waste containing lead .....\$ \_\_\_\_\_/CY X 1 = \$ \_\_\_\_\_
  - Total LBP Allowance ..... \$ \_\_\_\_\_
  
3. Asbestos Contaminated Material (ACM)
  - a. Set up containment area (up to 400SF) including decontamination unit for abatement of ACM .....\$1,300 /EA X 4 = \$5,200
  - b. Removal of pipe insulation ..... \$20/LF X 200 = \$4,000
  - c. Glove bag removal of pipe fitting insulation .....\$50/EA X 400 = \$20,000
  - d. Removal of resilient flooring and associate mastic .....\$5/SF X 1000 = \$5,000
  - e. Removal of vinyl wall cove base associated mastic ..... \$2.50/LF X 250 = \$625
  - f. Removal of poured composition(Asbestolith) flooring (1/4" thick) .....\$2.50/SF X 400 = \$1,000
  - g. Removal of floor levelstic.....\$1.50 /SF X 1000 = \$1,500
  - h. Removal of wood flooring and underlying felt paper or mastic vapor barrier.....\$7/SF X 275 = \$1,925

- i. Removal of paneling, chalkboards, tack boards, mirrors including cleaning wall surfaces of associated mastic.....\$5/SF X 300 = \$1,500
  - j. Removal of suspended acoustic ceiling .....\$1 /SF X 1000 = \$1,000
  - k. Removal of plaster or gypsum wallboard partition or ceiling .....\$1.75/SF X 1000 = \$1,750
  - l. Removal of CMU wall.....\$4/SF X 1000 = \$4,000
  - m. Removal of HVAC ductwork .....\$1 /SF X 1000 = \$1,000
  - n. Removal of pipe flange gasket.....\$25/EA X 10 = \$250
  - o. Removal of transite sheet.....\$12.50/SF X 1000 = \$12,500
  - p. Removal of fire door and/or door glazing.....\$125/EA X 10 = \$1,250
  - q. Removal of transite lab top, table or fume hood.....\$5 /SF X 100 = \$500
  - r. Removal of exterior transite pipe or conduit ..... \$25/LF X 100 = \$2,500
  - s. Hard Barrier – Work area separation consisting of metal studs 16” o.c., 5/8” fire rated gypsum wall board both sides, joints taped and edges sealed with caulk .....\$12.50/SF X 1000 = \$12,500
  - Total ACM Allowance..... \$ 78,000
4. PCB Abatement
- a. Set up containment area (up to 400SF) including decontamination unit for abatement of PCB.....\$1,300 /EA X 2 = \$2,600
  - b. Set up containment area (up to 400SF) including decontamination unit except for installation of equipment used to create and maintain negative pressure for abatement of PCB. ....\$1,100 /EA X 2 = \$2,200
  - c. PCB contaminated caulk abatement with removal of 6” of building materials on either side of caulked joint..... \$4.73/LF X 400 = \$1,892
  - d. PCB contaminated caulk abatement with removal of 12” of building materials on either side of caulked joint ..... \$8.78/LF X 400 = \$3,512
  - e. PCB contaminated caulk abatement with no removal of building materials..... \$3.15/LF X 400 = \$1,260
  - f. Removal of door and contaminated caulk .....\$125/EA X 10 = \$1,250
  - Total PCB Allowance ..... \$12,714
5. 450 man-hours of laborer journeyman premium time labor and 50 man-hours of laborer foreman premium time labor (Premium portion only) to accelerate work in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to maintain the schedule and that this allowance will NOT be used for that purpose.
- Premium Rate Portion – Journeyman Laborer.....\$ \_\_\_\_\_/Hr X 450 = \$ \_\_\_\_\_
- Premium Rate Portion – Foreman Laborer.....\$ \_\_\_\_\_/Hr X 50 = \$ \_\_\_\_\_
6. 100 laborer journeyman man hours to provide interim clean-up in addition to the base scope requirements at the direction of the Construction Manager.
- Journeyman Laborer .....\$ \_\_\_\_\_/Hr X 450 = \$ \_\_\_\_\_

7. 90 man-hours of carpenter journeyman time and 10 man-hours of carpenter foreman time to provide temporary protection measures in addition to the base scope requirements Include all necessary fastenerd, 100- Spruce fir 2" X 6" X 8', 25- 4X8 sheets of 3/4" exterior grade plywood, 4 rolls 20' x 100' roll 6 mil flame retardant reinforced polyethylene type sheeting at the direction of the Construction Manager.

Journeyman Carpenter .....	\$ _____/Hr X 90 =	\$ _____
Foreman Carpenter .....	\$ _____/Hr X 10 =	\$ _____
Spruce fir 2" X 6.....	\$ _____/EA X 100 =	\$ _____
4X8 sheets of 3/4" exterior grade plywood .....	\$ _____/EA X 25 =	\$ _____
20' x 100' roll 6 mil flame retardant reinforced polyethylene type sheeting.....	\$ _____/EA X 4 =	\$ _____
Total .....		\$ _____

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. **COST BREAKDOWN**

Total Material .....	\$ _____
Total Labor Cost .....	\$ _____
Total Subcontractor/Equipment Cost.....	\$ _____
Total Applicable Sales and Use Taxes.....	\$ _____
Allowances.....	\$ _____
Total Bond Cost .....	\$ _____
Total Bid .....	\$ _____
Total Estimated On-Site Manhours .....	_____

2. **QUANTITY BREAKDOWN** (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Safety	L.S	\$ _____
Concrete Cutting	_____ LF.	\$ _____
Selective Demolition	L.S	\$ _____
PCB Abatement	_____ LBS.	\$ _____
ACM Abatement	_____ LBS.	\$ _____
Lead Abatement	_____ SF.	\$ _____
Building Demolition	L.S.	\$ _____
Daily Clean Up	L.S.	\$ _____
Allowances	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____

## **L. SCOPE OF WORK**

### **1. Description of Work Included**

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall **INCLUDE** all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M **SPECIFICATIONS**.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N **Contract Drawings**.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

### **GENERAL**

1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. **ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE.** Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.
2. Retainage of 7.5% is intended to be withheld until Substantial Completion however "partial payments may be made if agreed to by the DCS and Gilbane."
3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor's responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.

5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.



18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.
24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.

28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.
35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect's response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor's SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.

39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor's responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor's project manager and field supervisor.
41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license costs is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.
44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).

46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Provide all labor, materials, equipment and services required to complete all asbestos abatement, lead abatement, PCB abatement, and demolition work.
2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:
  - 020226 Excavation of PCB Remediation Waste Soil
  - 020900 Lead Paint Activity
  - 024116 Structure Demolition
  - 024119 Selective Structure Demolitions
  - 028100 Transportation and Disposal of Hazardous Materials
  - 028213 Asbestos Abatement
  - Unit Price Schedule
  - 028215 Abatement of PCB Contaminated Building MaterialsIn addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.
3. Provide all demolition work as shown and or required, inclusive of removal of all lockers, doors, interior frames, lighting and all other equipment in areas designated for new construction whether or not specifically indicated on the demolition documents. Coordinate activities with Construction Manager. Turn over all salvageable equipment to the Owner for their use as requested. Otherwise, this Trade Contractor is responsible for properly disposing all debris, material and equipment off site.
4. The containment of dust and debris on this project is critical. Provide daily cleanup of the Work. Daily sweeping of all dirt and sanding debris, with wax based sweeping compound is required, as well as additional sweepings as requested by the Construction Manager. Include clean up of all un-assignable trash in addition to your own daily clean up. Construct temporary barriers as necessary to insure the containment of dust and debris if no other barrier is present.
5. Provide all dumpsters required to complete this work. Coordinate the location of your dumpsters with the Construction Manager. The Construction Manager's dumpster shall not be used by this Trade Contractor. Remove and legally dispose of all demolished materials. To the greatest extent possible the Trade Contractor shall recycle demolition material. Provide Construction Manager with documentation of the quantities of materials (tonnage) removed from the site. Also provide documentation of the quantities of materials (tonnage) recycled. In the event that the materials are not directly recycled by the Trade Contractor, provide copies of the monthly recycling report generated by the

facility(ies) which receives the demolition debris. The Project has a goal of recycling at least seventy-five percent (75%) of the waste materials generated by the Project.

6. Items to be salvaged shall be removed by the trade contractor performing the re-installation work. Coordinate accordingly and include all other demolition work.
7. Provide temporary weather protection in areas where demolition and/or abatement occurs and exposes the interior of the building to the exterior. Maintain protection until permanent construction is in place. Protection shall at a minimum consist of fire retardant reinforced poly nailed or screwed in place using wood lath. On the ground level or where access to vandals is likely, use plywood and firmly secured to the structure under poly.
8. Provide all demolition in existing building necessary to complete new work whether or not shown on demolition drawings. Review all drawings to determine extent of demolition made necessary by installation of the new work. Some items of demolition include base cabinets, flooring, ceiling tile and grid, window and sill, lockers, doors, frames and thresholds. The MEP trade contractors will assist with all demolition inside and outside the existing building. The assistance by the MEP trade contractors is limited to identify, make-safe, cut, cap/terminate, and distinctively mark all MEP system components for removal and disposal as well as items to remain; it is thereafter the responsibility of BP02A to remove and dispose of all MEP system components. Demolition includes the removal of all MEP systems supports, hangers, fastener, etc. down to the structure to remain. The only exception is the demolition and removal of electrical/tel/data/fire alarm/intercom demolition work requiring an electrical license to perform the work. At locations/components requiring the demolition work to be performed by a licensed electrician, those areas/items will be demolished and removed to a nearby waste receptacle furnished by BP02A. Empty the receptacle(s) and dispose of the debris as needed. At areas where MEP systems cannot be cut due to asbestos containing materials, abate the component at the location of the cut. Include coordination and layout necessary to locate the area of the cut with the applicable trade contractor. After MEP systems are disconnected perform the demolition and the remainder of the abatement work as required. MEP demolition work where the whole building is scheduled to be demolished in its entirety is limited to make safe, cut, and cap the MEP system serving the building to be demolished. Include demolition and removal of all building components.
9. Remove and dispose of all MEP demolition material inclusive of all equipment and the existing generator. Roof top equipment to be demolished shall be lowered to the ground by others. Include removal and disposal from that point for the roof top equipment. Include a final pass thru of all demolition areas to remove any extraneous hangers and MEP clips left over from the initial demolition work.
10. Include proper removal of the asbestos wrapped stage lighting per note 1 on E2.05
11. Roofing will be removed by others except where the whole building is scheduled to be demolished in its entirety. Any other demolition above the roof is by this trade contractor. Include making all roof openings created by the removal of equipment whether tight and safe. Provide safety railing as required until the holes are properly patched by the appropriate trade.



12. Coordinate removal of existing building roof edges with roofer and carpenter to allow for new roof edge construction. Ensure that no work will be performed that cannot be sealed the same day. The building is to remain weather tight at all times.
13. Remove construction to the extent and in areas necessary to allow the mechanical trades to perform their work. Include removal of the base of the existing boiler to be removed as required for the installation of the new boiler and associated concrete pad.
14. Remove the building to be demolished in its entirety. Include the removal of any underground or overhead structures and foundations associated with the buildings. Note that asbestos and PCB containing materials have been identified in this building. Remove according to their respective specification sections.
15. Provide temporary protection of finished surfaces from any damage including water damage. Repair, restore and/or clean or bear the expense for same for damage to or soiling the work or property of others which results from the work of this bid package.
16. Include the saw cutting for the slab on grade removal noted on S1.01. See detail 5/S3.02 for width of slab on grade removal. Slab on grade removal and excavation is by others.
17. Provide all slab on deck removal, inclusive of the metal deck, as required. See slab on deck removal note on D1.06 and other similar notes. The structural steel removal and shoring at slab on deck removal locations is by others.
18. Make all required notifications and obtain all permits and provide copies to the Construction Manager; pay all fees; give notice; file plans and licenses; and arrange for testing, inspection and approvals as it relates to your work, such that the work of other trades can progress in a continuous manner.
19. Each Trade Contractor with sub trade contractor shall have on site, a competent person to coordinate all those sub trade contractors and be the contact person to the Construction Manager for all issues relating to your contract.
20. All supplemental lighting and power that may be required to perform any of the work of this bid package is the responsibility of this Trade Contractor. Ensure compliance with the Gilbane Safety Plan, OSHA, and applicable building codes. Receptacle power and lighting will be provided by the BP26A Trade Contractor as described in the general conditions.
21. A water source will be provided by others. Properly and safely route water from the source as needed to the use location(s) and protect water routing systems.
22. Provide your own means and methods of conducting work. Furnish all labor, materials, accessories, rigging, hoisting, lighting, power and services required to complete the demolition and abatement work.
23. Asbestos and PCB removal operations may only be conducted by trained accredited personnel and licensed Trade Contractor in accordance with all applicable local, CT, EPA and OSHA regulations. Provide copies of all applicable licenses, first aid certificates, CPR certificates, work plan, notification form and personnel airs for asbestos and PCB.

24. All ACM & PCB waste dumpsters shall be covered, locked and labeled at all times. In addition, inspect dumpsters at least three (3) times per day to ensure that there is no leakage from the dumpster. Should leakage be noted, immediate steps must be taken to control, stop and correct the leakage. Any impacted soils must be immediately collected and bagged and asbestos contaminated waste.
25. The removal, handling and transport of all regulated materials must be conducted by trained accredited personnel and licensed Trade Contractor, Transporter in accordance with all applicable local, CT, EPA and OSHA regulations. Provide copies of all applicable licenses, certificates, notifications, personnel monitoring, etc. The Trade Contractor must transport and dispose of waste at approved, licensed landfills, recycling centers and/or disposal facilities.
26. Provide to the Construction Manager proper waste disposal documentation (asbestos & pcb waste disposal receipt) within five (5) days of removal of the waste from the site. In addition, all completed and signed waste disposal receipts must be received from the final waste disposal facility before final payment and retainage can be processed.
27. Provide all personnel protective equipment and all protective measures required to complete the scope of work in a safe and efficient manner for their employees, other Trade Contractor employees on this site, other personnel utilizing this property, adjoining property occupants and passersby.
28. Inspect the integrity of the abatement containment areas/control devices on a continual basis. Any breaks in containment/control barriers must be immediately corrected and reported to the Construction Manager along with the preventative measures to be taken to ensure that no further such breaks occur.
29. Provide to the Construction Manager an abatement work plan detailing all means and methods, sequence/flow of work, worker and site supervisor manpower utilization.
30. Provide to the Construction Manager evidence (manometer print-outs, etc.) of adequate negative pressure differential in containments.
31. Ensure that the required signage remains in place at all times as well as all other protective measures necessary for multi-contractor site communication/protection.
32. Comply with all applicable local, state and federal regulations.
33. Provide a Project specific Pollution Liability policy with Asbestos/PCB specific coverage. The minimum limit is \$5 Million per Occurrence. The policy shall name Gilbane Building Company and the State of CT as additional insured.
34. Determine all existing conditions which conflict or prevent the complete abatement or removal work and notify the Construction Manager with the details in sufficient time to allow the appropriate mechanical, electrical or general trade's contractors to complete these removals. Remobilization or additional charges shall not be paid to this Trade Contractor for work resulting from their failure to request the removal of conflicting items.

35. Provide all access pre-work (ex., pulling up carpets, demoing walls/ceilings, demoing/moving cabinets, impacting equipment plumbing, etc.) as necessary to get to all asbestos containing and/or other regulated materials.
36. Provide a hygienist to conduct inspections and clearance air sampling as required. The Trade Contractor must coordinate with the Construction Manager so as not to impede work progress and in order to meet the provided phasing and milestone schedule.
37. Trade Contractor shall collect all samples on this project. Should there be questions about any materials; the Trade Contractor shall notify the Construction Manager so that arrangements can be made for a proper assessment by licensed personnel.
38. Provide results of all required OSHA personnel air samples for asbestos to the Construction Manager. At least one set of OSHA personal air samples must be collected each day for each established containment.
39. Provide recording manometers with audible alarms for all major containments to document that the required pressure differential is achieved and maintained for the duration of the abatement in that area. Provide the Construction Manager with copies of the manometer recording tapes for each containment regularly on a weekly basis and immediately at the Construction Manager's request. Should the containment pressure differential dip below the required levels the Trade Contractor must immediately seal all sources of intake air/accesses to ensure no fiber release to unprotected areas. Do not allow any workers within the containment at the time of negative pressure loss to leave prior to sealing as this will increase the likelihood of fiber release. This access shall remain sealed until adequate negative pressure has been restored.
40. Have on site at all times at least one additional operational negative pressure air filtration machine to be used in the event there is a malfunction of a machine being used in a containment area. In addition to this primary required "back-up", the Trade Contractor shall have one additional "back-up" machine for every four (4) separate containment areas in which abatement is occurring concurrently.
41. Include removal of existing decking, as detailed on A1.11.
42. Provide all lead abatement required. Coordinate with the structural steel trade contractor for lead abatement at all connections to existing structure.
43. Provide all shoring of existing structure as may be required by demolition activities. All shoring must be designed and stamped by a licensed professional engineer. Maintain shoring until no longer needed. Remove and dispose of when requested by the Construction Manager.
44. Cut all roof opening in concrete roof decks as required. See 1/S1.11 and assume all posts require deck cuts.
45. Provide cutting of openings more than 144 square inches for the installation of new and/or temporary MEP systems. The applicable MEP trade will provide layout, inclusive of marking the actual location on the material to be cut, for holes in excess of 144 square inches. Review all drawings, inclusive of the MEP drawings, for the extent of the new and/or temporary MEP systems. Include bracing and shoring as needed.

46. Review all structural drawings and include all demolition required at existing masonry where new work is to be installed. Layout shall be performed jointly with the other trade requiring access for installation of their work.
47. Include all stage lighting demolition work. See the “E” drawings and include all work accordingly.
48. Include cutting of drywall ceilings where required to allow new work to be installed.

2. Description of Work Excluded

1. Demolition and removal of electrical/tel/data/fire alarm/intercom demolition work requiring an electrical license to perform
2. Building and Site Excavation
3. Saw cutting and removal of slab inside build for excavation activities
4. Roofing except where the whole building is scheduled to be demolished in its entirety

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:

Gilbane Project Manual  
All Division 01 – General Requirements  
020226 Excavation of PCB Remediation Waste Soil  
020900 Lead Paint Activity  
024116 Structure Demolition  
024119 Selective Structure Demolition  
028100 Transportation and Disposal of Hazardous Materials  
028213 Asbestos Abatement  
028215 Abatement of PCB Contaminated Building Materials

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

**N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.



**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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C. Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

D. The above price includes all stipulations and requirements of the following Supplements:

- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... August 20, 2012
- 4. Bid Package Substantial Completion:..... June 4, 2014
- 5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR: _____
_____	_____ EMR: _____
_____	_____ EMR: _____
_____	_____ EMR: _____

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS Match this section up to final matrix**

1. The Bidder will endeavor to obtain a minimum goal of twenty-five percent (25%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.
2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.
3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. **IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.**

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

**UNIT PRICES:**

1.	4000 psi Concrete Class A (material only) .....	\$ _____	/CY
2.	3000 psi Concrete Class B (material only) .....	\$ _____	/CY
3.	4000 psi Concrete Class C (material only) .....	\$ _____	/CY
4.	Rebar (in place).....	\$ _____	/TN
5.	2" Rigid Insulation (in place).....	\$ _____	/SF
6.	Concrete Pump Truck /operator .....	\$ _____	/Day
7.	Equipment Pad (base pricing on 6" thick pad detail on S0.03) .....	\$ _____	/SF
8.	Spruce fir 2" X 6" X 8' .....	\$ _____	/EA
9.	4X8 Sheet of 3/4" exterior grade plywood .....	\$ _____	/EA
10.	20' x 100' roll 6 mil flame retardant reinforced polyethylene type sheeting .....	\$ _____	/EA
11.	1" X 6" X 12' #2 pine or similar.....	\$ _____	/EA
12.	Slab boot for vertical post.....	\$ _____	/EA

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized.

Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.



**ALLOWANCES:**

1. 300 man-hours of premium time portion of the labor rate to accelerate work in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to maintain the schedule and that this allowance will not be used for that purpose.
 

Laborer Journeyman .....	\$ _____/Hr X 100 =	\$ _____
Carpener Journeman .....	\$ _____/Hr X 100 =	\$ _____
Cement Finisher Journeyman .....	\$ _____/Hr X 100 =	\$ _____
Total .....		\$ _____
  
2. 100 Laborer Man Hours to provide interim clean-up in addition to the base scope requirements at the direction of the Construction Manager.
 

Laborer Journeyman .....	\$ _____/Hr X 100 =	\$ _____
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3. 100 man-hours of journeyman time and 30 man-hours of foreman time to provide temporary protection measures in addition to the base scope requirements Include all necessary fasteners, 100- Spruce fir 2" X 6" X 8', 25- 4X8 sheets of 3/4" exterior grade plywood, 4 rolls 20' x 100' roll 6 mil flame retardant reinforced polyethylene type sheeting at the direction of the Construction Manager. This is in addition to requirements of the base bid
 

Journeyman .....	\$ _____/Hr X 90 =	\$ _____
Foreman .....	\$ _____/Hr X 10 =	\$ _____
Spruce fir 2" X 6".....	\$ _____/EA X 100 =	\$ _____
4X8 sheets of 3/4" exterior grade plywood .....	\$ _____/EA X 25 =	\$ _____
20' x 100' roll 6 mil flame retardant reinforced polyethylene type sheeting.....	\$ _____/EA X 4 =	\$ _____
Total .....		\$ _____
  
4. 100 Man hours to provide safety railings (100 – 2X6X8, 25 slab boots for vertical posts, 25- 1X6X12 Toe Board material, 20 sheets of 3/4 " plywood) in addition the base scope requirements at the direction of the Construction Manager.
 

Journeyman.....	\$ _____/Hr X 90 =	\$ _____
Foreman .....	\$ _____/Hr X 10 =	\$ _____
Spruce fir 2" X 6" .....	\$ _____/EA X 100 =	\$ _____
Slab boot for vertical post.....	\$ _____/EA X 25 =	\$ _____
1" X 6" X 12' # 2 pine or equivalent.....	\$ _____/EA X 25 =	\$ _____
4X8 sheets of 3/4" exterior grade plywood .....	\$ _____/EA X 20 =	\$ _____
Total.....		\$ _____
  
5. 500 square feet of 6" thick equipment pad, inclusive of all needed reinforcement and anchorage. Identify the allowance value included in the bid. This is for any equipment pads not already specifically shown or required by the contract documents:
 

6" thick pad per detail on S0.03.....	\$ _____/SF X 500 =	\$ _____
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**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. COST BREAKDOWN

Total Material .....	\$ _____
Total Labor Cost .....	\$ _____
Total Subcontractor/Equipment Cost.....	\$ _____
Total Applicable Sales and Use Taxes.....	\$ _____
Allowances.....	\$ _____
Total Bond Cost .....	\$ _____
Total Bid .....	\$ _____
Total Estimated On-Site Manhours .....	_____

2. QUANTITY BREAKDOWN (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Footings & Piers	_____ CY	\$ _____
Foundation Walls	_____ CY	\$ _____
Slab on Grade	_____ CY	\$ _____
Slab on Deck	_____ CY	\$ _____
Trench Infill	_____ CY	\$ _____
All other Concrete	_____ CY	\$ _____
Rebar	_____ Ton	\$ _____
2" Rigid Insulation	_____ SF	\$ _____
Damp proofing	_____ SF	\$ _____
Daily Clean-up	_____ LS	\$ _____
Scaffold Stair Access	_____ MO	\$ _____
Other	_____ LS	\$ _____
Bond Cost	_____ LS	\$ _____
Total Bid	_____ LS	\$ _____

**L. SCOPE OF WORK**

1. Description of Work Included

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.

- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

### **GENERAL**

1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.
2. Retainage of 7.5% is intended to be withheld until Substantial Completion however "partial payments may be made if agreed to by the DCS and Gilbane."
3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor's responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.

8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.

22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.
24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.
28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit

- requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
  33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
  34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.
  35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect's response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
  36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
  37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor's SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
  38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.
  39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
  40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor's responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor's project manager and field supervisor.



41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license costs is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.
44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Provide all materials, labor, equipment and services required to complete all building related cast-in-place concrete in accordance with the contract documents. This includes,

but is not limited to: footings, foundation walls, vapor barrier, slab on grade, slabs on deck, topping slabs, piers, pilasters, knee walls, equipment pads, stairs, ramps and self-adhering sheet waterproofing.

2. Provide all work as specified in the following Specification Sections and as shown on the drawings (all drawings). The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:  
033000 CAST-IN-PLACE CONCRETE  
071113 BITUMINOUS DAMPPROOFING  
In addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.
3. Provide all accessories as required for a complete installation including, but not limited to all formwork, reinforcing steel, reinforcement supports, vapor barrier, dowels, welded wire mesh, concrete additives, accelerators, curing compounds, sealers, bonding agents, water stops, dovetail, pre-molded filler, joint filler, etc.
4. Provide all concrete pumping required to complete this work.
5. Provide all saw cutting for joints. Provide all water stop as required. Provide all preformed joint filler, bond breaker, backer rod and sealant within this scope and between this scope and adjoining or adjacent construction. Provide all slab control joints, vertical control joints and construction joints with the scope of work of this bid package.
6. Receive, unload, inventory, secure and install all embedded items furnished by others, including anchor bolts, nuts, leveling nuts, leveling plates, angles, bearing plates, dovetail slots and sleeves.
7. Include all housekeeping pads with dowels drilled and epoxied into the slab as shown. Refer to plumbing, fire protection, mechanical and electrical drawings and all other drawings and specifications and include all pads accordingly. If a height is not specified, assume 6" per "Detail of Interior Concrete Pad For Mechanical Equipment" on S0.03.
8. Provide grouting for base plates, leveling plates, leveling nuts and elevator sill pocket assemblies, Provide box outs for these items as required.
9. Monitor Materials Testing reports and submit in writing to the Construction Manager verification that the reinforcing bars, concrete, and anchor bolts have been installed per the contract documents. Additionally, this Trade Contractor shall verify that the concrete has reached 75% of its design strength and any modification to the anchor bolts has been submitted to and approved by the structural engineer of record for the project. This letter of verification shall be given to the Construction Manager prior to the commencement of steel erection. This Trade Contractor shall be responsible for any repairs due to misalignment.
10. Clean, in its' entirety, all metal decking prior to placement of concrete. Include the removal of debris left by other trades and blow out or sweep as required prior to the placement of concrete.
11. Provide additional concrete as required to meet the slab flatness tolerance due to deflection.

12. Provide all non-drilled dowels and rebar required from concrete to masonry. Coordinate spacing and locations with the mason accordingly.
13. Provide column isolated diamonds. Assume slab on grade (S.O.G.) will be placed prior to erection of steel.
14. Provide all shoring, bracing, staging, pumping, and hoisting as needed to complete the Work. Include cost to provide shoring identified by the deck supplier during the shop drawing process.
15. Floor expansion joint frames/covers are being provided by others. Provide block-out for all floor and wall expansion joints. Ensure final openings, after concrete has cured, are within specified tolerances for the floor expansion joints. Any deviations from specified tolerance shall be rectified by this Trade Contractor at its own cost. Fill openings with concrete after expansion joint is installed.
16. Provide box-outs for all items to be installed in concrete walls and slabs including but not limited to MEP items, miscellaneous metals/steel, rough-in boxes, piping, ductwork, door hardware, walk-in freezers/coolers, etc. Coordinate with other trades as required. Fill openings with concrete after item is installed.
17. Provide reinforcing of concrete floors at all masonry partitions.
18. Provide shoring of slabs as necessary to maintain/achieve acceptable floor deflection.
19. Provide all costs for standby trades should your work be performed during other than normal working hours.
20. Provide all curing, dustproofing, shake on waterproofing, and sealer materials. Insure compatibility of curing agents with final floor finish. Proposed products must be reviewed with Construction Manager prior to installation to insure compatibility. If this is not done this trade contractor Assumes responsibility and all costs for corrective measures necessary to install the prescribed floor finish. Provide sealer on floors indicated to receive sealer only in the finish schedule. Confirm compatibility of sealers with final floor finish prior to installing sealer. Notify Construction manager of any inconsistencies prior to installation.
21. Provide underslab vapor barrier and include repairing any tears caused by reinforcing activities. Include the bitumastic coating at steel column bases as detailed on S0.04, where required.
22. Provide all 2" horizontal insulation below the S.O.G. and from the underside of S.O.G. to the top of footing on the interior vertical face of the foundation wall in accordance with specification section 072100 Bulding Insulation and as shown on drawings.
23. If a conflict exists between the architectural and structural drawing provide footings in locations and sizes as shown on the structural drawings.
24. Immediately following the placement of an elevated slab install a 4" high toe board along the perimeter of the slab and at all interior openings, per the safety plan and in a manner durable enough to withstand standard adjacent construction practices. Removal will be by others. Provide temporary hand railings and toe boards as required by OSHA at all Cast-

in-Place concrete walls where the top of the walls is more than four feet above grade. Provide hand railings and toe boards and/or plywood floor opening covers at the perimeter of all elevated floors, roof and deck openings. The structural steel trade contractor will provide a cable rail system at all elevated decks, supplement this protection as needed. Provide plywood covers at floor openings not protected by two cable system. This Trade Contractor shall maintain hand railings and toe boards for the duration of his work. Remove and replace same as required to complete the concrete work. Remove and dispose of all temporary hand railings, toe boards and floor opening covers as directed by the Construction Manager.

25. The base for the S.O.G. will be graded to +/- 1" with a net of 0" by others. Perform all grading required beyond that provided by others.
26. Provide a scaffold stair tower with a minimum 3' wide stair for general construction access at each addition with access to each level, including the roof, upon obtaining access to upper levels from the Structural Steel Contractor. BP03A shall provide rental, maintenance, and inspection by an onsite competent person until the permanent stair assemblies are complete. Also include two additional stair towers as described above for access to the roof at existing portions of the building. The locations will be determined by the Construction Manager and the duration of the duration of the two roof access scaffold stair tower shall be six (6) months.
27. Properly control and contain the wash-out of equipment, including delivery trucks, so as not to allow run-off and contamination of adjoining areas. The Construction Manager will designate wash out areas. The removal off-site of concrete materials resulting from the cleaning out of ready-mix trucks and pumps is by others.
28. Review all flooring specifications. Where the finish floor specifications and concrete specifications conflict with regards to flatness and levelness, provide the more stringent requirement.
29. Provide foundation dampproofing as indicated on drawings and as described in Specifications Section 071113 Bituminous Dampproofing.
30. Provide all lines, grades, layout, field engineering and survey work as required to complete this scope of work.
31. Provide all required heat, heat containment, and weather protection required to maintain the schedule. There will be NO additional compensation for winter protection associated with this Trade Contractor. All cold weather work requirements shall be include in base bid. This Trade Contractor is responsible for frost protection upon placement of the foundation and/or slab on grade within the foundation.
32. This Trade Contractor is solely responsible for the legal disposal of debris, demolition and surplus excavated materials generated by his scope of work. No clean-up or dumpster will be provided by others.
33. Procure any and all permits, as required, to complete the work of this bid package and furnish copies of all permits to the Construction Manager as required. General Building Permit fees will be paid by the Owner.

34. On-site space for material storage is limited. Coordinate all deliveries with Construction Manager at least 48 hours in advance.
35. Include cost to provide mock-ups of architecturally finished concrete walls for the architect's approval. Recast as necessary until an acceptable sample is approved by the architect.
36. Provide all slab depressions and trenches.
37. Provide all concrete patching and infill necessary to restore renovation areas to finish condition. This includes patching concrete that was removed for underground utilities or structural reinforcement. All areas may not be shown on Architectural or structural drawings; refer to MEP drawings for additional scope areas. Provide all surface preparation as needed, including scarification as needed.
38. Provide exterior concrete pads shown on S1.03, S1.04 and S1.05; further detailed on S3.05 and S3.07. Provide foundation for Exterior Message Board.
39. Provide all new concrete slabs in existing areas as shown on the drawings.
40. Provide all drilled anchors as required for your work. See 11/S3.01, 5/S3.05, 10/S3.03, and other similar details for typical locations of the drilled anchors.
41. Include all aprons shown on the structural drawings.
42. Provide the concrete enclosure as shown in 3/A4.37 and all other similar instances.

2. Description of Work Excluded

1. Site Concrete
2. Drilled dowels for masonry
3. Demolition of existing concrete for new concrete work

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:  
Gilbane Project Manual  
All Division 01 – General Requirements  
033000 CAST-IN-PLACE CONCRETE  
071113 BITUMINOUS DAMPPROOFING
2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

**N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.



**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 04A – Masonry – SBE SET ASIDE**

**NOTE THAT THIS BID PACKAGE HAS BEEN SET ASIDE FOR SMALL BUSINESS ENTERPRISE (SBE)  
BIDS ONLY. BIDS BY NON-SBE CONTRACTORS WILL BE REJECTED.**

**PRE-BID CONFERENCE:**    **October 11, 2011**  
**TIME:**                            **3:00 PM**

**PROPOSAL DUE DATE:**    **November 1, 2011**  
**TIME:**                            **2:00 PM**

**LOCATION:**    **HC Wilcox Technical School**  
                  **298 Oregon Road**  
                  **Meriden, CT 06451**

**LOCATION:**    **Gilbane Building Company**  
                  **208 New London Turnpike**  
                  **Glastonbury, CT 06033**

**DEADLINE FOR SUBMISSION OF QUESTIONS:**    **October 25, 2011**

**To:**    Gilbane Building Company  
          208 New London Turnpike  
          Glastonbury, CT 06033  
          Attention: Patrick J. Delany, District Chief Purchasing Agent

**FIRM NAME:**

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ the undersigned

**A.**    Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Masonry Work** herein described as Bid Package **No. 04A** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.**    All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of

\_\_\_\_\_ Dollars (\$) \_\_\_\_\_).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

C. Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

D. The above price includes all stipulations and requirements of the following Supplements:

- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... August 14, 2012
- 4. Bid Package Substantial Completion:..... June 26, 2014
- 5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

1. The Bidder will endeavor to obtain a minimum goal of twenty-five percent (25%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.
2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.
3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. **IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.**

This proposal includes **100%** certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

**UNIT PRICES:**

1.	Wall Type A.....	\$ _____	/SF
2.	Wall Type A1.....	\$ _____	/SF
3.	Wall Type A2.....	\$ _____	/SF
4.	Wall Type A3.....	\$ _____	/SF
5.	Wall Type A4.....	\$ _____	/SF
6.	Wall Type A5.....	\$ _____	/SF
7.	Wall Type A6.....	\$ _____	/SF
8.	Wall Type A7.....	\$ _____	/SF
9.	Wall Type B.....	\$ _____	/SF
10.	Wall Type B1.....	\$ _____	/SF
11.	Wall Type E.....	\$ _____	/SF
12.	Wall Type E1.....	\$ _____	/SF
13.	Wall Type E2.....	\$ _____	/SF
14.	Wall Type E3.....	\$ _____	/SF
15.	Wall Type E4.....	\$ _____	/SF
16.	Head of wall fire resistant joint system (078446, 3.6, C) .....	\$ _____	/LF

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized.

Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.



**ALLOWANCES:**

1. 300 man-hours of premium time portion of labor to accelerate work in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to maintain the schedule and that this allowance will not be used for that purpose.
 

Mason Journeyman .....	\$ _____/Hr X 200 =	\$ _____
Mason Foreman .....	\$ _____/Hr X 30 =	\$ _____
Laborer Journeyman .....	\$ _____/Hr X 70 =	\$ _____
Total .....		\$ _____
  
2. 200 Man Hours to provide interim clean-up in addition to the base scope requirements at the direction of the Construction Manager.
 

Laborer Journeyman .....	\$ _____/Hr X 200 =	\$ _____
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3. 100 man-hours of miscellaneous CMU wall patching (not indicated on the drawings) and 1,000 SF of A2 type wall materials as directed by the Construction Manager. Include all patching material, equipment, and labor.
 

Mason Journeyman .....	\$ _____/Hr X 72 =	\$ _____
Mason Foreman .....	\$ _____/Hr X 8 =	\$ _____
Laborer Journeyman .....	\$ _____/Hr X 20 =	\$ _____
Wall Type A2.....	\$ _____/SF X 1,000 =	\$ _____
Total .....		\$ _____
  
4. 1,000 LF head of wall fire resistant joint system (078446, 3.6, C) on 8" CMU in addition to the base scope requirements at the direction of the Construction Manager.
 

Head of wall fire resistant joint system.....	\$ _____/LF X 1,000 =	\$ _____
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**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. **COST BREAKDOWN**

Total Material .....	\$ _____
Total Labor Cost .....	\$ _____
Total Subcontractor/Equipment Cost.....	\$ _____
Total Applicable Sales and Use Taxes.....	\$ _____
Allowances.....	\$ _____
Total Bond Cost .....	\$ _____
Total Bid .....	\$ _____
Total Estimated On-Site Man-hours .....	_____

2. **QUANTITY BREAKDOWN** *(Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)*

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Scaffolding	L.S	\$ _____
Rebar	_____ Tons	\$ _____
Brick	_____ Brick	\$ _____
4" CMU Assemblies	_____ Block	\$ _____
6" CMU Assemblies	_____ Block	\$ _____
8" CMU Assemblies	_____ Block	\$ _____
Vapor Barrier Systems	_____ SF	\$ _____
Rigid Insulation	_____ SF	\$ _____
Safety	L.S	\$ _____
Daily Clean-up	L.S.	\$ _____
Allowances	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____

**L. SCOPE OF WORK**

1. Description of Work Included

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

**GENERAL**

- 1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction

- Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.
2. Retainage of 7.5% is intended to be withheld until Substantial Completion however “partial payments may be made if agreed to by the DCS and Gilbane.”
  3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
  4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor’s responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
  5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
  6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
  7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
  8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
  9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
  10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
  11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
  12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control

13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60

days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.

24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.
28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.

35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect’s response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor’s SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.
39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor’s responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor’s project manager and field supervisor.
41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, RFIs, change related correspondence and general correspondence. The license costs is \$500 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$800, \$500 for the license fee plus 20% (\$100) per year for maintenance for 3 years (\$300 total), even if the duration is only 31 months of usage.
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The



Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.

44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Provide all labor, materials, equipment and services required to complete all masonry and related work. The work includes, but is not limited to, all brick, CMU, air and vapor membrane, rigid insulation, ties, anchors, accessories, embedded through wall flashing, cell insulation, weeps, anchor bolts embedded in grout, mortar net, and temporary heat for masonry activities as required by the schedule, in accordance with the Contract Documents.
2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:  
042000 Unit Masonry  
071113 Bituminous Damproofing  
072713 Modified Bituminous Sheet Air Barriers  
In addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.
3. Provide and maintain three (3) scaffold stair towers to allow access to all levels of the building, including the roof. Erect stair towers as soon as possible as the steel erection

progresses and before the concrete work commences. Stairs shall be a minimum of 3'-0" wide. Maintain stair towers until permanent stair construction is complete enough to allow safe passage. Remove temporary stair towers when requested.

4. Properly protect adjacent work and all concrete slabs. Spread masonry sand (and/or take any other means necessary) on any concrete or other finished surfaces to assist you in the clean-up and removal of mortar and other masonry debris and to ensure that adjacent finished surfaces are not left damaged by the work of this Bid Package.
5. Take care to maintain a clear air space cavity and to keep weeps clear of mortar. Clean out excess mortar as masonry is being erected, and do not allow mortar to accumulate at the bottom of the cavity.
6. Provide all layout and surveys required to complete the Masonry work and be responsible for the accuracy of all lines, elevations and measurements executed under this contract. Establish column lines and elevations from the lines and benchmark provided by others. Verify all figures and dimensions for this work shown on the drawings or indicated in the approved shop drawings before laying out the work. Permanently mark all floors immediately after slab placement with wall locations, both sides, and all door openings within the walls prior to erection of walls to allow layout and rough-in by other trades. Markings shall be confined to areas that will be covered by the wall construction. Markings are not to extend into areas where the floor finish is sealed or exposed concrete. Verify all field conditions and dimensions. Report any perceived inconsistency or error in drawings, layout or previously installed work to the Construction Manager for verification.
7. Coordinate with other Trade Contractors for the installation (and/or testing) of their work.
8. Three (3) sections (maximum 12' wide) of your work may be left out on each floor as directed by the Construction Manager to provide access for other Trade Contractors. This Trade Contractor is responsible for completion of this work (upon direction of Construction Manager) in such a way that it matches the original work surrounding the area and is done at no additional cost.
9. Provide all shoring, bracing, staging, scaffolding and hoisting required to complete your work.
10. All work in place must be covered with heavy waterproof sheeting at the end of each day's work.
11. Make all efforts to minimize dust and airborne debris on this project. This includes placing tarps on sand piles, etc.
12. Coordinate deliveries, onsite storage, silo, mixer locations and lay down area with the Construction Manager.
13. Provide and maintain staging and scaffolding including safety rails, toe boards, planking and outriggers required to complete your work. This includes daily inspection and tagging. Allow others to use the scaffolding free of charge to complete their work. This includes, but is not limited to, the Drywall Trade Contractor and all follow-on trade contractors. The Trade Contractors will be required to fully execute the 04A Trade Contractor's Hold-Harmless Agreement before the use of the scaffolding. Do not remove

the exterior perimeter scaffolding until all work is complete, including the work of others using the scaffolding. Interior scaffolding may be removed at the completion of the masonry work should the follow-on trades not be prepared to immediately utilize the scaffolding. All modifications to the scaffolding must be performed by this Trade Contractor. Trades using the scaffolding will compensate this Trade Contractor for any modifications they may require.

14. The Masonry Trade Contractor shall provide and maintain all heating and enclosure requirements pertinent to the schedule, environmental conditions, specifications, and scope of work so as not to adversely affect the progress of the Work. Masonry work shall progress into the winter months in accordance with the schedule. The Masonry Trade Contractor is required to provide all means, methods and labor required to continuously execute the work including, but not limited to, heating equipment and fuel, tarps, scaffold enclosures, heated water, standby watchmen, ice and snow removal, insulating blankets and all other measures associated with winter conditions, etc.
15. All temporary enclosures provided by this Trade Contractor shall be made weather tight with fire retardant reinforced poly tarps or other fire retardant materials as appropriate.
16. Only remove spray fireproofing as required for the installation of this work. The Trade Contractor shall broom clean floors of removed fireproofing daily. If the spray fireproofing is damaged, or if excess amounts are removed, the offending trade contractor shall be responsible for all costs of repair. "Excess amounts" is defined as exposed steel.
17. Install any access doors furnished by other Trade Contractors which are within this work. (Provide support as per specifications at top of masonry opening in accordance with requirements outlined in the structural drawings.) Access doors will be furnished by others.
18. Install all sleeves provided by others for penetrations in masonry assemblies. Patch all holes as necessary for a complete fireproof assembly at all masonry walls.
19. Provide, maintain and guarantee all masonry opening dimensions shown on the documents and/or given to this Trade Contractor prior to the start of masonry in a given area.
20. Provide all fire stopping and fire safing assemblies for this bid package as specified in sections 078413 and 078446 and as shown and / or indicated on the drawings. Firestopping within sleeves is by the trade whose work passes through the sleeve. Penetrations made after the work of this bid package is in place will be firestopped by the trade contractor making the penetration.
21. Where masonry intersects with structural steel or joists, provide all costs to infill and complete wall to the underside of deck. Provide all firesafing systems between the tops of masonry partitions and underside of slabs. Provide all fire rated joints including backer rod and sealants.
22. Where the CMU will be exposed with just a paint finish, the mason shall patch defects in the surface of the CMU prior to the application of the paint.
23. Provide all brick anchors. Dovetail slots may be furnished to the 03A Concrete Trade Contractor, complete with detailed location drawings, for casting into place. Furnish

receivers to the 05A Structural Steel Trade Contractor in a timely manner to allow for shop welding. Cost for any field applied receivers, either due to the desire of this Trade Contractor, or due to lack of timely supply of product and location information from this Trade Contractor, shall be borne by this Trade Contractor.

24. Provide all ties, anchors, etc at sheathing locations.
25. Hollow metal frames set in masonry walls will be furnished and installed by others. Do not remove the spreaders installed by others at the bottom and mid-point of the frames.
26. Coordinate with the Electrician for conduits installed within block walls including those being installed for security and/or electric hardware (which may not be shown on contract drawings).
27. Provide grout at elevator entrance frames set by others. Also include grout at new hollow metal door frames installed in existing masonry.
28. Provide drilled holes in CMU walls as requested by the Construction Manager to verify grout installation, and patch these holes.
29. Provide caulking and backer at masonry to masonry openings and at other items provided and or set or installed by this Trade Contractor. This includes, but is not limited to, all expansion joints and relieving angles and lintels as indicated on the Contract Documents. Provide caulking between masonry and hollow metal door frames, borrowed light frames, louvers, overhead doors or other items adjacent to or set in masonry. Also provide caulking at hollow metal door frames and louvers installed by others in concrete walls. Perimeter caulking around exterior windows and curtainwall is by others. All work shall be in accordance with Specification Section 079200 Joint Sealers. Include all acoustical sealant and acoustical insulation within and above CMU partitions to achieve the required UL and STC ratings. Seal all gaps in masonry walls to penetration sleeves with either acoustical sealant or fire caulk as specified and/or required to achieve required UL and STC ratings.
30. Install all loose lintels, furnished by the 05B Contractor, required for support of masonry in accordance with the contract documents. Loose lintels are defined as steel members not permanently attached to structural steel.
31. Provide all masonry and precast lintels. Provide and remove all false work required to complete this work.
32. Provide all reinforcing for masonry walls as required and/or shown and/or specified. This work includes, but is not limited to, bond beams, vertical reinforcing in CMU cells, horizontal reinforcing between, courses, seismic reinforcement, grouting, etc.
33. The Structural Steel Trade Contractor shall provide all clip angles, continuous angles (including those spanning from beam (or joist) to beam (or joist), bent plate, and C channel required to attach and brace masonry walls. This includes all work shown typically for wall bracing at top of masonry walls on drawing S0.05 and similar details in other locations in the drawings. The Structural Steel Trade Contractor will work off the Masonry Trade Contractor's scaffold on a coordinated basis; however, the scaffold will not need to be left in place for an extended period of time. If the Structural Steel Trade Contractor does not proceed upon timely notification that the work is available the

- scaffolding may be removed. Include providing all expansion anchors between and steel supports and masonry assemblies.
34. The 05A Structural Steel Trade Contractor shall furnish and temporarily install the bolted bent plates/relief angles as typically shown in Detail 6/S5.03. The 04A Trade Contractor shall final adjust and set all steel. The 05A Trade Contractor shall provide the final torque of the relieving angle TC bolts and shall weld said angle in place. The 04A Trade Contractor shall coordinate with 05A Trade Contractor and shall schedule the work with the 05A Trade Contractor such that efficiency is maximized for the 05A Trade Contractor.
  35. Provide horizontal reinforcing in grout filled bond beam at walls. Coordinate reinforcing bar locations with the Concrete Trade Contractor. Provide all in-wall reinforcing. See drawing S0.05 and all other pertinent plans and specifications for further details,
  36. Provide your own dumpster service for this work. The general debris dumpster provided by the Construction Manager may not be utilized for disposal of masonry debris. Dumpsters shall be covered with tarp daily for storm water compliance and weather elements. Include required bridging under tarps. Note the disposal and reporting requirements in specification section 01 74 19 Construction Waste Management and Disposal and include all costs accordingly. Include a weekly clean up around the site including wind-blown materials to the perimeter of the site, zero accumulation of construction debris will be tolerated.
  37. Tooth out masonry walls at all elevator door openings, overhead door openings and where ever required to support the schedule. The Masonry Trade Contractor will return to the area to finish the wall(s) as coordinated with the Construction Manager and other Trade Contractors.
  38. Provide all through wall metal flashing and any miscellaneous rubber sheet flashing at lintels etc. and any areas that fall within the exterior wall construction. This includes all flashings, mastics, and sealants as required in the plans and specifications and as recommended by the manufacturer. Any flashings required as part of aluminum storefront, windows or curtainwall is by others. Coordinate with the 08A Glass & Glazing Trade Contractor accordingly and provide tie-in assistance as needed.
  39. All expansion joint assemblies as specified in Specification Section 079500 Expansion Control within the work of this bid package and between the work of this bid package and the work of others are by BP09A Drywall & Related Work. Coordinate as necessary for both interior and exterior expansion joint assemblies.
  40. Provide compressible filler, mineral wool batts, and/or firestopping assemblies located within masonry assemblies and at locations where masonry abuts other construction materials such as steel, sheetrock (gyp. board), sheathing, window systems, slab on deck, etc. All work firestopping work shall be in accordance with specification section 078446 Fire Resistive Joint Systems. The Construction Manager shall have the right to choose any one of the firestopping materials specified in Specification Section 078446. The Project shall utilize one (1) brand for all firestop work. The actual brand chosen shall be based upon a consensus of agreement between the successful bidders.
  41. Provide all rigid insulation located exterior of any block or sheathing or any other substrate in accordance with Specification Sections 042000 and 072100. Provide all

membrane and or liquid (Air and Vapor Barrier) waterproofing on all exterior assemblies, and the work of others. This includes all waterproofing required for the Metal Wall Panels and all other exterior cladding, regardless of substrate to which it is applied. The intent is for the 04A Trade Contractor to be responsible for all rigid insulation and vapor barrier membrane required for the building envelope.

42. Coordinate scupper opening locations with the Roofing Trade Contractor.
43. This Trade Contractor is responsible for his own field engineering. This Trade Contractor must verify all existing field conditions and dimensions as they relate to the new construction. The Construction Manager must be notified in writing of any discrepancies prior to commencing work.
44. Provide, drill and epoxy all dowels required. Dowels welded to structural steel are by others.
45. Provide all slate sills per detail 4/A4.04 and 6/A4.22 and all similar. Also provide slate cap at the seatwall shown in detail 7/A4.10A.
46. Provide all site brick masonry work. This includes items, but is not limited to, items such as the message sign detailed in 6/A3.06 and the seatwall as detailed in 7/A4.10A.
47. Provide all control joints within masonry assemblies or between masonry and adjacent construction. Replace all existing control joints per the note on drawing A3.05.
48. Replace existing sealants and backer rods within masonry assemblies or between masonry and adjacent construction as indicated in the documents.
49. Provide all restoration and re-pointing work as shown and/or specified. See the 10 Series drawings with Room Finish Schedule as well as other drawings for the full extent of the work.
50. Remove face, install reinforcing as specified and/or shown, and restore face as indicated in the drawings. See 3/S3.04 and other similar locations and include.
51. Furnish all welded couplers required for your work to the BP05A Trade Contractor to weld to the steel in the shop during steel fabrication. Include approved layout drawings. Failure to provide the couplers to the 05A Trade Contractor in time for shop attachment will result in the 04A Trade Contractors performing the welding work in the field at no additional cost to the Project. See details 1, 2, and 4/S4.02 for typical locations. Provide all dowels for couplers.
52. Include patching of all demolition work in masonry. Assume edges to be demo-saw cut and include all toothing as necessary. See details 7, 8, 9/S6.03 and all other similar details and include all work accordingly. Rebuild masonry at locations where frames are scheduled to be replaced.
53. Provide infill and patching as necessary at all locations where work is indicated to be removed from masonry assemblies and not replaced. Review all drawings including the Phasing and Demolition drawings.

54. Provide the temporary cover for the temporary covered walk shown on PH3A and all other similar locations.

2. Description of Work Excluded

1. Wood wall caps
2. Cast in place concrete work
3. Setting of hollow metal door frames
4. Furnishing loose lintels

## **M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:

Gilbane Project Manual  
All Division 01 – General Requirements  
042000 Unit Masonry  
071113 Bituminous Damproofing  
072713 Modified Bituminous Sheet Air Barriers

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

## **N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.



**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 05A – Structural Steel**

**PRE-BID CONFERENCE:**   **October 11, 2011**  
**TIME:**                           **3:00 PM**

**PROPOSAL DUE DATE:**   **November 1, 2011**  
**TIME:**                           **2:00 PM**

**LOCATION:**   **HC Wilcox Technical School**  
                  **298 Oregon Road**  
                  **Meriden, CT 06451**

**LOCATION:**   **Gilbane Building Company**  
                  **208 New London Turnpike**  
                  **Glastonbury, CT 06033**

**DEADLINE FOR SUBMISSION OF QUESTIONS:**   **October 25, 2011**

**To:**   Gilbane Building Company  
          208 New London Turnpike  
          Glastonbury, CT 06033  
          Attention: Patrick J. Delany, District Chief Purchasing Agent

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ the undersigned

**A.**   Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Structural Steel Work** herein described as Bid Package **No. 05A** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.**   All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of \_\_\_\_\_ Dollars (\$) \_\_\_\_\_).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

**C.**   Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to

execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

**D. The above price includes all stipulations and requirements of the following Supplements:**

- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... July 10, 2012
- 4. Bid Package Substantial Completion:..... May 29, 2014
- 5. Project Substantial Completion..... November 5, 2012

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

- 1. The Bidder will endeavor to obtain a minimum goal of twenty percent (20%) of the awarded amount to small business enterprises, with five percent (5%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.

2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.

3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

**UNIT PRICES:**

- 1. Deck Opening Framing – 6” to 10” wide (see detail on S0.07)..... \$ \_\_\_\_\_ /EA
- 2. Deck Opening Framing – 10” to 2’-0” wide (see detail on S0.07)..... \$ \_\_\_\_\_ /EA
- 3. Deck Opening Framing – Less than 3’-0” wide (see detail on S0.07)..... \$ \_\_\_\_\_ /EA
- 4. Typical Steel Roof Deck Closure Plate (see detail on S0.07)..... \$ \_\_\_\_\_ /SF
- 5. 18 Ga. Galvanized Metal Roof Deck..... \$ \_\_\_\_\_ /SF
- 6. 20 Ga. Galvanized Metal Floor Deck..... \$ \_\_\_\_\_ /SF
- 7. Typical detail at web opening S0.06 (24” x 8”) – shop installed..... \$ \_\_\_\_\_ /EA
- 8. Typical detail at web opening S0.06 (24” x 8”) – field installed..... \$ \_\_\_\_\_ /EA
- 9. Typical detail at web opening S0.06 (up to 8: dia) – shop installed..... \$ \_\_\_\_\_ /EA
- 10. Typical detail at web opening S0.06 (up to 8: dia) – field installed..... \$ \_\_\_\_\_ /EA
- 11. Primary Crane (Make & Model \_\_\_\_\_)..... \$ \_\_\_\_\_ /Day
- 12. Primary Crane..... \$ \_\_\_\_\_ /Week
- 13. Primary Crane..... \$ \_\_\_\_\_ /Month

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

- 300 man-hours of premium time labor (premium portion only) to accelerate work in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to maintain the schedule and that this allowance will not be used for that purpose.

Journeyman.....	\$ _____/Hr X 270 =	\$ _____
Foreman .....	\$ _____/Hr X 30 =	\$ _____
Total.....		\$ _____

- Remove and replace 1,000 SF of 1 ½” deep, 18 ga. galvanized metal roof deck. Include disposal of removed materials.

1 ½” deep 18 Ga. Galvanized Metal Roof Deck..\$ \_\_\_\_\_/SF X 1,000 = \$ \_\_\_\_\_

3. Ten (10) additional 10" to 2'-0" frames following the initial installation of structural steel and metal decking.  
 10" to 2'-0" frames .....\$ \_\_\_\_\_/EA X 10 = \$ \_\_\_\_\_
4. Eighty (80) journeyman ironworker man-hours for structural steel modifications at the roof level at the direction of the Construction Manager.  
 Journeyman.....\$ \_\_\_\_\_/Hr X 80 = \$ \_\_\_\_\_

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. **COST BREAKDOWN**

- Total Material .....\$ \_\_\_\_\_
- Total Labor Cost .....\$ \_\_\_\_\_
- Total Subcontractor/Equipment Cost.....\$ \_\_\_\_\_
- Total Applicable Sales and Use Taxes.....\$ \_\_\_\_\_
- Allowances.....\$ \_\_\_\_\_
- Total Bond Cost .....\$ \_\_\_\_\_
- Total Bid .....\$ \_\_\_\_\_
- Total Estimated On-Site Manhours ..... \_\_\_\_\_

2. **QUANTITY BREAKDOWN** (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Safety	L.S.	\$ _____
Beams	_____ TN	\$ _____
Columns	_____ TN	\$ _____
Joists	_____ TN	\$ _____
All other steel	_____ TN	\$ _____
Floor Decking	_____ SF	\$ _____
Roof Decking	_____ SF	\$ _____
Allowances	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____



## **L. SCOPE OF WORK**

### **1. Description of Work Included**

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

### **GENERAL**

1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.
2. Retainage of 7.5% is intended to be withheld until Substantial Completion however "partial payments may be made if agreed to by the DCS and Gilbane."
3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor's responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.

5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.

18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.
24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.

28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.
35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect's response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor's SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.

39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor's responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor's project manager and field supervisor.
41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license costs is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.
44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).

46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Provide all materials, labor, equipment and services required to complete all Structural Steel work, including, but not limited to site and building steel, joist and decking work in accordance with the Contract Documents. This includes, but not limited to, structural steel, beams, columns, girders, bracing, joists, railings, metal decking, equipment dunnage, brick shelves and masonry clips.
2. Provide all work as specified in the following Specification Sections and as shown on the drawings (all drawings). The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:  
051200 STRUCTURAL STEEL  
052100 STEEL JOISTS  
053000 METAL DECKING  
In addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.
4. Provide and maintain an OSHA and Project Safety Plan approved safety cabling system for use by other trades at the elevated floors, roofs, stairs and interior openings. Provide turnbuckles to allow for maintaining cable tension per OSHA requirements. Also provide additional turnbuckles at three locations per floor between columns and to allow access for material loading on floors by other trades. In general cable should be inboard of column flanges and welded nuts are to be used as guys. At openings and roof provide stanchions and anchoring that will allow perimeter work by others to be installed with the cabling system remaining in place. Relocate any stanchions that interfere with the work of other trades at this trade contractor's expense. Coordinate work with Construction Manager and other Trade Contractors accordingly.
5. Provide all steel work shown on the "S" drawings unless excluded below. The BP05A steel work includes, but is not limited to, all structural steel and metal deck, masonry wall bracing, anchors, clips, plates, angles, whether attached to steel or metal deck or not. Also included is all steel shown embed in the work of others, such as concrete. See details 9 & 10S/3.02, 12/S3.03, B/S3.04, 4 & 5/S3.05 and other similar details and include all work accordingly.
6. Provide hoisting and scaffolding as required for the work of this bid package.
7. Adequately and safely secure work at the conclusion of each day.
8. Furnish all anchor bolts, nuts, leveling plates, washers and templates with layout drawings to Concrete Trade Contractor for installation.

9. Verify the anchor bolt locations and leveling plate elevations. Provide an “as-built” survey of all anchor bolts and leveling plates to the Construction Manager a minimum of two (2) weeks prior to the start of erection. The survey must be performed by a State of Connecticut licensed Land Surveyor. Include the cost to make separate trips to perform this survey work by area.
9. Furnish all items required for this scope of work which are embedded in the work of other trades. Coordinate these deliveries and installation with the appropriate trades and Construction Manager.
10. Provide field touch ups of shop coatings and galvanizing as required.
11. Provide all window support angles, relieving angles, shelf angles and top of partition wall support angles that are indicated to be attached to the structural steel. Review architectural drawings and include all items accordingly regardless of whether or not the items are indicated on the structural drawings.
12. Provide continuous metal pour stops at slab perimeters and all openings whether indicated on Contract Documents or not as required for a continuous stop. Provide all metal deck, edge angles and closure pieces, cant strips, bent plates, pour stops at all columns and discontinuous edges, at all changes in elevation and openings. Support all bent plate closure pieces and edge metal by means of miscellaneous support steel as required to support metal and wet concrete loads to be placed thereon, as needed whether shown or not. All closure pieces, bent plates and angles shall be tight cut to eliminate the dripping of wet concrete onto surfaces below and during placement. Deck flute fillers may be used to close off areas under deck, providing this option effectively closes off flow of wet concrete.
13. Level/adjust pour stops to allow slab-on-deck concrete to be placed within finish floor and floor level tolerances required.
14. Field weld any masonry ties to structural steel that are not installed during fabrication.
15. Coordinate deliveries, onsite storage and lay down area with the Construction Manager Refer to Site Utilization Plan.
16. Protect any S.O.G. placed before steel erection to prevent damage. Use dunnage as required.
17. Include cleaning of all decks when your work complete. This shall include the removal of all ceramic ferrules associated with Nelson Stud Welding.
18. Zinc prime weld touch-up to be provided, including spot welds at roof deck.
19. Come back and align the hung lintels/relieving angles and complete welding during the erection of the masonry veneer. Access will be allowed on the Mason’s perimeter staging provided that the mason’s hold harmless agreement is accepted and executed by this Trade Contractor and/or the erector. Relieving angles showing a bolted connection shall be slotted to allow adjustment by the Masonry Trade Contractor. Subsequent to the adjustment this Trade Contractor shall weld the item in place.



20. Survey and plumb the steel in accordance with specified tolerances. Provide an AISC plumbness and tolerances as-built survey for all steel erected.
21. Provide the design of all connections not already designed on the contract drawings. Design shall be performed by a Professional Engineer licensed by the State of Connecticut.
22. Provide shear wall clips and shear studs.
23. Provide mats and cribbing under cranes and equipment to stabilize the soil as necessary to set-up, operate, and/or move equipment for the erection of all structural steel work.
24. Provide a Site-specific Erection Plan prior to the start of erection in accordance with Subpart R of the 1926.750-761 OSHA Regulations.
25. Provide all required modifications to the structural steel to comply with Subpart R of the 1926.750-761 OSHA Regulations whether shown on the documents or not at no additional charge.
26. Provide openings in steel and metal deck to accommodate mechanical, electrical, plumbing and fire protection penetrations. Provide reinforcement of steel where necessary. Provide closure plate at metal deck where necessary. Openings in metal deck by this Trade Contractor shall be limited to framed openings. Protect all openings made by this Trade Contractor. Openings for ductwork, curbs, hatches, etc. are to be decked over until such time that the curbs, hatches, etc. are ready to be set.
27. Include metal deck removal and replacement where needed on the existing buildings to allow installation of new structural steel member.
28. Include the removal and disposal of existing metal deck and structural steel where noted and/or shown on the drawings. Provide shoring as needed and remove when new work is complete. Also provide cable rail fall protection barriers at all created openings. See S1.09, the new skylight opening shown on the north end of the drawing, S1.12, new opening along the drawing match line, and all other similar instances. Also include all opening for new equipment. Coordinate removal with other trades. Do not cut until new equipment is ready to set in place. Provide and maintain perimeter protection of openings from when cut until permanent equipment is in place.
29. Remove excessive mill scale before, during, and/or after erection is complete. Reference specification section 078446 Sprayed Fire resistive Materials and the manufacturer requirements contained or referenced therein for definitions of excessive mill scale. Excessive scale is defined as more than the amount that is compatible with sprayed-on fire resistive materials. Any scraping of mill scale by the Spray-fireproofing Trade Contractor will be back-charged to this Trade Contractor.
30. Provide beam penetrations for mechanical and fire protection system piping as shown on MEP drawings. Coordinate locations with mechanical trades.
31. Remove only as much spray-on fireproofing as required to make attachment to the structural steel. Patching of spray-on fireproofing due to excessive removals shall be performed by others at this trade contractor's expense. Excessive removal is defined as exposed structural steel beyond the immediate connection area. Clean up removed spray-

on fireproofing daily.

32. Provide power for all welding machines.
33. Provide all supplemental framing for roof and floor deck per details on Drawing S0.07. Structural drawings may not show all penetrations. Review and include frames for all penetrations shown on Architectural or MEP drawings. No additional compensation will be provided to install roof frames for penetrations shown on other drawings.
34. Provide closure plates for all existing roof openings that are scheduled to be abandoned. See drawings for locations.
35. Provide all dunnage support framing for equipment to be mounted on roof. Coordinate with MEP drawings for locations and quantities. Provide steel even if only shown on MEP drawings and if sizes are not provided assume sizes based on similar framing elsewhere.
36. Provide all supplemental steel for curtainwall framing. Include posts, bases, tubes, channels and cast in place assemblies. Furnish cast in place assemblies to the concrete contractor for embedment. See Details 3/S3.02 and 9, 10, 11/S3.02 for typical conditions. Furnish steel for all such conditions, including rebar welded steel, see Architectural drawings for more details and locations.
37. Provide all clips, angles, lintels, plates, other steel members, etc that are welded/bolted or otherwise connected to new steel and/or masonry.
38. Provide all clips, angles, lintels, plates, other steel members, etc that are required for a complete roof deck installation. Include also connections that are bolted to steel or masonry. See Details on drawing S6.03 for typical connections.
39. Provide steel window supports per detail 14 & 15/S6.03 and other similar conditions.
40. Include the galvanized columns for the perforated metal screen assembly. The screen assembly and all related aluminum components are by BP05B.

2. Description of Work Excluded

The following specific item(s) of work contained in the above referenced documents are EXCLUDED from the work of this Bid Package (Contract):

1. Light Gauge Metal Framing
2. Cold Formed Metal Framing
3. Composite metal panels
4. Loose lintels
5. Cement board
6. Grout
7. Stair assembly shown on S4.07
8. Slab demolition
9. 6/S4.02
10. Aluminum frames, girts, closures, etc. as necessary for the perforated screen panels

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:

Gilbane Project Manual  
All Division 01 – General Requirements  
051200 STRUCTURAL STEEL  
052100 STEEL JOISTS  
053000 METAL DECKING

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

**N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 05B MISCELLANEOUS METALS**

**PRE-BID CONFERENCE:**   **October 11, 2011**  
**TIME:**                       **3:00 PM**

**PROPOSAL DUE DATE:**   **November 1, 2011**  
**TIME:**                       **2:00 PM**

**LOCATION:**   **HC Wilcox Technical School**  
              **298 Oregon Road**  
              **Meriden, CT 06451**

**LOCATION:**   **Gilbane Building Company**  
              **208 New London Turnpike**  
              **Glastonbury, CT 06033**

**DEADLINE FOR SUBMISSION OF QUESTIONS:**   **October 25, 2011**

**To:**   Gilbane Building Company  
      208 New London Turnpike  
      Glastonbury, CT 06033  
      Attention: Patrick J. Delany, District Chief Purchasing Agent

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ the undersigned

**A.**   Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Miscellaneous Metal** work herein described as Bid Package **No. 05B** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.**   All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of

\_\_\_\_\_ Dollars (\$) \_\_\_\_\_).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

**C.**   Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the

undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

**D. The above price includes all stipulations and requirements of the following Supplements:**

- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

1. Anticipated Date of Contract Award: ..... January 19, 2012
2. Commence Shop Drawings and Submittals..... January 19, 2012
3. Commence Work for the Proposal:..... March 19, 2013
4. Bid Package Substantial Completion:..... August 30, 2014
5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

1. The Bidder will endeavor to obtain a minimum goal of twenty-five percent (25%) of the awarded amount to small business enterprises, with ten percent (10%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.



2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.
3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.  
  
This proposal includes \_\_\_\_\_% certified SBE participation.  
  
This proposal includes \_\_\_\_\_% certified MBE participation.
4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

UNIT PRICES:

1. Lintels ..... \$ \_\_\_\_\_ /LB
2. Galvanized Lintels ..... \$ \_\_\_\_\_ /LB

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

1. 200 man-hours of premium time labor (premium portion only) to accelerate work in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to maintain the schedule and that this allowance will not be used for that purpose.

Journeyman.....	\$ _____/Hr X 180 =	\$ _____
Foreman .....	\$ _____/Hr X 20 =	\$ _____
Total .....		\$ _____

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. COST BREAKDOWN

Total Material .....	\$ _____
Total Labor Cost .....	\$ _____
Total Subcontractor/Equipment Cost.....	\$ _____
Total Applicable Sales and Use Taxes.....	\$ _____
Allowances.....	\$ _____
Total Bond Cost .....	\$ _____

Total Bid .....\$ \_\_\_\_\_  
 Total Estimated On-Site Manhours ..... \_\_\_\_\_

2. **QUANTITY BREAKDOWN** (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Safety	L.S	\$ _____
Metal Stairs	_____ Risers	\$ _____
Handrails	_____ LF	\$ _____
Ladders	_____ LF	\$ _____
Loose lintels	_____ LBS	\$ _____
Grates	_____ SF	\$ _____
Decorative Formed Metal	L.S	\$ _____
Wire Mesh Partitions	L.S.	\$ _____
Allowances	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____

**L. SCOPE OF WORK**

1. Description of Work Included

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

**GENERAL**

- 1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND

THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.

2. Retainage of 7.5% is intended to be withheld until Substantial Completion however “partial payments may be made if agreed to by the DCS and Gilbane.”
3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor’s responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.

11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.

23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.
24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.
28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price

34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager’s Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.
35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect’s response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor’s SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.
39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor’s responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor’s project manager and field supervisor.
41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license costs is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the



community computer is not available due to use by other trade contractors during the work day.

43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.
44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Provide labor, materials, equipment, services and supervision required to complete all miscellaneous metal work in accordance with the Contract Documents. This includes, but not limited to railings, brick shelves, ladders (including ladders to roof hatches and elevator pits), ornamental metal fabrications, decorative formed metal, overhead coiling doors, overhead coiling grilles, wire mesh partitions, masonry clips, loose lintels, sill angles and metal stair systems inclusive of all landings and railings.
2. Provide all work as specified in the following Specification Sections and as shown on the drawings (all drawings). The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:  
055000 METAL FABRICATIONS  
055110 METAL STAIRS AND HANDRAILS

057500	DECORATIVE FORMED METAL
083323	OVERHEAD COILING DOORS
083326	OVERHEAD COILING GRILLES
102213	WIRE MESH PARTITIONS
107500	FLAGPOLE

In addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.

3. All steel with dimension shown on the structural drawings, regardless of where it is specified, is by BP05A. Include all other steel shown in all other drawings.
4. Whether or not specifically detailed in the drawings, provide the steel framing and supports for the following components; ceiling-hung or braced toilet partitions, operable partitions, overhead doors and grilles, countertops, mechanical and electrical equipment, shelf angles, sill angles, metal cover plates for joints, floor pits and access openings, metal supports for roof screens, supports and accessories for metal wall panels.
3. Provide hoisting and scaffolding as required for the work of this bid package.
4. Adequately and safely secure work at the conclusion of each day.
3. Furnish all items required for this scope of work which are embedded in the work of other trades. Coordinate these deliveries and installation with the appropriate trades and Construction Manager.
4. Provide field touch ups of shop coatings and galvanizing as required.
5. Furnish sleeves, at this Trade Contractor's option, for handrails that are embedded for installation by the Concrete and/or Sitework Trade Contractor. Coordinate with the installing Trade Contractor the placement of sleeves. This Trade Contractor is responsible for all coring if sleeves are not provided.
6. Furnish only all steel lintels, loose lintels and/or shelf angles required at all masonry openings and where attached to masonry construction including, but not limited to, all windows, doors, louvers, and HVAC duct work openings. Provide all lintels for masonry openings whether or not shown on Structural Drawings. Review all contract documents to locate all masonry openings. Coordinate deliveries with the Masonry and Concrete Trade Contractors and the Construction Manager. Provide all window support angles, relieving angles, shelf angles and top of partition wall support angles that are not to be attached to the structural steel. Review architectural drawings and include all items accordingly regardless of whether or not the items are indicated on the structural drawings.
7. Provide all interior and exterior metal handrail and guardrail systems.
8. Provide steel support for ceiling hung or ceiling braced toilet partitions as required coordinate with toilet partition contractor.
9. Coordinate deliveries, onsite storage and lay down area with the Construction Manager Refer to Site Utilization Plan.
10. Provide all clips, angles, lintels, plates, other steel members, etc that are welded/bolted or

otherwise connected to existing steel.

11. Remove only as much spray-on fireproofing as required to make attachment to the structural steel. Patching of spray-on fireproofing due to excessive removals shall be performed by others at this trade contractor's expense. Excessive removal is defined as exposed structural steel beyond the immediate connection area. Clean up removed spray-on fireproofing daily.
12. Provide all cast in place angle assemblies for floor openings, pits, frames, sills etc. not shown/dimensioned on the Structural drawings. Review all drawings for locations and inclusion.
13. Provide all clips, angles, lintels, plates, other steel members not specifically called out on the structural drawings. This trade contractor must review all contract drawings particularly the Architectural and MEP drawings to determine the extent of this requirement.
14. Provide all steel bollards specified in section 055000. Note these are capped bollards without concrete fill. Bollards specified in section 323119, concrete filled, are by BP31A.
15. Provide all site railings. Review drawings and include new work accordingly. See 13/L1.21 for typical detail.
16. Provide all ramp rails. See 6 & 8/A6.03 for typical locations and provide all work accordingly.
17. Provide the non-slip abrasive nosing along with the stair assemblies. Cast in place concrete is by others. See detail 6/A6.04 and other similar details.
18. Provide the new 16 gauge bent plate infill as noted in 6A/A6.04.
19. Provide steel base at wood floors in shop areas; see drawings A10.01, A10.02 and A10.03.
20. Provide the box and loose lintel shown in detail 6/S4.02.
21. Include all aluminum frames, girts, closures, etc. as well as the perforated metal panels. Include the letters cut into the panels. The galvanized steel support columns are by others.
22. Provide the galvanized rebar ladder rungs shown in 15/A6.04.

2. Description of Work Excluded

The following specific item(s) of work contained in the above referenced documents are EXCLUDED from the work of this Bid Package (Contract):

1. Structural Steel
2. Composite metal panels
3. Light Gauge Metal Framing
4. Cold Formed Metal Framing
5. Overhead door steel
6. The "steel angle as needed" in details 2 & 3/A5.07, those steel angles are by BP08A

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:

Gilbane Project Manual  
All Division 01 – General Requirements  
055000 METAL FABRICATIONS  
055110 METAL STAIRS AND HANDRAILS  
057500 DECORATIVE FORMED METAL  
083323 OVERHEAD COILING DOORS  
083326 OVERHEAD COILING GRILLES  
102213 WIRE MESH PARTITIONS  
107500 FLAGPOLE

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

**N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 06A - Millwork**

**PRE-BID CONFERENCE:**   **October 11, 2011**  
**TIME:**                           **3:00 PM**

**PROPOSAL DUE DATE:**   **November 1, 2011**  
**TIME:**                           **2:00 PM**

**LOCATION:**   **HC Wilcox Technical School**  
                  **298 Oregon Road**  
                  **Meriden, CT 06451**

**LOCATION:**   **Gilbane Building Company**  
                  **208 New London Turnpike**  
                  **Glastonbury, CT 06033**

**DEADLINE FOR SUBMISSION OF QUESTIONS:**   **October 25, 2011**

**To:**   Gilbane Building Company  
          208 New London Turnpike  
          Glastonbury, CT 06033  
          Attention: Patrick J. Delany, District Chief Purchasing Agent

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ the undersigned

**A.**   Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Millwork** work herein described as Bid Package **No. 06A** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.**   All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of \_\_\_\_\_ Dollars (\$) \_\_\_\_\_).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

**C.**   Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to

execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

**D. The above price includes all stipulations and requirements of the following Supplements:**

- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... November 15, 2012
- 4. Bid Package Substantial Completion:..... July 8, 2014
- 5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR: __
_____	_____ EMR: __
_____	_____ EMR: __
_____	_____ EMR: __

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

- 1. The Bidder will endeavor to obtain a minimum goal of twenty-five percent (25%) of the awarded amount to small business enterprises, with twenty-five percent (25%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.



2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.
3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

**UNIT PRICES:**

1. Plastic Laminate Countertop (Detail 4/A9.10) ..... \$ \_\_\_\_\_ /LF
2. Solid Surface Countertop (Detail 27/A7.01)..... \$ \_\_\_\_\_ /LF
3. Plastic laminate window sill (Detail 3/A4.22)..... \$ \_\_\_\_\_ /LF
4. 2" field drilled plastic trimmed grommets (064023/2.3.L)..... \$ \_\_\_\_\_ /EA

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

1. 100 man-hours of premium time portion only of the labor rate to accelerate work in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to maintain the schedule and that this allowance will not be used for that purpose.

Journeyman.....	\$ _____/Hr X 90 =	\$ _____
Foreman .....	\$ _____/Hr X 10 =	\$ _____
Total.....		\$ _____

2. 100 Man Hours to provide interim clean-up in addition to the base scope requirements at the direction of the Construction Manager.

Journeyman.....	\$ _____/Hr X 90 =	\$ _____
Foreman .....	\$ _____/Hr X 10 =	\$ _____
Total.....		\$ _____

3. Fifty (50) 2" field drilled plastic trimmed grommets (per 064023/2.3.L) to be located by the end users at the direction of the Construction Manager in addition to those shown on the contract drawings.

2" field drilled plastic trimmed grommets .....	\$ _____/EA X 50 =	\$ _____
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**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. **COST BREAKDOWN**

Total Material ..... \$ \_\_\_\_\_  
 Total Labor Cost ..... \$ \_\_\_\_\_  
 Total Subcontractor/Equipment Cost..... \$ \_\_\_\_\_  
 Total Applicable Sales and Use Taxes..... \$ \_\_\_\_\_  
 Allowances..... \$ \_\_\_\_\_  
 Total Bond Cost ..... \$ \_\_\_\_\_  
 Total Bid ..... \$ \_\_\_\_\_  
 Total Estimated On-Site Manhours ..... \_\_\_\_\_

2. **QUANTITY BREAKDOWN** (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Safety	LS	\$ _____
Classroom Base Cabinets	_____ LF	\$ _____
Classroom Upper Cabinets	_____ LF	\$ _____
Classroom Full Height Casework	_____ LF	\$ _____
Plastic Laminate Countertops	_____ SF	\$ _____
Bathroom countertops	_____ SF	\$ _____
Display cases	LS	\$ _____
Window Sills	_____ LF	\$ _____
Allowances	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____

**L. SCOPE OF WORK**

1. **Description of Work Included**

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.

- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

### **GENERAL**

1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.
2. Retainage of 7.5% is intended to be withheld until Substantial Completion however "partial payments may be made if agreed to by the DCS and Gilbane."
3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor's responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.

8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.

22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.
24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.
28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit

- requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
  33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
  34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.
  35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect's response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
  36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
  37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor's SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
  38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.
  39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
  40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor's responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor's project manager and field supervisor.

41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license costs is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.
44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.



**SPECIFIC ITEMS:**

1. Provide all labor, materials, equipment and services required to complete all millwork, finish carpentry, interior architectural woodwork, display cases, solid surface counter and casework in accordance with the Contract Documents.
2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:  
064023 Interior Architectural Woodwork  
101200 Display Cases  
In addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.
3. Field measure all millwork items prior to shop fabrication.
4. Provide all sealants and caulking required within the work of this bid package, and between this work and the work of other Trade Contractors. Caulking and sealants shall be in accordance with Section 079200 Joint Sealers.
5. Provide all blocking and framing within your work and exterior of drywall or CMU assemblies as specified in section 061000 Rough Carpentry and as required for the adequate construction and fastening and support of your work. In-wall blocking will be provided by the Drywall Trade Contractor contingent on timely receipt of approved millwork shop drawings showing the precise locations of required blocking. All blocking within drywall partitions shall be fire treated wood, except where wood blocking will not fit due to other in-wall items. At such locations only, blocking shall be bent stock metal.
6. Provide field cutouts and grommets required for all MEP items installed in or through casework and millwork.
7. Provide wood caps on guardrails similar to 14/A6.04. Review drawings for all locations.
8. Provide all hardwood trim including, but not limited to, trim shown at display cases, accordion partitions, and acoustic panels.
9. Provide all trim scribes, fillers, shims, fasteners, brackets and standards necessary to provide complete installation.
10. Provide all wood paneling and veneer plywood, including related trim and reveals, shown on documents including but not limited to the Main Entry and Multipurpose Room as well as any veneer plywood ceilings. Include full height trim around the partition striker shown in B/A8.10.
11. Provide all glazing within your work. This includes, but is not limited to, the display case doors and shelves, and wardrobe mirrors.
12. Provide all work for the display cases including internal tackboards and lighting. Coordinate locations. Final wiring connection to be by the Electrical Trade Contractor.
13. All casework/millwork is to be back sealed and shop finished. Touchup in the field or refinish if necessary. All paint grade materials are to be provided with prime coat.

14. Protect installed work with heavy duty cardboard. Remove protection and clean surfaces at substantial completion.
15. Provide all finish hardware as required for your work.
16. Provide all shelving and hanger rods contained within your work.
17. Shop drawings shall be fabrication drawings that show the full extent of how each item is to be fabricated and installed in every detail.
18. Coordinate deliveries, onsite storage and lay down area with the Construction Manager.
19. At various intervals in the construction process, this Trade Contractor shall verify that the substructure to which the millwork is attached is within the tolerances of the specifications and advise the Construction Manager of any deviations, immediately. Failure to inform the Construction Manager, or discovering the problem after the millwork is fabricated will be the responsibility of this Trade Contractor to correct at no additional cost to the Owner.
20. Verify and document humidity levels in the building are acceptable to install millwork.
21. Provide all hoisting, rigging, staging necessary to execute the scope of this bid package work.
22. Joint sealant shall be used exclusively as a filler of hairline seams at abutments of dissimilar materials. Sealant will not be permitted to be installed in lieu of properly joining and scribing this installation
23. Remove and dispose of all packaging, bracing, protective coatings/ blankets, spacers, etc.
24. Work with any scratches, marks, dents, or other deformations will not be accepted. Onsite repair procedures must be pre-approved by the architect. Items with unacceptable repair or deformations shall be removed and replaced. Unacceptable work shall not be removed until receipt of an acceptable replacement.
25. Provide all plastic laminate and solid surface countertops as well as wood edging on plastic laminate shelves. See detail 5/A9.01 and other similar details.
26. Provide wood recessed light cove assemblies, inclusive of the metal "Z" bracing, as shown in detail 16/A2.11, 3/A9.02, and all similar details and conditions.
27. Provide head at counter shutters per detail 12/A9.01 and any similar condition.
28. Coordinate cut outs for electrical receptacles within millwork, for example 7/A9.01.
29. Coordinate location of sinks with plumbing contractor. The 06A Trade Contractor shall cut out sink locations according to templates provided by the 22A Contractor.
30. Provide plastic laminate sills. Paint reveals black as indicated on drawings.

31. Provide all plastic laminated shelves and associated standards, brackets, and other hardware. See detail 12/A9.02 and other similar details.
32. Salvage and carefully remove existing built in casework in room A113 and A115 where exterior wall demolition work is required and at other locations as noted on PH3A and other drawings. Store in appropriate conditions and provide reinstallation as designated. Provide any restoration and/or rework of stored items as needed for a proper reinstallation.

2. Description of Work Excluded

1. Science room casework and epoxy resin countertop
2. Sinks and plumbing fixtures
3. Slate sills (by 04A)
4. Wood steps and stage apron in the Multipurpose Room shown in details 4/A9.04 and 5/A9.04
5. Final electrical connections

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:

Gilbane Project Manual  
All Division 01 – General Requirements  
064023 Interior Architectural Woodwork  
079200 Joint Sealants  
101200 Display Cases

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

**N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 07A - Roofing**

**NOTE THAT THIS BID PACKAGE HAS BEEN SET ASIDE FOR SMALL BUSINESS ENTERPRISE (SBE)  
BIDS ONLY. BIDS BY NON-SBE CONTRACTORS WILL BE REJECTED.**

**PRE-BID CONFERENCE:**    **October 11, 2011**  
**TIME:**                            **3:00 PM**

**PROPOSAL DUE DATE:**    **November 1, 2011**  
**TIME:**                            **2:00 PM**

**LOCATION:**    **HC Wilcox Technical School**  
                  **298 Oregon Road**  
                  **Meriden, CT 06451**

**LOCATION:**    **Gilbane Building Company**  
                  **208 New London Turnpike**  
                  **Glastonbury, CT 06033**

**DEADLINE FOR SUBMISSION OF QUESTIONS:**    **October 25, 2011**

**To:**    Gilbane Building Company  
          208 New London Turnpike  
          Glastonbury, CT 06033  
          Attention: Patrick J. Delany, District Chief Purchasing Agent

**FIRM NAME:**

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ the undersigned

**A.**    Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Roofing Work** herein described as Bid Package **No. 07A** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.**    All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of

\_\_\_\_\_ Dollars (\$) \_\_\_\_\_).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

C. Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

D. The above price includes all stipulations and requirements of the following Supplements:

- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... August 7, 2012
- 4. Bid Package Substantial Completion:..... June 18, 2014
- 5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR: _____
_____	_____ EMR: _____
_____	_____ EMR: _____
_____	_____ EMR: _____

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

1. The Bidder will endeavor to obtain a minimum goal of twenty-five percent (25%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.
2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.
3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. **IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.**

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

UNIT PRICES:

1.	30" x 30" Walkway pads .....	\$ _____	/EA
2.	Pipe penetration flashing (14/A1.17) .....	\$ _____	/EA
3.	Wood blocking.....	\$ _____	/BF
4.	EPDM Roofing (new) .....	\$ _____	/SQ
5.	EPDM Roofing (replacement) .....	\$ _____	/SF
6.	½" cement board screwed to metal deck.....	\$ _____	/SF
7.	Spruce fir 2" X 6" X 8' .....	\$ _____	/EA
8.	4X8 Sheet of ¾" exterior grade plywood .....	\$ _____	/EA
9.	20' x 100' roll 6 mil flame retardant reinforced polyethylene type sheeting.....	\$ _____	/EA
10.	1" X 6" X 12' #2 pine or similar.....	\$ _____	/EA
11.	Slab boot for vertical post .....	\$ _____	/EA

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.



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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

1. 200 man-hours of premium time labor to accelerate work in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to maintain the schedule and that this allowance will not be used for that purpose.

Journeyman Roofer.....	\$ _____/Hr X 180 =	\$ _____
Foreman Roofer .....	\$ _____/Hr X 20 =	\$ _____
Total.....		\$ _____

2. 100 Man Hours to provide interim clean-up in addition to the base scope requirements at the direction of the Construction Manager.
 

Journeyman Roofer.....	\$ _____/Hr X 90 =	\$ _____
Foreman Roofer .....	\$ _____/Hr X 10 =	\$ _____
Total .....		\$ _____
  
3. 1,000 SF of EPDM roofing replacement.
 

EPDM roofing replacement .....	\$ _____/SF X 1,000 =	\$ _____
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4. 90 man-hours of roofer journeyman time and 10 man-hours of roofer foreman time to provide temporary protection measures in addition to the base scope requirements Include all necessary fasteners, 100-Spruce fir 2" X 6" X 8', 25- 4X8 sheets of 3/4" exterior grade plywood, 4 rolls 20' x 100' roll 6 mil flame retardant reinforced polyethylene type sheeting at the direction of the Construction Manager.
 

Journeyman Roofer.....	\$ _____/Hr X 90 =	\$ _____
Foreman Roofer .....	\$ _____/Hr X 10 =	\$ _____
Spruce fir 2" X 6".....	\$ _____/EA X 100 =	\$ _____
4X8 sheets of 3/4" exterior grade plywood .....	\$ _____/EA X 25 =	\$ _____
20' x 100' roll 6 mil flame retardant reinforced polyethylene type sheeting.....	\$ _____/EA X 4 =	\$ _____
Total .....		\$ _____
  
5. 100 Man hours to provide safety railings (100 – 2X6X8, 25 slab boots for vertical posts, 25- 1X6X12 Toe Board material, 20 sheets of 3/4 " plywood) in addition the base scope requirements at the direction of the Construction Manager.
 

Journeyman Roofer.....	\$ _____/Hr X 90 =	\$ _____
Foreman Roofer .....	\$ _____/Hr X 10 =	\$ _____
Spruce fir 2" X 6".....	\$ _____/EA X 100 =	\$ _____
Slab boot for vertical post.....	\$ _____/EA X 25 =	\$ _____
1" X 6" X 12' # 2 pine or equivalent.....	\$ _____/EA X 25 =	\$ _____
4X8 sheets of 3/4" exterior grade plywood .....	\$ _____/EA X 20 =	\$ _____
Total .....		\$ _____
  
6. Include (50) additional 4" roof penetrations per 14/A1.17. This allowance is in addition to all roofing penetrations shown on all M/E/P, structural and architectural documents.
 

Additional 4" roof penetrations per 14/A1.17 .....	\$ _____/EA X 50 =	\$ _____
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7. 100 Man hours for roof repairs.
 

Journeyman Roofer.....	\$ _____/Hr X 90 =	\$ _____
Foreman Roofer .....	\$ _____/Hr X 10 =	\$ _____
Total .....		\$ _____

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. COST BREAKDOWN

Total Material .....\$ \_\_\_\_\_  
 Total Labor Cost .....\$ \_\_\_\_\_  
 Total Subcontractor/Equipment Cost.....\$ \_\_\_\_\_  
 Total Applicable Sales and Use Taxes.....\$ \_\_\_\_\_  
 Allowances.....\$ \_\_\_\_\_  
 Total Bond Cost .....\$ \_\_\_\_\_  
 Total Bid .....\$ \_\_\_\_\_  
 Total Estimated On-Site Manhours ..... \_\_\_\_\_

2. QUANTITY BREAKDOWN (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Safety	L.S	\$ _____
Roof Demolition	_____ SF	\$ _____
EPDM	_____ SF	\$ _____
Tapered Insulation	_____ BF	\$ _____
Cement Board	_____ SF	\$ _____
Blocking / Framing	_____ BF	\$ _____
Sheetmetal	L.S	\$ _____
Expansion Joints	_____ LF	\$ _____
Allowances	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____

**L. SCOPE OF WORK**

1. Description of Work Included

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope

of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

### GENERAL

1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.
2. Retainage of 7.5% is intended to be withheld until Substantial Completion however "partial payments may be made if agreed to by the DCS and Gilbane."
3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor's responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.

9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and

approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.

23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.
24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.
28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the

- assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
  33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
  34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.
  35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect's response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
  36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
  37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor's SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
  38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.
  39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
  40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor's responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor's project manager and field supervisor.

41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license costs is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage..
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.
44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.



**SPECIFIC ITEMS:**

1. Provide all labor, materials, equipment and services required to complete all roofing and related work. The work includes, but is not limited to, all roofing, blocking, sheetmetal flashing, metal soffits and trim, roof specialties, scuppers, roof expansion joint assemblies, roof accessories, roof demolition and abatement, and roof hatches in accordance with the Contract Documents.
2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:

070150	Preparation for Reroofing
075323	Ethylene-Propylene-Diene-Monomer (EPDM) Roofing
075323a	FM Global Roofing Application
076200	Sheetmetal Flashing and Trim
077200	Roof Accessories
078413	Penetration Firestopping

In addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.
3. Clean all roof decks prior to the installation of this work.
4. Unless otherwise noted herein, all roofing work above the metal roof deck is by the 07A Trade Contractor. This includes, but is not limited to, roof membrane, cover board, cement board, fasteners and adhesives, insulation, vapor barrier, blocking, metal roof edge, fascia, and expansion joint assemblies.
5. Include comeback operations as needed to complete all work. The work at different roof areas will be commenced and completed at different times. Trim and terminations must be complete in order for the roof system to be considered complete in any one area.
6. Provide all sealants in accordance with Spec Section 079200 Joint Sealants which are within the roofing system or between the roofing system and adjacent work by other trades.
7. Provide all warranties as specified. Note that the start date for all warranties will be the date of substantial completion of each phase of the project. The Trade Contractor shall include in the base bid any additional cost for extended warranties.
8. Provide all metal dam, filler, pourable sealer, flashing, sealant, mastic, and clamps at all roof penetrations. The 07A Trade Contractor is responsible for the water tightness of all roof penetrations. Coordinate location and quantity of roof penetrations with all drawings including other trades' shop drawings. Penetration locations will be marked out and made by others.
9. Provide all wood blocking above the metal roof deck as specified in Spec Section 061000 Rough Carpentry and as shown on the drawings. Vertical sheathing and metal stud framing is by BP 09A. Coordinate with BP09A Drywall & Related Work for framing heights that are dependent upon tapered insulation thickness.
10. Provide all roof access hatches. Roof access ladders are by others.

11. Provide all roof components required to satisfy all applicable FM requirements and/or manufacturer's requirements, whether shown/specified or not.
12. Provide all hoisting required to complete this scope of work.
13. The 07A Trade Contractor shall integrate the roofing system into the roof drain assemblies provided by others.
14. Include costs to maintain work schedule as necessary to comply with weather and temperature requirements. The 07A Trade Contractor is responsible for snow and ice removal as necessary to allow for roofing work to proceed. This includes protecting roofing materials from the elements and heating materials and surfaces as required for the proper installation of materials.
15. Remove and replace safety rail assemblies installed by others as required to complete your work. Provide supplemental safety assemblies as required. Permanently remove and bring to grade the roof safety railing/cabbling system when requested by the Construction Manager. At all existing roofs, provide a Garlock type stanchion system along the entire perimeter of all fall hazards and allow the stanchions to remain until all work is complete. Include comeback costs required to patch in all stanchion locations once removed.
16. Provide all necessary protection equipment/materials required to protect and maintain the integrity of materials installed under this trade package during construction as well as cost for removal when requested by the Construction Manager.
17. Verify prior to covering adjacent work that all fire sealed and smoke sealed penetrations are intact.
18. The Mason's exterior perimeter scaffolding may be used, free of charge, to complete your work. The scaffolding will not provide access above the last course of brick. To utilize this scaffolding, this Trade Contractor must sign the Mason's release and hold harmless statement. Coordinate and compensate the Mason to supplement his scaffolding as required to complete your work. Should this Trade Contractor refuse to sign the Mason's release and hold harmless statement or agree to compensate the Mason as described above, this Trade Contractor must provide its own means of access and bear all related costs, including negative impacts to the schedule.
19. Provide all sheet metal flashing components (Spec section 076200). Install all sheet metal flashing and counterflashing within roofing work. Flashings within and/or between the work of other Trades, but specified in Spec Section 076200, shall be installed by others. Install counterflashing at skylights.
20. Provide all parapet cap flashing such as in details 8 & 9/A4.10A and all other similar instances.
21. Provide all roof expansion joint assemblies, including associated insulation and back-up barriers. The 07A Trade Contractor has sole responsibility for a complete, weather tight transition from any and all roof expansion joints to any and all other expansion joints. Coordinate as necessary with the applicable Trade Contractor.
22. Cut in all reglets required for this work. Coordinate with other Trades as necessary.

23. Provide all blocking and flashing required at HVAC equipment curbs that are necessary for a properly flashed installation whether or not specifically shown on the drawings. Curbs are furnished and installed by others. See detail 11/M702 and provide all cement board required.
24. Before cutting any roof openings, the 07A Trade Contractor shall verify that there are no obstructions located beneath the roof sections to be cut open such as existing utilities, roof support beams or joists, electrical conduit runs or any other conflicts. This Trade Contractor will try to avoid all such conflicts by relocating the opening when possible with the consent of the Trade Contractor who marked the location of the opening. If the opening cannot be relocated to avoid obstructions, the 07A Trade Contractor shall immediately notify Gilbane about the obstruction for Gilbane to resolve.
25. Provide all attic stock as specified. Attic stock must be delivered to a location to be determined by the Owner (within the project limits) and must be accompanied by a detailed transmittal. The Construction Manager must be made aware of all attic stock deliveries prior to the delivery being made and must be given the opportunity to inspect and sign-off on the inventory. Attic stock which is left onsite without being properly transmitted and inspected will not be accepted.
26. Provide all splash blocks.
27. Cut, peel back, temporarily protect and patch all roof areas required to tie-in the new construction.
28. Where indicated on the drawings and in accordance with specification section 070510 – Preparation for Reroofing, remove existing roof assemblies down to deck material. Inspect and deck for damage and compliance with insulation and roofing manufacturer's requirements. Photo-document all areas. Notify the Construction Manager immediately of any unsatisfactory conditions. Install new roofing assembly and/or protect building from water and inclement weather. This Trade Contractor is solely responsible for the watertight integrity of the roof and/or temporary protection provided by this Trade Contractor. Any and all costs for damage resulting from the failure of the Work provided by this Trade Contractor shall be borne solely by this Trade Contractor.
29. Coordinate equipment replacements, curb replacements, roof drain re-work, and other work by other trades as required for the roof replacement.
30. Provide dumpsters, removal from site, and legally dispose of all roof demolition materials generated by this work. Do not use the general debris dumpster for any roof demolition material.
31. Included lead coated copper flat seam roof shown in detail 2/A4.22 and other similar details.
32. Carefully review all asbestos and PCB abatement drawings. Note that certain existing roof components have been identified as ACM and must be abated by this bid package in accordance applicable project requirements, specifications section 02 82 13, local, state, and federal laws and regulations. Include transportation and disposal of ACM roof components in accordance with specification section 02 81 00.

33. Include all blocking and metal copings on Message Center Sign. See 3/S3.08 and other similar detail and include all work accordingly.

2. Description of Work Excluded

1. Furnishing and installation of Mechanical roof curbs
2. Roof hatch ladder
3. Skylights and associated wood blocking
4. Aluminum composite soffit panels

## **M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:

Gilbane Project Manual  
All Division 01 – General Requirements  
070150 Preparation for Reroofing  
075323 Ethylene-Propylene-Diene-Monomer (EPDM) Roofing  
075323a FM Global Roofing Application  
076200 Sheetmetal Flashing and Trim  
077200 Roof Accessories

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

## **N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 07B SPRAY FIREPROOFING – SBE Set-Aside**

**NOTE THAT THIS BID PACKAGE HAS BEEN SET ASIDE FOR SMALL BUSINESS ENTERPRISE (SBE)  
BIDS ONLY. BIDS BY NON-SBE CONTRACTORS WILL BE REJECTED.**

**PRE-BID CONFERENCE:   October 11, 2011  
TIME:                           3:00 PM**

**PROPOSAL DUE DATE:   November 1, 2011  
TIME:                           2:00 PM**

**LOCATION: HC Wilcox Technical School  
          298 Oregon Road  
          Meriden, CT 06451**

**LOCATION: Gilbane Building Company  
          208 New London Turnpike  
          Glastonbury, CT 06033**

**DEADLINE FOR SUBMISSION OF QUESTIONS: October 25, 2011**

**To:   Gilbane Building Company  
      208 New London Turnpike  
      Glastonbury, CT 06033  
      Attention: Patrick J. Delany, District Chief Purchasing Agent**

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ the undersigned

**A.**   Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Spray Fireproofing** Work herein described as Bid Package **No. 07B** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.**   All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of \_\_\_\_\_

\_\_\_\_\_ Dollars (\$) \_\_\_\_\_ ).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

C. Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

D. The above price includes all stipulations and requirements of the following Supplements:

- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

E. **MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... August 7, 2012
- 4. Bid Package Substantial Completion:..... March 4, 2014
- 5. Project Substantial Completion..... November 5, 2014

F. **TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___



**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

1. The Bidder will endeavor to obtain a minimum goal of twenty-five percent (25%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.
2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.
3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. **IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.**

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

**UNIT PRICES:**

- |    |   |          |      |
|----|---|----------|------|
| 1. | Concealed Spray-on Fireproofing .....                         | \$ _____ | /BF  |
| 2. | Topcoat Sealer .....  | \$ _____ | /GAL |
| 3. | Furnish Material Only, Concealed Spray-on Fireproofing .....  | \$ _____ | /Bag |
| 4. | Furnish Material Only, Spray Insulation per 2.5, 072100 ..... | \$ _____ | /Bag |
| 5. | Additional Pump Set-up, Mobilization/Demobilization .....     | \$ _____ | /EA  |
| 6. | Hand Patch Crew with materials and lift/ladder .....          | \$ _____ | /Day |
| 7. | 2 man crew (applicator and tender) with patch pump.....       | \$ _____ | /Day |

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

1. 100 man-hours of premium time portion of the labor rate to accelerate work in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to maintain the schedule and that this allowance will not be used for that purpose.

Journeyman.....	\$ _____/Hr X 90 =	\$ _____
Foreman .....	\$ _____/Hr X 10 =	\$ _____
Total.....		\$ _____

2. 12 days of patch pump and crew time, inclusive of all mobilization and demobilization costs, and 150 bags of Concealed Spray-on Fireproofing material for patching work as directed by the Construction Manager. This is in addition to the requirements in the base bid.

Concealed Spray-on Fireproofing .....\$ \_\_\_\_\_/Bag X 150 = \$ \_\_\_\_\_  
 2 man crew (applicator and tender) with patch  
 pump .....\$ \_\_\_\_\_/Day X 12 = \$ \_\_\_\_\_  
 Total.....\$ \_\_\_\_\_

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. **COST BREAKDOWN**

Total Material .....\$ \_\_\_\_\_  
 Total Labor Cost .....\$ \_\_\_\_\_  
 Total Subcontractor/Equipment Cost.....\$ \_\_\_\_\_  
 Total Applicable Sales and Use Taxes.....\$ \_\_\_\_\_  
 Allowances.....\$ \_\_\_\_\_  
 Total Bond Cost .....\$ \_\_\_\_\_  
 Total Bid .....\$ \_\_\_\_\_  
 Total Estimated On-Site Manhours..... \_\_\_\_\_

2. **QUANTITY BREAKDOWN** (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Safety	L.S.	\$ _____
Spray Fireproofing	_____ SF	\$ _____
Spray Insulation	_____ SF	\$ _____
Allowances	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____

**L. SCOPE OF WORK**

1. **Description of Work Included**

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.

- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

### **GENERAL**

1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.
2. Retainage of 7.5% is intended to be withheld until Substantial Completion however "partial payments may be made if agreed to by the DCS and Gilbane."
3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor's responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The

school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.

8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.

20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.
24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.
28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.

30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.
35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect's response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor's SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.
39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor,

Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.

40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor's responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor's project manager and field supervisor.
41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license costs is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.
44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting,



complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Furnish all labor, material, equipment and services required to complete all spray-on fireproofing work.
2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:  
078100 Spray Fire-Resistive Materials  
In addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.
3. Provide all spray applied insulation as specified in section 072100, paragraph 2.5 and as shown in the drawings. Coordinate and sequence work accordingly.
4. Protecting work after it is installed. Repair all work damaged by weather. (Allowance monies will not be used for this condition.)
5. Provide any supplemental water supply, connections, hoses, etc. beyond the water supply shown on the drawings which is required for this work.
6. Protect adjacent surfaces from overspray and immediately clean up such overspray and fallout on the slabs. Remove all visible film from the slabs resulting from this work.
7. Refer to the General Conditions for temporary lighting to be provided by others. Provide any additional temporary lighting and power required to complete this work.
8. Advise the Construction Manager of any unacceptable substrate conditions prior to the start of your work. The condition of the substrate shall be deemed acceptable once installation of your work commences. This trade contractor shall be responsible for the bond between the substrate and the fireproofing material.
9. During the submittal phase, describe the sequence of application. This will define the number of machine set-ups and hose requirements.
10. Remobilize as required to fireproof the seismic clip angles along the tops of CMU partitions. This will be a comeback operation.
11. Include lath where required by UL and/or the manufacturer.
12. The MEP trades will be allowed to install clips prior to the spray operation but no hangers.
13. For those columns scheduled to be fireproofed, include fireproofing from the lowest elevation of the member.

14. Provide required loading and engineering for lifts that are to be utilized at slab on decks. A submittal package detailing the proposed equipment, loads, and engineering letter with PE stamp shall be provided at time of your material submissions.
15. Where steel members are to be fireproofed against a deck that is not to receive fireproofing, contain and limit the overspray to the minimum limits of the UL requirements.
16. Clean, prime, and prepare substrate as required by the manufacturer to apply the spray-on fireproofing.
17. Temporary heat will be provided by the Construction Manager. Tarps will be installed enclosing the outside of the building. Provide any additional fire retardant tarps to sectionalize an area to be sprayed to contain the heat.
18. Testing the density and thickness of the spray fireproofing will be done by others. Provide any support for the testing agency. The cost to retest any failed section shall be borne by this trade contractor.
19. Safety rails and opening protection will be installed by others. It will be this trade contractors responsibility to replace, as required, any in-place safety protection device that is removed while executing the scope of this proposal.
20. Assume that slab-on-deck on the second floor will be poured prior to your mobilization. Assume that the first floor slab-on grade will not be placed at the time of mobilization. Any equipment that produces fumes will have to be exhausted to outside by this trade contractor.
21. Spray Fireproofing for beams above ceiling of the existing electronics and manufacturing shops will be performed during Phase 1 and completed prior to the completion of the addition in Area B.
22. Carefully review all drawings for the extent of the work. Note that the reflected ceiling plans in the A2.X drawings identify areas of spray applied fireproofing. Include all work shown on all drawings and as specified.
23. Review perimeter edge conditions to ensure the sprayer can reach the outer limits. If the work cannot be performed in a safe manner include the cost for necessary access equipment.

2. Description of Work Excluded

1. Abatement of existing spray fireproofing

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:

Gilbane Project Manual  
All Division 01 – General Requirements  
078100 Spray Fire-Resistive Materials

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

**N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

O. The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation

**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_

**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 08A – Glass & Glazing**

**PRE-BID CONFERENCE:** October 11, 2011  
**TIME:** 3:00 PM

**PROPOSAL DUE DATE:** November 1, 2011  
**TIME:** 2:00 PM

**LOCATION:** HC Wilcox Technical School  
298 Oregon Road  
Meriden, CT 06451

**LOCATION:** Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033

**DEADLINE FOR SUBMISSION OF QUESTIONS:** October 25, 2011

**To:** Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033  
Attention: Patrick J. Delany, District Chief Purchasing Agent

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ the undersigned

**A.** Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Glass & Glazing Work** herein described as Bid Package No. 08A as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.** All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of \_\_\_\_\_ Dollars (\$) \_\_\_\_\_).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

**C.** Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to

execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

**D. The above price includes all stipulations and requirements of the following Supplements:**

- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

1. Anticipated Date of Contract Award: ..... January 19, 2012
2. Commence Shop Drawings and Submittals..... January 19, 2012
3. Commence Work for the Proposal:..... August 31, 2012
4. Bid Package Substantial Completion:..... July 24, 2014
5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

1. The Bidder will endeavor to obtain a minimum goal of twenty-five percent (25%) of the awarded amount to small business enterprises, with twenty-five percent (25%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.

2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.
3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

**UNIT PRICES:**

1.	Composite wall panels .....	\$ _____	/SF
2.	Exterior joint sealant .....	\$ _____	/LF
3.	Window Type W26.....	\$ _____	/EA
4.	Window Type W28.....	\$ _____	/EA
5.	Spruce fir 2" X 6" X 8' .....	\$ _____	/EA
6.	4X8 Sheet of 3/4" exterior grade plywood .....	\$ _____	/EA
7.	20' x 100' roll 6 mil flame retardant reinforced polyethylene type sheeting.....	\$ _____	/EA
8.	1" X 6" X 12' #2 pine or similar.....	\$ _____	/EA
9.	Slab boot for vertical post.....	\$ _____	/EA
10.	Boom lift rental .....	\$ _____	/DAY

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

1. 200 man-hours of premium time labor to accelerate work in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to maintain the schedule and that this allowance will not be used for that purpose.

Journeyman .....	\$ _____/Hr X 180 =	\$ _____
Foreman .....	\$ _____/Hr X 20 =	\$ _____
Total .....		\$ _____

2. 100 Man Hours to provide interim clean-up in addition to the base scope requirements at the direction of the Construction Manager.

Journeyman .....	\$ _____/Hr X 90 =	\$ _____
Foreman .....	\$ _____/Hr X 10 =	\$ _____
Total .....		\$ _____

3. 90 man-hours of journeyman time and 10 man-hours of foreman time to provide temporary protection measures in addition to the base scope requirements Include all necessary fasteners, 100- Spruce fir 2" X

6" X 8', 25- 4X8 sheets of 3/4" exterior grade plywood, 4 rolls 20' x 100' roll 6 mil flame retardant reinforced polyethylene type sheeting at the direction of the Construction Manager.

Journeyman.....	\$ _____/Hr X 90 =	\$ _____
Foreman .....	\$ _____/Hr X 10 =	\$ _____
Spruce fir 2" X 6.....	\$ _____/EA X 100 =	\$ _____
4X8 sheets of 3/4" exterior grade plywood .....	\$ _____/EA X 25 =	\$ _____
20' x 100' roll 6 mil flame retardant reinforced polyethylene type sheeting.....	\$ _____/EA X 4 =	\$ _____
Total.....		\$ _____

4. 100 Man hours to provide safety railings (100 – 2X6X8, 25 slab boots for vertical posts, 25- 1X6X12 Toe Board material, 20 sheets of 3/4 " plywood) in addition the base scope requirements at the direction of the Construction Manager.

Journeyman.....	\$ _____/Hr X 90 =	\$ _____
Foreman .....	\$ _____/Hr X 10 =	\$ _____
Spruce fir 2" X 6" .....	\$ _____/EA X 100 =	\$ _____
Slab boot for vertical post.....	\$ _____/EA X 25 =	\$ _____
1" X 6" X 12' # 2 pine or equivalent.....	\$ _____/EA X 25 =	\$ _____
4X8 sheets of 3/4" exterior grade plywood .....	\$ _____/EA X 20 =	\$ _____
Total.....		\$ _____

5. 120 Manhours and a boom lift for 7 days for testing above and beyond the base scope requirement.

Journeyman.....	\$ _____/Hr X 120 =	\$ _____
Boom lift.....	\$ _____/Day X 7 =	\$ _____
Total.....		\$ _____

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. **COST BREAKDOWN**

Total Material .....	\$ _____
Total Labor Cost .....	\$ _____
Total Subcontractor/Equipment Cost.....	\$ _____
Total Applicable Sales and Use Taxes.....	\$ _____
Allowances.....	\$ _____
Total Bond Cost .....	\$ _____
Total Bid .....	\$ _____
Total Estimated On-Site Manhours .....	_____

2. **QUANTITY BREAKDOWN** (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Safety	L.S.	\$ _____
Windows	_____ EA	\$ _____
Storefront	_____ SF	\$ _____
Curtainwall	_____ SF.	\$ _____
Hollow metal glass	_____ SF	\$ _____
Door Hardware and Operators	L.S.	\$ _____
Metal Panels	_____ SF	\$ _____
Daily Clean-up	L.S.	\$ _____
Allowances	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____

**L. SCOPE OF WORK**

1. Description of Work Included

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

**GENERAL**

- 1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction

- Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.
2. Retainage of 7.5% is intended to be withheld until Substantial Completion however “partial payments may be made if agreed to by the DCS and Gilbane.”
  3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
  4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor’s responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
  5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
  6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
  7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
  8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
  9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
  10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
  11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
  12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control

13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60

days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.

24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.
28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.

35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect’s response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor’s SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.
39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor’s responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor’s project manager and field supervisor.
41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license costs is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or

service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.

44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Provide all labor, materials, equipment and services required to complete all glass and glazing and metal panels and related work. The work includes, but is not limited to, glass and glazing, storefronts, curtainwalls, composite wall panels and soffits, skylights, sandwich panels, louvers and vents, and unframed mirrors in accordance with the Contract Documents.
2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:

074243	Composite Wall Panels
084113	Aluminum-Frames Entrances and Storefronts
084426	Structural Glass Curtain Walls
084523	Fiberglass-Sandwich-Panel Assemblies
085113	Aluminum Windows
086200	Unit Skylights
088000	Glazing
088300	Mirrors
089000	Louvers and Vents
089550	Translucent Linear Channel Glazing System



In addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.

3. Furnish and install door hardware for all aluminum doors. Hardware must be compatible with cylinders provided by BP08B. Complete and adjust all hardware to be installed including the cylinder and construction core. The final permanent core will be installed by others.
4. Coordinate with other trades for the installation and/or testing of their work. Coordinate with the 26A Electrical Contractor for wiring which is installed adjacent to and within work provided by this Trade Contractor.
5. Return to the project site one month subsequent to occupancy to adjust hardware as required to ensure proper operation. This is in addition to the initial adjustment at the time of installation and substantial completion of the project.
6. Provide glass and glazing for all doors, windows, sidelights, borrowed lites, vision lites in any door and/or transom regardless of construction.
7. Glazing stops will be furnished by others at wood doors and hollow metal Doors and Frames. Install all stops. Coordinate with the 09E Painting Trade Contractor to ensure proper sequencing of the work.
8. Design, furnish, and install all support/anchorage of Curtainwall, windows, storefronts and entrances to the structure. Include any wood blocking not specifically shown on contract drawings but required for a proper installation and any stiffeners necessary for anchoring the work. Blocking shall be in accordance with section 061000. Provide all shims and attachments required for a proper installation whether or not shown. Any miscellaneous structural steel and or lintels not identified on the structural drawings required to support the 08A work are by this Trade Contractor.
9. Provide your own field measuring and engineering. Verify all existing field conditions and dimensions as well as newly constructed conditions. The Construction Manager must be notified in writing of any discrepancies prior to commencing work.
10. Provide all sealants in accordance with Spec Section 079200 Joint Sealants which are within the BP08A work or between the BP08A work and adjacent work by other trades. Provide caulking at the perimeter of all window, curtainwall, storefronts, etc. to the adjacent material whether shown or not.
11. Rough openings are to be inspected by the 08A Trade Contractor when exterior masonry and framing work has commenced, and again at fifty percent (50%) completion to ensure proper dimensions and details as required to receive this work. In the event the Trade Contractor fails to comply with this requirement, he shall bear the costs of all corrective work and corresponding schedule impact.
12. Flag new work to avoid breakage but do not mark glass. Include removal prior to substantial completion of the project.
13. Protect aluminum entrances as recommended by the door manufacturer and as required to assure that aluminum doors will be without damage or deterioration at time of substantial completion of the project.

14. This Trade Contractor must leave three openings, as determined by the Construction Manager, on each floor of the building for pick holes and trash chutes. Include comebacks as required to close the openings. Temporary enclosure and protection is by others.
15. Final cleaning is by others. This Trade Contractor shall remove all stickers, adhesives, sealants and any other grime left as a result of the installation. Glazing and metal surfaces shall be installed clean.
16. This Trade Contractor shall maintain the integrity of the perimeter safety systems during the performance of his work until such time that it is no longer needed. At that time, this Trade Contractor shall remove the same and leave it stacked on the same floor. Any components of the perimeter safety system that are required to stay in place and were disconnected by this Trade Contractor shall be reconnected (by this Trade Contractor) as required to ensure continuous safety measures. At all times this Trade Contractor shall provide protection of the perimeter openings regardless of whether or not the perimeter safety system as described in the safety plan is in place or not.
17. Provide complete, all flashings and trims integral to the installation of work provided by this Trade Contractor and to adjacent construction assemblies such as Masonry and Roofing. Include flashings at base of curtainwall.
18. Provide shims to accommodate minor variances in line and plumb.
19. Grout thresholds installed at aluminum entrances.
20. Furnish concrete inserts, placement drawings and coordinate installation and/or box-outs with Concrete Trade Contractor to ensure proper installation of embedded items included, but not limited to, door pivots and handrails. This Trade Contractor shall be responsible for assurance of proper installation by the other Trade Contractors. This Trade Contractor shall be responsible for any cutting or patching of concrete that has been placed prior to the contract date or that was not properly coordinated with the Concrete Trade Contractor.
21. Coring, cutting and patching or grouting to complete the installation shall be the responsibility of this Trade Contractor.
22. Include all costs for testing and mock-ups including retesting and modifications as necessary to pass testing and obtain required approvals. It shall be the responsibility of this Trade Contractor to submit items in a timely fashion so as to maintain project schedules.
23. Coordinate deliveries, onsite storage and lay down area with the Construction Manager.
24. Only remove spray fireproofing as required for the installation of this work. The Trade Contractor shall broom clean floors of removed fireproofing daily. If the spray fireproofing is damaged, or if excess amounts are removed, the offending Trade Contractor shall be responsible for all costs of repair.
25. All window, door, storefront, and curtainwall openings shall be protected with temporary weather enclosures installed by others prior to the start of glass and glazing work at the

openings. This temporary weather protection may be either reinforced poly or drywall sheathing extended continuously across the opening. Do not damage or remove the protection unless prepared to install permanent work prior to the end of the work day. Maintain protection at all openings where the work of this Bid Package has commenced until such time that the work is complete. In the event exterior windows, storefront, and/or curtainwall are installed without the glass, provide all temporary in-fills as may be needed to provide weather protection and heat containment. Provide removal and disposal of the temporary protection when required to perform your work.

26. Provide temporary protection measures at all windows, curtain wall, and store front assemblies. Window protection shall be constructed of reinforced poly and fastened in a manner that prevents infiltration of water into the building until final assemblies are completed. Curtain Wall protection shall be framed 2X construction with reinforced poly in a manner that allows the Curtain Wall assembly to occur without removal of temporary protection. Store Front temporary protection shall be constructed of framed 2X material with operable, self-closing, and locking door leafs. Provide weekly maintenance of the temporary protection to ensure assemblies are tight and withstand elements from weather conditions. Remove assemblies following the installation of glazed assemblies.
27. Provide all flashings, trims, sills, closures, etc. above and below and around all windows, storefronts, and curtainwall. Provide all vapor barrier membrane in and around all openings for this work. Coordinate and tie into the fluid applied membrane provided by others on the building exterior. Confirm and photographically document all moisture barrier tie-ins at all locations.
28. Provide the Translucent Linear Channel Glazing System specified in section 089550 and as shown on the drawings. Include all flashings, trims, closures, etc. as required for a complete, warrantable system, whether or not shown and/or specified.
29. Provide all mirrors not specified in division 10. This includes, but is not limited to, unframed restroom mirrors (for example item #3 on A7.02) and Fitness Room mirrors (2/A8.10).
30. Provide thresholds at all doors provided as part of this Bid Package
31. Provide metal panel systems as specified in section 074243 and as shown in drawings. This includes all support systems exterior to the sheathing. Also include all composite soffit panels, composite fascias, composite wall panels, flashings, drip edges, trims, caulking, and other components whether shown and/or specified for a complete, manufacturer warrantable system. Include PE design of system. The fascia shown in 7/A4.22 is by BP07A Roofing. The soffit shown in 3/A4.22 and all other similar locations is by BP08A.
32. Provide aluminum sunshade caps/covers typically shown in Section 3/A4.22 and the bracket attachment. Coordinate with the Masonry Trade Contractor for installation timing.
33. All expansion joint assemblies as specified in Specification Section 079500 Expansion Control within the work of this bid package and between the work of this bid package and the work of others are by BP09A Drywall & Related Work. Coordinate as necessary for both interior and exterior expansion joint assemblies.

34. Provide all skylights, blocking and flashing. Counterflashing, metal studs, sheathing, and EPDM are by others.
35. Raise curbs and reinstall existing skylights to remain including, but not limited to, those shown on drawing A1.15.
36. Provide all warranties as specified. Note that the start date for all warranties will be the date of substantial completion for that phase of the project. The Trade Contractor shall include in the base bid any additional cost for extended warranties.
37. Provide all louvers as specified in section 089000 Louvers and Vents and as shown on the drawings. Include blank-off panels as required. See also detail 3/A4.04 and include entire assembly, including grill, aluminum tube frame, etc.
38. Include the composite metal panel shown in 13/A2.11 and in other similar details and locations. Also included all blocking as needed.
39. See detail 12/A4.21 and include the flashing shown between the concrete and steel channel. Also include the aluminum closure.
40. See details 2 & 3/A5.07, provide all “steel angle as needed”, this steel angle will not be provided by others.
41. See details 2 & 5/A4.07, the framing and suspension system is by BP09A, provide the aluminum composite panel work.
42. Review the Door Schedule and include all work at existing aluminum doors as may be noted in the schedule.
43. Provide all insulation within your work. Insulation shall be as specified in section 072100 – Thermal Insulation. Insulation at other locations is by others.
44. Include all fire resistive joint systems within your work and between your work and the work of others. Fire Resistive Joint Systems shall be in accordance with section 078446.

2. Description of Work Excluded

1. Framed mirrors
2. Mirrors in teacher wardrobe units
3. Glazing and glass shelves in display cases and cabinetry

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:  
Gilbane Project Manual  
All Division 01 – General Requirements  
074243 Composite Wall Panels  
084113 Aluminum-Frames Entrances and Storefronts

084426 Structural Glass Curtain Walls  
084523 Fiberglass-Sandwich-Panel Assemblies  
085113 Aluminum Windows  
086200 Unit Skylights  
088000 Glazing  
088300 Mirrors  
089000 Louvers and Vents  
089550 Translucent Linear Channel Glazing System

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

#### **N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 08B Doors, Frames & Hardware**

**PRE-BID CONFERENCE:** October 11, 2011  
**TIME:** 3:00 PM

**PROPOSAL DUE DATE:** November 1, 2011  
**TIME:** 2:00 PM

**LOCATION:** HC Wilcox Technical School  
298 Oregon Road  
Meriden, CT 06451

**LOCATION:** Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033

**DEADLINE FOR SUBMISSION OF QUESTIONS:** October 25, 2011

**To:** Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033  
Attention: Patrick J. Delany, District Chief Purchasing Agent

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ the undersigned

**A.** Proposes to furnish all labor, materials, equipment and services as required to satisfactorily supply all **Doors, Frames & Hardware** work herein described as Bid Package No. **08B** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.** All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of

\_\_\_\_\_ Dollars (\$) \_\_\_\_\_).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Supply Bond in the sum of one hundred percent of the Purchase Order price.

**C.** Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the



undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to execute the Purchase Order. Supply Bond and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Purchase Order. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

**D. The above price includes all stipulations and requirements of the following Supplements:**

- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Bid Package Substantial Completion:..... November 5, 2013
- 4. Project Substantial Completion..... November 5, 2013

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

- 1. The Bidder will endeavor to obtain small business enterprises and minority business enterprise subcontractors and/or suppliers certified by the **State of Connecticut**.
- 2. The successful Bidder shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.

3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete (delivered to the jobsite) prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

**UNIT PRICES:**

Wood Door Type WD-D1 Prior to Order .....	\$ _____	/EA
Wood Door Type WD-D1 After Order .....	\$ _____	/EA
Hollow Metal Door Type HM-D1 Prior to Order .....	\$ _____	/EA
Hollow Metal Door Type HM-D1 After Order .....	\$ _____	/EA
Hollow Metal Frame Type HM-F1 Prior to Order.....	\$ _____	/EA
Hollow Metal Frame Type HM-F1 After Order .....	\$ _____	/EA
Hardware Set # 25 Prior to Order .....	\$ _____	/EA
Hardware Set # 25 After Order .....	\$ _____	/EA
Hardware Set # 30 Prior to Order .....	\$ _____	/EA
Hardware Set # 30 After Order .....	\$ _____	/EA
Hardware Set # 40 Prior to Order .....	\$ _____	/EA
Hardware Set # 40 After Order .....	\$ _____	/EA

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Vendor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

- Eight (8) assemblies, each consisting of a 3/0 x 7/0 HM Fame, hollow metal door, and Hardware Set #25. Door and frame will have all needed prep work for Hardware Set #25.
 

HM-F1 .....	\$ _____/EA X 8 =	\$ _____
Hardware Set #25.....	\$ _____/EA X 8 =	\$ _____
Total .....		\$ _____

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. COST BREAKDOWN

- Total Material ..... \$ \_\_\_\_\_
- Total Labor Cost ..... \$ \_\_\_\_\_
- Total Subcontractor/Equipment Cost..... \$ \_\_\_\_\_
- Total Applicable Sales and Use Taxes..... \$ \_\_\_\_\_
- Allowances..... \$ \_\_\_\_\_
- Total Bond Cost ..... \$ \_\_\_\_\_
- Total Bid ..... \$ \_\_\_\_\_
- Total Estimated On-Site Manhours ..... \_\_\_\_\_

2. **QUANTITY BREAKDOWN** (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Safety	L.S	\$ _____
Wood Doors	_____ Leafs	\$ _____
HM Doors	_____ Leafs	\$ _____

Item	Quantity	Total Cost
HM Frames	_____ EA	\$ _____
Door Hardware	L.S.	\$ _____
Allowances	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____

**L. SCOPE OF WORK**

1. Description of Work Included

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

**GENERAL**

- 1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.
- 2. Retainage of 7.5% is intended to be withheld until Substantial Completion however "partial payments may be made if agreed to by the DCS and Gilbane."
- 3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.

4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor's responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
5. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
6. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
7. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
8. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
9. The schedule of values will contain line items for submittals, and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Vendor's performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
10. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
11. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
12. Each Trade Contractor and Vendor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's/Vendor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor/Vendor. It is the Trade Contractor's/Vendor's responsibility to perform subsequent delivery inspections to

ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.

13. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.
14. It is the vendor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
15. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
16. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor/vendor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.
17. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect's response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract/vendor will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor/vendor waives the right to seek additional time or cost.
18. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
19. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractor/vendor. These items shall be specifically itemized in the trade contractor's SOV to the Construction Manager. The trade contractor's/vendor's inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
20. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor's /vendor's responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor's project manager and field supervisor.

21. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license costs is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
22. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.
23. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
24. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors/vendors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
25. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor/vendor administrative personnel on the requirements of the project, the Trade Contractor/Vendor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Furnish and deliver F.O.B. to the jobsite, all steel doors and frames, wood doors and finish hardware. Check the Project Documents for material quantities, and verify proper coordination of the materials for each door assembly. In the event of a discrepancy between the plans and door / hardware schedule, this bidder shall provide the greater quantity and more costly item. Notify the Construction Manager immediately upon discovery of any such discrepancy.

2. Furnish F.O.B. jobsite all Doors, Frames and Hardware indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:
  - 081113 Hollow Metal Doors and Frames
  - 081416 Flush Wood Doors
  - 087100 Door HardwareIn addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.
3. All hollow metal frames, steel and wood doors shall be permanently marked with the door number location designation from the Contract Drawings. Apply markings in a non-visible location and consistent location on all doors. Markings are to be applied to the bottom edge of doors and hinge location on all frames.
4. Hardware set and door opening numbers shall be marked on each individual box and on delivery slips for all items furnished.
5. Provide hardware in original containers within individual hardware set boxes whenever possible. All hardware shall be prepared for proper door swing and handing.
6. Prepare all doors and frames including pre-drilling, pre-cutting, raceways and reinforcing as required to receive all hardware including any electrical and / or security equipment scheduled.
7. Provide a qualified member of your firm to visit the Project as required to: 1) Resolve any installation problems, including but not limited to defective material, improper hardware, preparation and missing material; 2) Meet with the Owner, Architect and Gilbane to develop the keying schedule; 3) Assist Gilbane prior to Project closeout in setting up the transferring of any keys to the Owner.
8. The hardware supplier, in conjunction with the hardware installer, will visit the Project within one (1) month after occupancy, as requested by the Construction Manager, to replace any defective hardware and make final adjustments.
9. Submit manufacturers' product data, shop drawings and a hardware schedule as a formal submittal; provide hardware templates at time of this submittal.
10. Ship to the Project site for tailgate delivery to a designated unloading area. Unloading, inventory, and installation work is by others (by BP 08A & 09A). Provide separate deliveries to each respective bid package as needed to meet the phasing of the job. An inventory must be performed at the time of delivery. The Doors/Frames and Hardware Supplier will assist the respective trade contractor with the inventory. The respective contractor will sign all delivery slips after inventory is complete and there is mutual agreement on quantities delivered. Any discrepancies encountered after delivery slip is signed and accepted by the respective contractor are solely the respective contractor's responsibility, included all cost to replace missing items and any negative schedule impact costs
11. All shipments must be accompanied with detailed delivery slips. The door schedule is NOT an acceptable delivery slip. Any shipments, which arrive without detailed delivery slips, will be turned away.



12. A 72 hour notice must be given to the Construction Manager prior to any delivery to the site.
13. Furnish construction cores for all lockable hardware in addition to the permanent cores.
14. Furnish cylinders for all locksets in the aluminum doors, overhead doors and grilles.
15. O & M shall be furnished on all hardware and door types to include: Maintenance, clean-up, manufacturing, specification and operation. See Specifications for O&M submission.
16. Frames, doors and hardware are required to be released to the jobsite as requested and coordinated with the Construction Manager in compliance with the project phasing plan and schedule as storage space on site is limited. Include warehousing of materials accordingly.
17. Furnish all door light glazing stop kits as required. All doors to be properly prepped to receive door light glazing stop kits. The door glass will be provided by others as part of the base bid (by Glass and Glazing Trade Contractor).
18. Furnish door frame anchors, such as masonry tees and punch and dimpled anchors, etc. Coordinate jamb conditions with the Contract Documents and the Construction Manager.
19. Provide hardware templates as required.
20. All fire rated doors frames and hardware shall bear a label from a recognized testing agency and all 20 minute doors shall have smoke and draft rated seals installed around them.
21. Fire Rated Doors to match adjacent Fire Rated Wall Assemblies as indicated on the drawings.
22. It is the bidder's responsibility to check the Project Documents for material quantities, and verify proper coordination of the materials for each door assembly.
23. Furnish all electrified door hardware, including but not limited to Electric Strikes, Power-Assist Closers, Electromagnetic Door Holders, and Boxed Power Supplies as listed in the Door Hardware schedule. Include all contacts and hardware to coordinate with the Security system and card access system.
24. Furnish doors with the proper undercut. Coordinate undercut requirements with the Contract Drawings and Specifications as well as the work of other Trade Contractors. As a precautionary measure all doors shall be manufactured so that additional field undercutting is possible.
25. Provide factory-finishing of all wood doors per the requirements of the Specifications. Coordinate all finishes with the finish of adjacent millwork (trim, panels, frames, etc.) provided by others. Provide frames and doors, which will be field painted by others, with proper prime coating.

26. Furnish the key cabinet as specified, fully set-up and loaded prior to delivery to the site. It is the intent of this scope of work item that the installing trade contractor must only install the key cabinet. Also, install and set-up key control software
27. Provide temporary, removable steel shipping bars on all hollow metal frames.
28. The successful bidder shall sign a Purchase Order and furnish a Supply Bond in the full amount of the Purchase Order. This is in lieu of the Trade Contractor Contract and the Performance Labor and material Payment Bond required for Trade Contractors performing labor on the Project.
29. Hardware, except lock cylinder cores, for aluminum entrances will be provided by BP08A Glass and Glazing and is excluded from the BP08B – Doors, Frames and Hardware scope. Furnish all lock cylinders for all hardware for the Project, including the hardware provided by BP08A. Coordinate accordingly.
30. Provide individual shipments for doors, frames, and hardware by phase for each assembly. Carefully review the phasing drawings and project needs. Hollow metal frames will be required during early the early stage of each phase and door leafs and hardware will be required during finish stage of each phase. There will be no on-site storage of materials for phases other than the scheduled phase. Include all costs associate with multiple shipments to accommodate the progress of construction.
31. Review the Door Schedule and include furnishing new all work at existing doors as may be noted in the schedule.

2. Description of Work Excluded

1. Installation of all doors and hardware
2. Aluminum Entrance Hardware

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:

Gilbane Project Manual  
All Division 01 – General Requirements  
081113 Hollow Metal Doors and Frames  
081416 Flush Wood Doors  
087100 Door Hardware

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

**N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Purchase Order Agreement issued as part of the bidding documents, agrees that if selected for award he will accept the Purchase Order Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 09A Drywall & Related Work**

**PRE-BID CONFERENCE:** October 11, 2011  
**TIME:** 3:00 PM

**PROPOSAL DUE DATE:** November 1, 2011  
**TIME:** 2:00 PM

**LOCATION:** HC Wilcox Technical School  
298 Oregon Road  
Meriden, CT 06451

**LOCATION:** Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033

**DEADLINE FOR SUBMISSION OF QUESTIONS:** October 25, 2011

**To:** Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033  
Attention: Patrick J. Delany, District Chief Purchasing Agent

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ the undersigned

**A.** Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Drywall and Related Work** herein described as Bid Package **No. 09A** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.** All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of \_\_\_\_\_ Dollars (\$) \_\_\_\_\_).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

**C.** Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to

execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

**D. The above price includes all stipulations and requirements of the following Supplements:**

- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... June 25, 2012
- 4. Bid Package Substantial Completion:..... August 7, 2014
- 5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

- 1. The Bidder will endeavor to obtain a minimum goal of twenty-five percent (25%) of the awarded amount to small business enterprises, with ten percent (10%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.

2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.
3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

**UNIT PRICES:**

1.	Wall Type C.....	\$ _____	/SF
2.	Wall Type C1.....	\$ _____	/SF
3.	Wall Type C2.....	\$ _____	/SF
4.	Wall Type D.....	\$ _____	/SF
5.	Wall Type E.....	\$ _____	/SF
6.	Wall Type F.....	\$ _____	/SF
7.	Wall Type G1.....	\$ _____	/SF
8.	Wall Type H.....	\$ _____	/SF
9.	GWB Ceiling .....	\$ _____	/SF
10.	Temporary partition wall, 14' tall, 16 ga. 2x4, 16" o.c. stud wall, sound attenuation blankets, 5/8" gypsum wall board, taped and prime painted white both sides and fire/smoke sealed.....	\$ _____	/LF
11.	Spruce fir 2" X 6" X 8' .....	\$ _____	/EA
12.	4X8 Sheet of 3/4" exterior grade plywood .....	\$ _____	/EA
13.	20' x 100' roll 6 mil flame retardant reinforced polyethylene type sheeting .....	\$ _____	/EA
14.	1" X 6" X 12' #2 pine or similar.....	\$ _____	/EA
15.	Slab boot for vertical post.....	\$ _____	/EA
16.	4' x 8' White Board with aluminum trim and full length eraser tray installed and later removed.....	\$ _____	/EA
17.	5 gallon taping compound and tape .....	\$ _____	/EA

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity

and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.



ALLOWANCES:

1. 800 man-hours of premium time portion of the labor rate to accelerate work in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to maintain the schedule and that this allowance will not be used for that purpose.
 

Carpenter Journeyman .....	\$ _____/Hr X 400 =	\$ _____
Laborer Journeyman .....	\$ _____/Hr X 400 =	\$ _____
Total .....		\$ _____
  
2. 4160 Man Hours to provide interim clean-up in addition to the base scope requirements at the direction of the Construction Manager.
 

Laborer Journeyman .....	\$ _____/Hr X 4,160 =	\$ _____
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3. 270 man-hours of journeyman time and 30 man-hours of foreman time to provide temporary protection measures in addition to the base scope requirements. Include all necessary fasteners, 100- Spruce fir 2" X 6" X 8', 25- 4X8 sheets of 3/4" exterior grade plywood, 4 rolls 20' x 100' roll 6 mil flame retardant reinforced polyethylene type sheeting at the direction of the Construction Manager. This is in addition to requirements of the base bid
 

Journeyman .....	\$ _____/Hr X 270 =	\$ _____
Foreman .....	\$ _____/Hr X 30 =	\$ _____
Spruce fir 2" X 6" .....	\$ _____/EA X 100 =	\$ _____
4X8 sheets of 3/4" exterior grade plywood .....	\$ _____/EA X 25 =	\$ _____
20' x 100' roll 6 mil flame retardant reinforced polyethylene type sheeting .....	\$ _____/EA X 4 =	\$ _____
Total .....		\$ _____
  
4. 100 Man hours to provide safety railings (100 – 2X6X8, 25 slab boots for vertical posts, 25- 1X6X12 Toe Board material, 20 sheets of 3/4 " plywood) in addition the base scope requirements at the direction of the Construction Manager.
 

Journeyman .....	\$ _____/Hr X 90 =	\$ _____
Foreman .....	\$ _____/Hr X 10 =	\$ _____
Spruce fir 2" X 6" .....	\$ _____/EA X 100 =	\$ _____
Slab boot for vertical post .....	\$ _____/EA X 25 =	\$ _____
1" X 6" X 12' # 2 pine or equivalent .....	\$ _____/EA X 25 =	\$ _____
4X8 sheets of 3/4" exterior grade plywood .....	\$ _____/EA X 20 =	\$ _____
Total .....		\$ _____
  
5. Twenty (20) Temporary White Boards – Furnish, install and remove 4' X 8' White Boards
 

Temporary 4' X 8' White Board.....	\$ _____/EA X 20 =	\$ _____
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6. 100 Taper hours, 10 five (5) gallon buckets of taping compound, and tape for taping and patching unassignable damage at the direction of the construction manager. This is in addition to the requirements of the base bid
 

Taper Journeyman.....	\$ _____/Hr X 100 =	\$ _____
5 gal. buckets of taping compound and tape .....	\$ _____/EA X 10 =	\$ _____
Total .....		\$ _____
  
7. 200 Laborer hours for relocating loose supplies in the Shops area that are not indicated on the contract documents. This is in addition to the requirements of the base bid.
 

Laborer Journeyman .....	\$ _____/Hr X 200 =	\$ _____
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8. 1,000 LF of temporary partition beyond base contract requirements, consisting of 14' tall, 16 ga. 2x4 16" o.c. stud wall, sound attenuation blankets, 5/8" gypsum wall board, taped and prime painted white both sides and fire/smoke sealed. Include installation and demolition and removal.  
 Temporary partition consisting of 14' tall .....\$ \_\_\_\_\_/LF X 1,000 = \$ \_\_\_\_\_

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. **COST BREAKDOWN**

Total Material .....\$ \_\_\_\_\_  
 Total Labor Cost .....\$ \_\_\_\_\_  
 Total Subcontractor/Equipment Cost.....\$ \_\_\_\_\_  
 Total Applicable Sales and Use Taxes.....\$ \_\_\_\_\_  
 Allowances.....\$ \_\_\_\_\_  
 Total Bond Cost .....\$ \_\_\_\_\_  
 Total Bid .....\$ \_\_\_\_\_  
 Total Estimated On-Site Man-hours ..... \_\_\_\_\_

2. **QUANTITY BREAKDOWN** (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Safety	L.S.	\$ _____
Internal Partitions	_____ LF.	\$ _____
Gypsum Ceilings	_____ SF.	\$ _____
Exterior Framing	_____ SF.	\$ _____
Exterior Sheathing	_____ SF.	\$ _____
Projection Screens	_____ EA.	\$ _____
Doors & Hardware Installation	L.S.	\$ _____
Fixed Sound Absorbing Panels	L.S.	\$ _____
Visual Display Boards	L.S.	\$ _____
Roller Shades	L.S.	\$ _____
Equipment (New & Relocations)	L.S.	\$ _____
Allowances	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____

## **L. SCOPE OF WORK**

### **1. Description of Work Included**

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

### **GENERAL**

1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.
2. Retainage of 7.5% is intended to be withheld until Substantial Completion however "partial payments may be made if agreed to by the DCS and Gilbane."
3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor's responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.

5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.

18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.
24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.

28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.
35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect's response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor's SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.

39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor's responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor's project manager and field supervisor.
41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license costs is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.
44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).

46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Provide all labor, materials, equipment and services required to complete all drywall and related work. The work includes, but is not limited to, all cold framed metal framing; rough carpentry, sheathing, integrated door assemblies, building insulation; through penetration fire stopping, fire resistive joint sealant work, joint sealants, door frame installation, door installation, hardware installation, access doors, metal framing, gypsum board; gypsum ceilings, fire protection specialties, projection screens, equipment, visual display boards, and window treatments in accordance with the Contract Documents.

2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:

- 054000 Cold Formed Metal Framing
- 061000 Rough Carpentry
- 062013 Exterior Finish Carpentry
- 072100 Thermal Insulation
- 078446 Fire Resistive Joint Systems
- 079200 Joint Sealants
- 079500 Expansion Control
- 081113 Hollow Metal Doors and Frames (install only)
- 081416 Flush Wood Doors (install only)
- 083113 Access Doors and Frames
- 087100 Door Hardware (install only)
- 092116 Gypsum Board Shaft Wall Assemblies
- 092216 Non-Structural Metal Framing
- 092900 Gypsum Board
- 098413 Fixed Sound Absorbing Panels
- 101100 Visual Display Boards
- 104415 Fire Protection Specialties
- 115000 Equipment
- 115213 Projection Screens
- 124940 Roller Shades

In addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.

3. Provide all fire extinguishers and cabinets at all locations regardless of the type of wall construction. Include signs for these. Coordinate with applicable trades. Do not install fire extinguishers until the end of the project and/or as requested by the Construction Manager.



4. Provide maintain and service temporary fire extinguishers for the project per the Project Safety Plan. Provide thirty (30) fully charged 20lb. Type ABC extinguishers and stands. Locations as requested by the Construction Manager. Provide six (6) new, fully charged 10lb. Type ABC extinguishers for the Construction Manager's Office; include labor for wall mounting.
5. Construct all temporary walls, doors, frames and hardware as shown on the phasing drawings. Provide all the doors, frames and hardware associated with these temporary walls. This is inclusive of the walls, doors and frames noted on 2/PH3A. Provide a weather tight assembly where the temporary wall is exposed to weather.
6. The permanent doors, frames and hardware will be furnished by others. Receive, unload, inventory, store, distribute and install all hollow metal door frames, hollow metal windows, hollow metal doors, wood doors and finish hardware. The inventory must be performed at the time of delivery. The doors, frames, hardware vendor will assist with the inventory. Sign all delivery slips after inventory is complete. Any discrepancies encountered after delivery slip is signed and accepted by this Trade Contractor are solely this Trade Contractor's responsibility, included all cost to replace missing items and any negative schedule impact costs. The hardware will be labeled by opening. Provide filling of all nail holes in wood door glazing stops after installation of glass. Glass is furnished and installed by others. Coordinate with BP08A for installation of the lock cylinders in aluminum entrances.
7. Include the setting of hollow metal frames in masonry assemblies. Include supplementary wood blocking shown on the drawings. Include spreaders at floor and at midpoint of all masonry frames. Do not remove until masonry work, including grouting of frame, is complete.
8. Return to project (4) separate times in the one year subsequent to occupancy to adjust hardware as required to ensure proper operation. (This is in addition to initial adjustment at the time of installation and at substantial completion of the project.)
9. Provide all in-wall/ceiling blocking indicated and or required. This shall include, but not be limited to, blocking required for doors, windows, curtainwall, millwork, casework, toilet accessories, toilet partitions, fire extinguishers, railing, shelving, hardware, and window treatment. All wood blocking is to be fire treated. Provide fire treated plywood and blocking in exterior wall around windows and storefronts as indicated in the contract documents. Coordinate the work with other trade contractors. Provide layouts of installed blocking when requested by others.
10. Provide all blocking at curtainwall, storefront, louvers and window heads and sills as shown.
11. Provide framing, sheathing, blocking and insulation associated with all details on A1.19, A1.20, A4.21, A4.22 and similar. Coordinate sheathing with roofer to ensure compatibility prior to installation. Also, provide all framing, sheathing, and insulation as required above the roof deck. Coordinate with the roofer for final wall heights which are dependent upon final tapered insulation heights. See details 4 & 8/A4.21 and 7/A4.22 as typical example of framing above the roof deck.

12. Provide trapeze suspension assemblies for ceiling assemblies where required to accommodate ductwork and other obstructions above the ceiling. Suspension systems must comply with all applicable seismic requirements per applicable building codes.
13. Provide all framing as necessary to support the gypsum board ceiling, soffits, and wall systems around obstructions.
14. Provide all drywall ceilings and/or drywall soffits as shown and/or inferable on the reflected ceiling drawings, finish schedule, specifications, and detail drawings. Where conflicts occur, include the ceilings of greater cost. Upon discovery of a conflict immediately notify the Construction Manager. Note and include the acoustic sealing requirement.
15. Receive and install access doors furnished by the others (reference Specification Section 083113). Provide all access doors and panels shown specifically on the drawings.
16. Provide all field engineering for layout of line and grade from line and grade points provided by the Construction Manager. This Trade Contractor shall permanently mark all floors with wall locations, both sides, and all door openings within the walls prior to erection of walls to allow layout and rough-in by other trades. Permanent markings shall be confined to areas that will be covered by the wall construction. No markings may extend into areas where the floor finish is sealed concrete. The mason contractor will be responsible for the layout of his work regardless of your layout work. The intent is to identify any discrepancies in dimensions and resolve them prior to partition work proceeding.
17. This Trade Contractor is responsible to correct any telegraphing of tape joints or poor quality of drywall seams after the application of primer or finish paint. A project benchmark will be established in accordance with the project Quality Plan. The Painter will coordinate with this Trade Contractor to ensure drywall assemblies are complete prior to the application of any paint. Any corrective work by this Trade Contractor which necessitates the repainting of a surface will be solely responsible for the repainting costs. All repainting will be performed by the project Painting Trade Contractor.
18. Provide framed openings in walls and ceilings for all opening, including, but not limited to, doors, borrowed lights, windows, window walls, fire extinguisher cabinets, toilet accessories, duct penetrations, return air openings, transfer ducts, diffusers, access panels, light fixtures, etc. Coordinate your work with other trade contractors.
19. Coordinate with other trades to ensure that all inserts, piping, conduit, fixtures, carriers, and the like are installed before closing up walls. This Trade Contractor shall also coordinate with other trades' inspections prior to closing up walls. This shall be coordinated through the Construction Manager. This Trade Contractor is responsible to sign-off on the In Wall Inspection Form prior to closing walls. Should a trade contractor sign-off on the In Wall Inspection Form and later required an in-wall item, all costs associated with installing that in-wall item shall be borne by that trade contractor.
20. The containment of dust and debris on this project is critical. This Trade Contractor is responsible for daily cleanup of the Work. Daily sweeping of all dirt and sanding debris, with wax based sweeping compound is required, as well as additional sweepings as requested by the Construction Manager. Include clean up of all unassignable trash in

- addition to your own daily clean up. This Trade Contractor shall perform a thorough clean up of the building once weekly.
21. Provide a minimum of eight (8) new 1 yard wheeled rubber hoppers, and ten (10) full size heavy duty garbage cans on wheeled bases. In addition provide five (5) 55 gallon steel garbage cans at the exterior of the buildings. Maintain and secure all of the waste containers for the duration of the project. Distribute the waste receptacles to the various work areas each day, continually collect and empty to the dumpsters, and redistribute all of the containers throughout the project as required throughout the course of each workday. Where bulk debris piles are made by the trades in lieu of placing garbage in the containers, remove the debris piles to the dumpster by the end of each workday, or more often as directed by the Construction Manager. The containers shall become the property of this Bid Package on completion of the project.
  22. Provide weekly cleaning for Construction Manager's trailer for the duration of the Project. Include vacuum, wet mop, dusting, empty trash receptacles and cleaning of bathroom.
  23. Provide 1 laborer 40 hours per week from 9/1/12 until 8/31/14 to be directed by the Construction Manager. This time will be charged against the allowance above.
  24. Provide and maintain removable OSHA and Safety Plan compliant safety railing and protection of the elevator pits and all elevator landings.
  25. Remove and replace perimeter protection cable system as necessary to access your work. Provide additional protection as required by OSHA and the Project Safety Plan during your operations.
  26. Two (2) sections (maximum 12' wide) of your work (at the exterior walls) may be left out as directed by the Construction Manager to provide access for other Trade Contractors. This Trade Contractor is responsible for completion of this work (upon direction of Construction Manager) in such a way that it matches the original work surrounding the area and is done at no additional cost. Include the cost of two double sliding barn door style temporary doors with associated hardware and latches at all floors at both locations. Furnish and maintain a corral with removable rails, large enough for safe loading of materials at these openings and tie off point to allow for safe access beyond the guiderail protected point.
  27. Storage of materials on floor slabs must be coordinated with the Construction Manager. Protect all gypsum panels from moisture accumulation and must be covered while stored. Gypsum panels with excessive moisture content shall be removed from the jobsite immediately and shall not be incorporated into the project.
  28. Provide all lifts, staging, hoisting, etc., required to effectuate your work except as otherwise indicated herein.
  29. Provide, maintain, remove and dispose of two temporary trash chutes for the duration of the addition and renovation work from second floor and roof level to ground level with OSHA and Project Safety Plan compliant access at each level. Include a weather tight enclosure with a latchable door at the second level and roof level. The minimum size shall be 3' diameter. Assume heavy duty PVC material. Provide all necessary fall protection at the roof level. Coordinate location and tie-back to the building with the Construction Manager and the masonry scaffolding, if applicable. Include initial

- installation at an area of the addition as directed by the Construction Manager. Include removal and reinstallation at an area of the renovation as directed by the Construction Manager. Removal and reinstallation will not be completed in the same mobilization.
30. Cutting or other modifications to structural steel will not be permitted without written authorization from the structural engineer.
  31. Include all caulking and sealant in accordance with specification section 079200 Joint Sealants associated with this work and between this work and all adjacent work. Include caulking of door frames and access doors after installation.
  32. Provide all fire stopping and fire safing assemblies for this bid package as specified in sections 078413 and 078446 and as shown and / or indicated on the drawings. Firestopping within sleeves is by the trade whose work passes through the sleeve. Penetrations made after the work of this bid package is in place will be firestopped by the trade contractor making the penetration.
  33. Provide supplement lighting and power that may be required to perform any work of this bid package beyond what is indicated in General Conditions.
  34. Provide fans and ventilation as may be required to aid in the drying of the taping compound. Heating and Cooling is by others.
  35. Coordinate installation of your work with the Mechanical and Electrical Trade Contractors. Sign-off on coordination drawings. As a result of the coordination process, reflected ceiling plans may vary from original contract documents (i.e. light fixtures, diffusers, etc.). This Trade Contractor is responsible to incorporate these modifications at no additional cost.
  36. Provide all closure plates at metal deck flutes as required to install your work.
  37. Provide sound attenuation blankets and/or insulation within all partitions and above drywall ceilings as indicated.
  38. Provide all clips and anchors required for lateral support whether shown or not.
  39. Provide complete fire rated plywood lined walls to 8' AFF for all electrical, telephone equipment, and data equipment rooms. Plywood to be installed on all four walls. Provide stud backup framing in areas indicated on MEP drawings, see drawing COM2.1.1 for typical condition.
  40. Provide all labor necessary to receive handle and unload and install all items furnished under this scope of work. Provide all hoisting, rigging, staging necessary.
  41. Perform all factory and field testing specified and as required by the specifications or local authorities.
  42. Remove and dispose of all packaging, bracing, protective coatings/ blankets, spacers, etc.
  43. Work with any scratches, marks, dents, or other deformations will not be accepted. Onsite repair procedures must be pre-approved by the architect. Items with unacceptable

- repair or deformations shall be removed and replaced. Unacceptable work shall not be removed until receipt of an acceptable replacement.
44. Coordinate all Blinds and roller shades with surrounding construction and notify the Construction Manager of any conflicts prior to installation. Provide appropriate fasteners and brackets for the corresponding wall or pocket on which the blinds are being installed.
  45. Provide all required expansion joint assemblies for the project, both interior and exterior to the building with the exception of the roof joints. Coordinate with the trade contractor installing the work in which the joint assembly is installed. Closely coordinate with the roofer to ensure a weather tight transition from roof joints to the joint assemblies provided under this scope of work. The roofer has primary responsibility for the weathertight transition between the roof expansion joints and the joint assemblies provided under this scope of work.
  46. Provide, maintain and remove temporary weather protection at all exterior wall openings from the time roof sheathing begins to when the building is fully enclosed. Protection shall at a minimum consist of fire retardant poly nailed or screwed in place using wood lath. In renovation areas, protect openings when windows or doors are removed and maintain until new windows are installed.
  47. Provide 3' x 20' plan table with shelf and 40 LF of heavy duty shelving constructed out of plywood or MDF for Construction Manager's trailer.
  48. Provide a temporary enclosure for the main temporary power panel and the associated power distribution panels.
  49. Protect new and existing roofs when working on or above roof areas. At a minimum provide plywood protection in areas under ladders, where material is stored and where debris can fall. Under scaffolding also provide sleepers in addition to plywood. Plywood should be placed in a manner and with sufficient protection underneath so as not to puncture roofing membrane.
  50. Include temporary storage and re-installation of all built in casework and existing furniture in rooms A113 & A115 that will be removed by BP 02A for demolition of the exterior wall.
  51. Provide all Fixed Sound Absorbing Panels as specified in section 098413 and as indicated in the contract documents.
  52. Provide all Visual Display Surfaces as specified in section 101100.
  53. Provide all Projection Screens as specified in section 115213 and as shown on the drawings. Provide all low voltage wiring. BP26A will provide all line voltage wiring and final electrical connections.
  54. Provide all Roller Shades as specified in section 12494 and as indicated in the drawings. Provide all low voltage wiring. BP26A will provide all line voltage wiring and final electrical connections. See the 10 Series drawings with Room Finish Schedule as well as other drawings for the full extent of the work.

55. Provide all equipment as specified in equipment specification 115000. In addition, remove, store and replace all owner provided equipment as shown on the plans and indicated on drawing A12.09 as "relocate from existing shop". Inventory equipment prior to removing from existing spaces and store until needed for reinstallation after renovations are complete. It is likely that adequate storage facilities are not available on site so this contractor is to include costs for off-site storage and transportation. Receive, unload, set in place and protect all owner finished equipment per A12.09 and specification 011100 section 1.6. MEP connections/disconnects will be done by the respective trades.
56. Provide entire wood framed floor in as shown on 8/A6.02.
57. Include replacement of entire existing gypsum ceiling pocket in rooms A121, A128 & A145.
58. Include all aluminum closure panels at drywall soffits. See 15/A2.11 for typical example.
59. Ensure drywall is finished to within 1/2" of the finish floor. Fill in gaps exceeding 1/2" and any factory tapered edges.
60. Provide wood framing and plywood floor at the Mezzanine. See S6.06 and other drawings for more information.
61. Carefully remove existing furniture in room A113 and A115 where exterior wall demolition work is required. Store equipment and reinstall as designated.
62. Provide the plywood on furring shown on A1.04.
63. Where drywall assemblies intersects with structural steel or joists, include all costs to infill and complete wall to the underside of deck. Provide all firesafing systems between the tops of drywall partitions and underside of deck/slabs. Provide all fire rated joints including backer rod and sealants.
64. Provide aluminum closure panels at all locations where the closure panel abuts drywall assemblies. Aluminum closure panels shall be in accordance with 095113, 2.12, A. Aluminum closure panels that do not abut drywall assemblies are by others.
65. Include the framing and support system shown in 2 & 5/A4.07. The aluminum composite panel system is by others.
66. Include all framing, sheathing, insulation, blocking, and plywood shown in 2/A4.22.
67. Review the Door Schedule and include all work at existing hollow metal doors as may be noted in the schedule. Furnishing of hardware and new center mullions is by BP08B.

2. Description of Work Excluded

1. Hollow Metal Doors, Frames, Wood Doors and Door Hardware to be furnished by BP 08B, installed by this bid package. Aluminum door hardware to be installed by BP 08A
2. Roof expansion joint assemblies
3. Plywood subfloor and sleepers at the new stage
4. Cement board at roof

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:

- Gilbane Project Manual
- All Division 01 – General Requirements
- 054000 Cold Formed Metal Framing
- 061000 Rough Carpentry
- 062013 Exterior Finish Carpentry
- 072100 Thermal Insulation
- 078446 Fire Resistive Materials
- 079200 Joint Sealants
- 079500 Expansion Control
- 081113 Hollow Metal Doors and Frames
- 081416 Flush Wood Doors
- 083113 Access Doors and Frames
- 087100 Door Hardware
- 092116 Gypsum Board Shaft Wall Assemblies
- 092216 Non-Structural Metal Framing
- 092900 Gypsum Board
- 098413 Fixed Sound Absorbing Panels
- 101100 Visual Display Boards
- 104415 Fire Protection Specialties
- 115000 Equipment
- 115213 Projection Screens
- 124940 Roller Shades

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

**N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.



**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 09B Ceramic Tile – SBE SET ASIDE**

**NOTE THAT THIS BID PACKAGE HAS BEEN SET ASIDE FOR SMALL BUSINESS ENTERPRISE (SBE)  
BIDS ONLY. BIDS BY NON-SBE CONTRACTORS WILL BE REJECTED.**

**PRE-BID CONFERENCE:** October 11, 2011  
**TIME:** 3:00 PM

**PROPOSAL DUE DATE:** November 1, 2011  
**TIME:** 2:00 PM

**LOCATION:** HC Wilcox Technical School  
298 Oregon Road  
Meriden, CT 06451

**LOCATION:** Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033

**DEADLINE FOR SUBMISSION OF QUESTIONS:** October 25, 2011

**To:** Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033  
Attention: Patrick J. Delany, District Chief Purchasing Agent

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ the undersigned

**A.** Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Ceramic Tile Work** herein described as Bid Package **No. 09B** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.** All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of

\_\_\_\_\_ Dollars (\$) \_\_\_\_\_).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

C. Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

D. The above price includes all stipulations and requirements of the following Supplements:

- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... November 2, 2012
- 4. Bid Package Substantial Completion:..... July 23, 2014
- 5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

1. The Bidder will endeavor to obtain a minimum goal of twenty-five percent (25%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.
2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.
3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. **IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.**

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

**UNIT PRICES:**

1.	Unglazed Ceramic Mosaic Tile (2x2).....	\$ _____	/SF
2.	Glazed Ceramic Mosaic Tile (2x2).....	\$ _____	/SF
3.	Granite Threshold (3'-0") .....	\$ _____	/EA
4.	Waterproofing.....	\$ _____	/SF
5.	Crack Suppression System.....	\$ _____	/SF
6.	Precast Terrazzo Unit (24"x24") .....	\$ _____	/EA
7.	Precast Terrazzo Unit (2 1/2" x24") .....	\$ _____	/EA
8.	Resinous Flooring Field.....	\$ _____	/SF
9.	Resinous Flooring Cove Base.....	\$ _____	/LF
10.	Hydraulic Cement Underlayment .....	\$ _____	/BAG
11.	Moisture Vapor Emission Reduction Control System (01 20 00 1.6.E.1.b).....	\$ _____	/SF

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

1. 100 man-hours of premium time portion of the labor rate to accelerate work in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to maintain the schedule and that this allowance will not be used for that purpose.

Tile Setter Journeyman .....	\$ _____/Hr X 90 =	\$ _____
Tile Setter Foreman .....	\$ _____/Hr X 10 =	\$ _____
Total .....		\$ _____

2. 100 bags of floor leveling and 500 SF of crack bridging in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to provide the specified preparation work and this allowance will not be used for that purpose.

Crack Suppression System.....\$ \_\_\_\_\_/SF X 500 = \$ \_\_\_\_\_  
 Hydraulic Cement Underlayment .....\$ \_\_\_\_\_/Bag X 100 = \$ \_\_\_\_\_  
 Total.....\$ \_\_\_\_\_

3. 14,000 SF of Moisture Vapor Emission Reduction Control System for resinous flooring locations in accordance with 01 20 00 1.6.E.1.b, and in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to provide the specified preparation work and this allowance will not be used for that purpose.

Moisture Vapor Emission Reduction Control System.....\$ \_\_\_\_\_/SF X 14,000 = \$ \_\_\_\_\_

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. **COST BREAKDOWN**

Total Material .....\$ \_\_\_\_\_  
 Total Labor Cost .....\$ \_\_\_\_\_  
 Total Subcontractor/Equipment Cost.....\$ \_\_\_\_\_  
 Total Applicable Sales and Use Taxes.....\$ \_\_\_\_\_  
 Allowances.....\$ \_\_\_\_\_  
 Total Bond Cost.....\$ \_\_\_\_\_  
 Total Bid .....\$ \_\_\_\_\_  
 Total Estimated On-Site Manhours ..... \_\_\_\_\_

2. **QUANTITY BREAKDOWN** (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Safety	L.S.	\$ _____
Ceramic Tile	_____ SF.	\$ _____
Terrazzo	_____ SF.	\$ _____
Resinous Flooring	_____ SF.	\$ _____
Floor Leveling	L.S.	\$ _____
Allowances	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____

## **L. SCOPE OF WORK**

### **1. Description of Work Included**

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

### **GENERAL**

1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.
2. Retainage of 7.5% is intended to be withheld until Substantial Completion however "partial payments may be made if agreed to by the DCS and Gilbane."
3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor's responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.

5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.



18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.
24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.

28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.
35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect's response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor's SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.

39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor's responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor's project manager and field supervisor.
41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license costs is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.
44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).

46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Provide all labor, materials, equipment and services required to complete all tiling, terrazzo and resinous flooring and related accessories. This includes, but is not limited to slab preparation, subfloor, respective flooring material, and all wall tiling.
2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:
  - 035416 Hydraulic Cement Underlayment
  - 093000 Tiling
  - 096623 Precast Terrazzo Flooring
  - 096723 Resinous Flooring
  - 128416 – Entrance Floor GrillesIn addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.
3. Coordinate with others and inspect substrates prior to start of work and in a timely fashion to allow corrective work.
4. Provide all termination/trim and transition strips integral with the work of this bid package and to provide a finished installation as it relates to adjoining and adjacent work.
5. Provide all flash patching or grinding of concrete floors that meet specifications required to adhere to the manufactures recommendation for installation of the work of this bid package.
6. Provide all waterproofing, caulking, vapor retarder and sealant integral with the work of this bid package.
7. Provide any temporary lighting you may require which beyond the lighting provided per the General Conditions.
8. Provide proper protection of finished materials installed by other trades to prevent damage or stains during installation of your work. Any work damaged by this Trade Contractor shall be repaired solely at the expense of this Trade Contractor.
9. Provide all barriers and signage including temporary partitions and ventilation required to exhaust all fumes and odors. Include monitoring as required of work areas and adjacent areas using appropriate industrial hygiene equipment.

10. Scrape and fine broom sweep the floors prior to the start of work.
11. Remove and dispose of any hazardous waste that may be generated for the performance of your work. Material must be placed in appropriate containers necessary for transporting the material.
12. Provide and maintain protection of finished flooring by covering surfaces, wall to wall, with non-staining building construction paper and ¼" thick 4' X 8' sheets of masonite at walk paths from door to door with all joints taped. Remove and dispose of protection as requested by the Construction Manager. Comply with specification requirements for protection.
13. Include all moisture testing as specified and per manufacturer recommendations. Provide Construction Manager with test results prior to proceeding with work.
14. Thoroughly block off ceramic floor tile once installed. Return to grout no later than 24 hours after installation. After tile has been grouted and cleaned, cover with non staining construction paper and tape seams and edges.
15. Provide all ceramic wall tile as shown on documents and allow for any recessed bathroom accessories and fixtures.
16. Clean all tile immediately following installation. Final cleaning at the end of the project is by others.
17. Provide stone and marble thresholds where required.
18. Include all floor preparation required for concrete slabs which meet the specified concrete tolerances. Fill and prepare slab shrinkage cracks and joints for floor finishes in this bid package.
19. Storage of resinous flooring materials shall be outside of the building in approved containment vessels.
20. Allow for expansion joint covers, floor drains and /or any other penetration through walls and floors.
21. Coordinate deliveries, onsite storage and lay down area with the Construction Manager.
22. It is not anticipated that all areas will be ready for flooring at one time. Include costs for several comeback installations.
23. Include costs to provide resinous flooring in accordance with schedule. There will be no additional costs additives or other preparatory measures for moisture levels exceeding manufactures recommendations.
24. Carefully review all asbestos and PCB abatement drawings. In areas where existing flooring material is scheduled to be abated, assume the slab will be bead blasted and that the entire area to receive your new work will require patching to a depth of up to ½". Include all costs accordingly.

2. Description of Work Excluded
  1. Carpet and resilient work
  2. New 16 gauge bent plate infill 6A/A6.04

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:

Gilbane Project Manual  
All Division 01 – General Requirements  
035416 Hydraulic Cement Underlayment  
093000 Tiling  
096623 Precast Terrazzo Flooring  
096723 Resinous Flooring  
128416 – Entrance Floor Grilles

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

**N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 09C Carpet, Resilient, & Wood Flooring – SBE SET ASIDE**

**NOTE THAT THIS BID PACKAGE HAS BEEN SET ASIDE FOR SMALL BUSINESS ENTERPRISE (SBE)  
BIDS ONLY. BIDS BY NON-SBE CONTRACTORS WILL BE REJECTED.**

**PRE-BID CONFERENCE:**    October 11, 2011  
**TIME:**                            3:00 PM

**PROPOSAL DUE DATE:**    November 1, 2011  
**TIME:**                            2:00 PM

**LOCATION:**    HC Wilcox Technical School  
                    298 Oregon Road  
                    Meriden, CT 06451

**LOCATION:**    Gilbane Building Company  
                    208 New London Turnpike  
                    Glastonbury, CT 06033

**DEADLINE FOR SUBMISSION OF QUESTIONS:**    October 25, 2011

**To:**    Gilbane Building Company  
          208 New London Turnpike  
          Glastonbury, CT 06033  
          Attention: Patrick J. Delany, District Chief Purchasing Agent

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ the undersigned

**A.**    Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Carpet and Resilient Flooring** work herein described as Bid Package **No. 09C** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.**    All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of

\_\_\_\_\_ Dollars (\$) ).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

C. Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

D. The above price includes all stipulations and requirements of the following Supplements:

- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... November 30, 2012
- 4. Bid Package Substantial Completion:..... August 7, 2014
- 5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

1. The Bidder will endeavor to obtain a minimum goal of twenty-five percent (25%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.
2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.
3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. **IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.**

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

**UNIT PRICES:**

1.	Maple 2 ¼” Strip Wood Flooring, finished .....	\$ _____	/SF
2.	Southern Yellow Pine 4” x 8” Block Flooring, finished.....	\$ _____	/SF
3.	4” Resilient Base.....	\$ _____	/LF
4.	4’ Resilient Stair Tread and riser .....	\$ _____	/EA
5.	12” x 12” Rubber Floor Tile .....	\$ _____	/SF
6.	12” x 12” Vinyl Composition Floor Tile .....	\$ _____	/SF
7.	Resilient Athletic Flooring.....	\$ _____	/SF
8.	Tufted Carpet .....	\$ _____	/SY
9.	Hydraulic Cement Underlayment .....	\$ _____	/BAG
10.	Moisture Vapor Emission Reduction Control System (01 20 00 1.6.E.1.c) .....	\$ _____	/SF

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

1. 200 man-hours of premium time portion of the labor rate to accelerate work in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to maintain the schedule and that this allowance will not be used for that purpose.

Carpenter Journeyman .....	\$ _____/Hr X 180 =	\$ _____
Carpenter Foreman .....	\$ _____/Hr X 20 =	\$ _____
Total .....		\$ _____

2. 200 bags of floor leveling in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to provide the specified preparation work and this allowance will not be used for that purpose.  
 Hydraulic Cement Underlayment ..... \$ \_\_\_\_\_/Bag X 200 = \$ \_\_\_\_\_
3. 500 SF VCT to replace VCT damage caused by others. This allowance will not be used for tile that is damaged due to lack of protection from this bid package.  
 12" x 12" Vinyl Composition Floor Tile ..... \$ \_\_\_\_\_/SF X 500 = \$ \_\_\_\_\_
4. 14,000 SF of Moisture Vapor Emission Reduction Control System for resinous flooring locations in accordance with 01 20 00 1.6.E.1.c, and in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to provide the specified preparation work and this allowance will not be used for that purpose.  
 Moisture Vapor Emission Reduction Control System..... \$ \_\_\_\_\_/SF X 14,000 = \$ \_\_\_\_\_

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. **COST BREAKDOWN**

- Total Material ..... \$ \_\_\_\_\_
- Total Labor Cost ..... \$ \_\_\_\_\_
- Total Subcontractor/Equipment Cost..... \$ \_\_\_\_\_
- Total Applicable Sales and Use Taxes..... \$ \_\_\_\_\_
- Allowances..... \$ \_\_\_\_\_
- Total Bond Cost ..... \$ \_\_\_\_\_
- Total Bid ..... \$ \_\_\_\_\_
- Total Estimated On-Site Manhours ..... \_\_\_\_\_

2. **QUANTITY BREAKDOWN** (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Safety	L.S	\$ _____
Maple 2 1/4" Strip Wood Flooring	_____ SF	\$ _____
Southern Yellow Pine 4" x 8" Block Flooring	_____ SF	\$ _____
4" Resilient Base	_____ LF	\$ _____
Resilient Stair Tread and riser	_____ Steps	\$ _____
12" x 12" Rubber Floor Tile	_____ SF	\$ _____
12" x 12" Vinyl Composition Floor Tile	_____ SF	\$ _____

Item	Quantity	Total Cost
Resilient Athletic Flooring	_____ SF	\$ _____
Tufted Carpet	_____ SY	\$ _____
Surface Applied Vapor Reduction System	_____ SF	\$ _____
Hydraulic Cement Underlayment	_____ Bags	\$ _____
Allowances	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____

**L. SCOPE OF WORK**

1. Description of Work Included

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

**GENERAL**

- 1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.
- 2. Retainage of 7.5% is intended to be withheld until Substantial Completion however "partial payments may be made if agreed to by the DCS and Gilbane."
- 3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.

4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor's responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.

16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.
24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow



- removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
  27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.
  28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
  29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
  30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
  31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
  32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
  33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
  34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.
  35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect's response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
  36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.

37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor’s SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.
39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor’s responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor’s project manager and field supervisor.
41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license costs is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor’s scope of work, inclusive of Division 0 and Division 1 specifications.
44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.

45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Provide all labor, materials, equipment and services required to complete all flash patching, slab crack bridging, preparation work, wood floor refinishing, strip wood floor, block wood floor, resilient base, VCT, static dissipative VCT, rubber tile, rubber stair treads and riser, sheet, carpeting, resilient athletic flooring and all related accessories.
2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:
  - 035416 Hydraulic Cement Underlayment
  - 072600 Surface Applied Vapor Reduction System
  - 090160 Wood Flooring Restoration
  - 096400 Wood Flooring
  - 096513 Resilient Base and Accessories
  - 096519 Resilient Tile Flooring
  - 096566 Resilient Athletic Flooring
  - 096816 Sheet CarpetingIn addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.
3. Coordinate all inspect substrates prior to start of work and in a timely fashion to allow corrective work.
4. Provide all termination/trim and transition strips integral with the work of this bid package and to provide a finished installation as it relates to adjoining and adjacent work.
5. Provide all flash patching or grinding of concrete floors that meet specification concrete tolerances as required to adhere to the manufactures recommendation for installation of

- the work of this bid package. Flash patching shall be in accordance with specification section 035416 Hydraulic Cement Underlayment.
6. Provide all waterproofing, caulking, vapor retarder and sealant integral with the work of this bid package. Waterproofing shall be in accordance with specification section 072600 Surface Applied Vapor Reduction System.
  7. Any temporary lighting required by this Trade Contractor beyond the lighting provided per the General Conditions is the responsibility of this Trade Contractor.
  8. Provide proper protection of finished materials installed by other trades to prevent damage or stains during installation of your work. Any work damaged by this Trade Contractor shall be repaired solely at the expense of this Trade Contractor.
  9. Provide all barriers and signage including temporary partitions and ventilation required to exhaust all fumes and odors. Include monitoring as required of work areas and adjacent areas using appropriate industrial hygiene equipment.
  10. Scrape and fine broom sweep the floors prior to the start of work.
  11. Remove and dispose of any hazardous waste that may be generated for the performance of your work. Material must be placed in appropriate containers necessary for transporting the material.
  12. Provide and maintain protection of finished flooring by covering surfaces, wall to wall, with non-staining building construction paper and ¼" thick 4' X 8' sheets of masonite at walk paths from door to door with all joints taped. Remove and dispose of protection as requested by the Construction Manager. Comply with specification requirements for protection.
  13. Include all moisture testing as specified and per manufacturer recommendations. Provide Construction Manager with test results prior to proceeding with work.
  14. Coordinate deliveries, onsite storage and lay down area with the Construction Manager.
  15. It is not anticipated that all areas will be ready for flooring at one time. Include costs for several comeback installations.
  16. Provide all **FINAL** sealing and waxing of resilient tile per the specifications and manufacturers recommendation prepare the flooring for commercial use. Include cleaning tile prior to applying sealer and cleaning in between coats as needed.
  17. Provide all flooring as scheduled in elevator.
  18. Inspect drywall and masonry prior to installing vinyl base and alert the Construction Manager's field superintendent immediately if area is rough and has unsuitable substrate. If the work of this Trade Contractor is installed over such an area, this Trade Contractor will be held responsible to repair.
  19. Include removal, relocation, storage, and reinstallation of the bleachers in Gymnasium C102 for refinishing and game striping of the floor.

20. Provide all wood sleepers and plywood for the stage in Multipurpose Room A153. Wood sleepers and plywood shall be in accordance with specification section 061000 Rough Carpentry. Provide the strip wood flooring on the stage and also include the bullnose, steps and front apron, inclusive of finish, as detailed in 4/A9.02 and 5/A9.02. The apron runs from column line A28 to just past column line A25 as shown in elevation 1C/A8.10. The wood panel to the left and right of the stage as well as the wood trim at the top of the wood panels is by BP06A Millwork. Coordinate with BP06A and BP05B to provide a neat transition between your work and theirs.
21. Carefully review all asbestos and PCB abatement drawings. In areas where existing flooring material is scheduled to be abated, assume the slab will be bead blasted and that the entire area to receive your new work will require patching to a depth of up to ½". Include all costs accordingly.

2. Description of Work Excluded

1. Millwork
2. New 16 gauge bent plate infill as noted in 6A/A6.04
3. Abatement of hazardous materials
4. Ceramic and terrazzo tile work

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:

Gilbane Project Manual  
All Division 01 – General Requirements  
035416 Hydraulic Cement Underlayment  
072600 Surface Applied Vapor Reduction System  
090160 Wood Flooring Restoration  
096400 Wood Flooring  
096513 Resilient Base and Accessories  
096519 Resilient Tile Flooring  
096566 Resilient Athletic Flooring  
096816 Sheet Carpeting

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

**N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 09D Acoustic Ceilings – SBE Set-Aside**

**NOTE THAT THIS BID PACKAGE HAS BEEN SET ASIDE FOR SMALL BUSINESS ENTERPRISE (SBE)  
BIDS ONLY. BIDS BY NON-SBE CONTRACTORS WILL BE REJECTED.**

**PRE-BID CONFERENCE: October 11, 2011  
TIME: 3:00 PM**

**PROPOSAL DUE DATE: November 1, 2011  
TIME: 2:00 PM**

**LOCATION: HC Wilcox Technical School  
298 Oregon Road  
Meriden, CT 06451**

**LOCATION: Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033**

**DEADLINE FOR SUBMISSION OF QUESTIONS: October 25, 2011**

**To: Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033  
Attention: Patrick J. Delany, District Chief Purchasing Agent**

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ the undersigned

**A.** Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Acoustic Ceilings Work** herein described as Bid Package **No. 09D** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.** All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of

\_\_\_\_\_ Dollars (\$) ).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.



C. Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

D. The above price includes all stipulations and requirements of the following Supplements:

- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

1. Anticipated Date of Contract Award: ..... January 19, 2012
2. Commence Shop Drawings and Submittals..... January 19, 2012
3. Commence Work for the Proposal:..... October 31, 2012
4. Bid Package Substantial Completion:..... August 5, 2014
5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

1. The Bidder will endeavor to obtain a minimum goal of twenty-five percent (25%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.
2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.
3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. **IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.**

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

**UNIT PRICES:**

1.	ACT-1 ceiling tile installed, no grid .....	\$ _____	/SF
2.	ACT-1 ceiling tile and grid, installed.....	\$ _____	/SF
3.	ACT-2 ceiling tile installed, no grid .....	\$ _____	/SF
4.	ACT-2 ceiling tile and grid, installed.....	\$ _____	/SF
5.	ACT-3 ceiling tile installed, no grid .....	\$ _____	/SF
6.	ACT-3 ceiling tile and grid, installed.....	\$ _____	/SF
7.	Linear Metal Ceiling whole assembly installed.....	\$ _____	/SF
8.	WP-1 whole assembly installed .....	\$ _____	/SF

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

1. 100 man-hours of premium time portion of the labor rate to accelerate work in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to maintain the schedule and that this allowance will not be used for that purpose.

Carpenter Journeyman .....\$ \_\_\_\_\_/Hr X 90 = \$ \_\_\_\_\_  
Carpenter Foreman .....\$ \_\_\_\_\_/Hr X 10 = \$ \_\_\_\_\_  
Total .....\$ \_\_\_\_\_

2. 500 man-hours to remove and replace ceilings in addition to the base scope requirements at the direction of the Construction Manager.

Carpenter Journeyman .....\$ \_\_\_\_\_/Hr X 450 = \$ \_\_\_\_\_  
Carpenter Foreman .....\$ \_\_\_\_\_/Hr X 50 = \$ \_\_\_\_\_  
Total .....\$ \_\_\_\_\_

3. 1,000 SF of ACT-1 ceiling tile and grid, installed to replace damaged ceilings in existing areas during remove and replace operations for others. This is in addition to the base scope requirements at the direction of the Construction Manager.  
 ACT-1 ceiling tile and grid, installed .....\$ \_\_\_\_\_/SF X 1,000 = \$ \_\_\_\_\_

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. **COST BREAKDOWN**

Total Material .....\$ \_\_\_\_\_  
 Total Labor Cost .....\$ \_\_\_\_\_  
 Total Subcontractor/Equipment Cost.....\$ \_\_\_\_\_  
 Total Applicable Sales and Use Taxes.....\$ \_\_\_\_\_  
 Allowances.....\$ \_\_\_\_\_  
 Total Bond Cost .....\$ \_\_\_\_\_  
 Total Bid .....\$ \_\_\_\_\_  
 Total Estimated On-Site Manhours ..... \_\_\_\_\_

2. **QUANTITY BREAKDOWN** (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Safety	L.S.	\$ _____
ACT-1 (Grid & Tile)	_____ SF	\$ _____
ACT-2 (Grid & Tile)	_____ SF	\$ _____
ACT-3 (Grid & Tile)	_____ SF	\$ _____
Linear Metal Ceilings	_____ SF	\$ _____
WP-1	_____ SF	\$ _____
Cubicles	L.S.	\$ _____
Axiom Perimeter Trim	_____ SF	\$ _____
Allowances	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____

## **L. SCOPE OF WORK**

### **1. Description of Work Included**

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

### **GENERAL**

1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.
2. Retainage of 7.5% is intended to be withheld until Substantial Completion however "partial payments may be made if agreed to by the DCS and Gilbane."
3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor's responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.

5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.

18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.
24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.

28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.
35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect's response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor's SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.



39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor's responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor's project manager and field supervisor.
41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license costs is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.
44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).

46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Provide all labor, material, equipment and services required to complete all acoustical ceilings, linear metal ceilings, wood panel ceilings and cubicle work.
2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:
  - 079200 Joint Sealants
  - 095113 Acoustic Panel and Wire Ceilings
  - 095423 Linear Metal Ceilings
  - 095429 Wood Panel Ceiling Canopies
  - 102123 CubiclesIn addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.
3. Cut and fit the acoustical ceiling systems around all edge conditions and penetrations including but not limited to diffusers, lights, sprinkler heads, projection screens, etc. Provide framing and supports for same as necessary.
4. Include cutting the ceilings tiles for all trades to allow for the installation of their items that penetrate a field of tile including sprinkler heads, speakers, electrical devices, etc. All cuts must be completely hidden once the escutcheons/heads are installed by the sprinkler or other contractor.
5. Coordinate installation of your work with the Mechanical and Electrical Trade Contractors. Sign-off on coordination drawings. The BP23A HVAC Trade Contractor shall provide all support and bracing for radiant panels. Coordinate as necessary and include all trims and transitions as required, including any trim between the radiant panel and other substrates. Assume a trim piece is required between the radiant panel and wall/soffit assembly. Include the aluminum closure and fiberglass batt insulation as shown in detail 2/A4.22 and other similar details.
6. Provide all aluminum closures as specified in section 095113, 2.10, A, where the closure does not abut drywall. Aluminum closures that abut drywall are by BP09A.
7. As a result of the coordination process, reflected ceiling plans may vary from original contract documents (i.e. light fixtures, diffusers, etc.). This Trade Contractor is responsible to incorporate these modifications at no additional cost.

8. Assist in the coordination and the layout of related work and work located within all ceilings installed by this bid package including, but not necessarily limited to, light fixtures, diffusers, exhaust registers, sprinklers, grills, alarm system components, and radiant ceiling panels, all of which to be furnished and installed by others.
9. Coordinate your work as it relates to the installation of projection screens, projectors, and any other protuberances. Projectors and projection screens will be provided and installed by others.
10. Provide ceilings as shown on the reflected ceiling drawings, finish schedules, specifications and detail drawings.
11. Hanger tabs are not provided at the metal deck. Include installation of ceiling hanger prior to spray fireproofing of decks. Hangers are to be installed and bent up for safety.
12. Provide all retention clips as indicated on the drawings and/or as required by the specifications..
13. Suspension systems must comply with all applicable State of Connecticut Seismic Codes.
14. Installation of ceiling tile will be performed in phases as follows:
  - a. Cuts for other trades
  - b. Perimeter cuts
  - c. Field installation
  - d. One pass back through the building, as requested by the Construction Manager, to re-install and adjust tile removed by others. Include 10 full days for a two man crew to perform this work. As part of this work this Trade Contractor shall identify and submit to the Construction Manager a break down by Trade Contractor for the missing and damaged tile.
15. Provide all lifts, staging, hoisting, rigging, etc., required to effectuate the Work.
16. Provide trapeze suspension assemblies where required to accommodate ductwork and other obstructions above the ceiling.
17. Provide expansion joints in ceiling at seismic joint locations noted on the contract documents and/or as required by the specifications.
18. Include all caulking and sealant associated with this work and between this work and adjacent work. Caulking and sealant work shall be as specified in section 079200 Joint Sealants.
19. Provide all sound attenuation blankets required above acoustical ceilings.
20. Provide linear metal ceilings as shown on drawings, schedules and specifications.
21. Provide all cubicles per specification section 102123.
22. Provide all wood panel ceiling canopies as shown on contract documents.
23. Include rework of the existing ceiling grid and tiles in rooms A121, A128 & A145 as a result of the new soffit being installed.

24. Include the temporary ACT in the temp admin/guidance suite per 2/PH3A.
25. Provide temporary ACT ceilings in the temporary egress corridors shown on the phasing plan even if not specifically called out. Utilize ACT-1 for temporary ceilings.

2. Description of Work Excluded

Gypsum board ceilings and soffits

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:

Gilbane Project Manual  
All Division 01 – General Requirements  
095113 Acoustic Panel and Wire Ceilings  
095423 Linear Metal Ceilings  
095429 Wood Panel Ceiling Canopies  
102123 Cubicles

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

**N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 09E PAINTING & WALLCOVERING – SBE Set-Aside**

**NOTE THAT THIS BID PACKAGE HAS BEEN SET ASIDE FOR SMALL BUSINESS ENTERPRISE (SBE)  
BIDS ONLY. BIDS BY NON-SBE CONTRACTORS WILL BE REJECTED.**

**PRE-BID CONFERENCE:**    **October 11, 2011**  
**TIME:**                            **3:00 PM**

**PROPOSAL DUE DATE:**    **November 1, 2011**  
**TIME:**                            **2:00 PM**

**LOCATION:**    **HC Wilcox Technical School**  
                  **298 Oregon Road**  
                  **Meriden, CT 06451**

**LOCATION:**    **Gilbane Building Company**  
                  **208 New London Turnpike**  
                  **Glastonbury, CT 06033**

**DEADLINE FOR SUBMISSION OF QUESTIONS:**    **October 25, 2011**

**To:**    Gilbane Building Company  
          208 New London Turnpike  
          Glastonbury, CT 06033  
          Attention: Patrick J. Delany, District Chief Purchasing Agent

**FIRM NAME:**

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ the undersigned

**A.**    Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Painting & Wallcovering** work herein described as Bid Package **No. 09E** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.**    All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of

\_\_\_\_\_ Dollars (\$) \_\_\_\_\_ ).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

C. Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

D. The above price includes all stipulations and requirements of the following Supplements:

- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

1. Anticipated Date of Contract Award: ..... January 19, 2012
2. Commence Shop Drawings and Submittals..... January 19, 2012
3. Commence Work for the Proposal:..... October 26, 2012
4. Bid Package Substantial Completion:..... August 7, 2014
5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___



**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

1. The Bidder will endeavor to obtain a minimum goal of twenty-five percent (25%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.
2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.
3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. **IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.**

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

**UNIT PRICES:**

- |     |   |          |     |
|-----|---|----------|-----|
| 1.  | Interior/Exterior Block Fill (099120, 2.3, A).....                  | \$ _____ | /SF |
| 2.  | Exterior Concrete and Masonry Primer (099120, 2.4, A).....          | \$ _____ | /SF |
| 3.  | Exterior Ferrous Metal Primer (099120, 2.B).....                    | \$ _____ | /SF |
| 4.  | Interior Concrete and Masonry Primer (099120, 2.5, A).....          | \$ _____ | /SF |
| 5.  | Interior Gypsum Wallboard Primer (099120, 2.5, B).....              | \$ _____ | /SF |
| 6.  | Interior Ferrous Metal Primer (099120, 2.5, C).....                 | \$ _____ | /SF |
| 7.  | Interior Non-Ferrous Metal Primer (099120, 2.5, D).....             | \$ _____ | /SF |
| 8.  | Interior Plastic Primer (099120, 2.E).....                          | \$ _____ | /SF |
| 9.  | Exterior Full-Gloss Acrylic Enamel (099120, 2.6, A).....            | \$ _____ | /SF |
| 10. | Exterior Semi-Gloss Acrylic Enamel (099120, 2.6, B).....            | \$ _____ | /SF |
| 11. | Exterior Flat Acrylic Enamel (099120, 2.6, C).....                  | \$ _____ | /SF |
| 12. | Interior Flat Acrylic Paint (099120, 2.7, A).....                   | \$ _____ | /SF |
| 13. | Interior Low-Luster Acrylic Enamel (099120, 2.7, B).....            | \$ _____ | /SF |
| 14. | Interior Semi-Gloss Acrylic Enamel (099120, 2.7, C).....            | \$ _____ | /SF |
| 15. | Interior Semi-Gloss Epoxy Resin (099120, 2.7, D).....               | \$ _____ | /SF |
| 16. | Interior Full-Gloss Acrylic Enamel (099120, 2.7, E).....            | \$ _____ | /SF |
| 17. | Interior Full-Gloss Industrial Acrylic Enamel (099120, 2.7, F)..... | \$ _____ | /SF |
| 18. | Multicolor Coating Base Coat (099419, 2.3, A).....                  | \$ _____ | /SF |

19. Multicolor Coating Pattern Coat (099419, 2.3, A) ..... \$ \_\_\_\_\_ /SF

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site,

applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

**ALLOWANCES:**

- 100 man-hours of premium time portion of the labor rate to accelerate work in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to maintain the schedule and that this allowance will not be used for that purpose.

Painter Journeyman..... \$ \_\_\_\_\_/Hr X 90 = \$ \_\_\_\_\_  
 Painter Foreman ..... \$ \_\_\_\_\_/Hr X 10 = \$ \_\_\_\_\_  
 Total..... \$ \_\_\_\_\_

- 200 man-hours and 50 gallons of Interior Low-Luster Acrylic Enamel (099120, 2.7, B) for touch-up painting of damages caused by others. This allowance will not be utilized to correct defective work by this Trade Contractor.

Painter Journeyman..... \$ \_\_\_\_\_/Hr X 200 = \$ \_\_\_\_\_  
 Interior Low-Luster Acrylic Enamel ..... \$ \_\_\_\_\_/Gal X 50 = \$ \_\_\_\_\_  
 Total..... \$ \_\_\_\_\_

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

- COST BREAKDOWN**

Total Material ..... \$ \_\_\_\_\_  
 Total Labor Cost ..... \$ \_\_\_\_\_  
 Total Subcontractor/Equipment Cost..... \$ \_\_\_\_\_  
 Total Applicable Sales and Use Taxes..... \$ \_\_\_\_\_  
 Allowances..... \$ \_\_\_\_\_  
 Total Bond Cost ..... \$ \_\_\_\_\_  
 Total Bid ..... \$ \_\_\_\_\_  
 Total Estimated On-Site Manhours..... \_\_\_\_\_

- QUANTITY BREAKDOWN** (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Safety	L.S	\$ _____
Exterior Flat Surfaces Paint	_____ SF	\$ _____

Item	Quantity	Total Cost
Exterior Metals Paint	_____ SF	\$ _____
Interior Walls & Ceilings	_____ SF	\$ _____
Multicolor Interior Finishing	_____ SF	\$ _____
Floor Sealer	_____ SF	\$ _____
Allowances	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____

**L. SCOPE OF WORK**

1. Description of Work Included

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

**GENERAL**

- 1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.
- 2. Retainage of 7.5% is intended to be withheld until Substantial Completion however "partial payments may be made if agreed to by the DCS and Gilbane."
- 3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.

4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor's responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.

16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.
24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow

- removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
  27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.
  28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
  29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
  30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
  31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
  32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
  33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
  34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.
  35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect's response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.

36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor’s SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.
39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor’s responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor’s project manager and field supervisor.
41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license costs is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor’s scope of work, inclusive of Division 0 and Division 1 specifications.
44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period



regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.

45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Provide all labor, material, equipment, and services required to complete all painting work, including but not limited to the painting of drywall ceilings, exposed structure, soffits and walls, floors, doors and frames, CMU, and exposed steel in accordance with the drawings and specifications and as indicated herein.
2. Provide all work as specified in the following Specification Sections and as shown on the drawings (all drawings). The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:  
099120 PAINTING  
099419 MULTICOLOR INTERIOR FINISHING  
In addition, the Trade Contractor shall provide work specified elsewhere in the
4. Paint hollow metal frames, hollow metal doors and side lites.
5. Paint exposed miscellaneous metals including exterior steel rails, guardrails, stair pans roof ladders, pit ladder and ships ladder that do not have factory applied finish.
6. Paint steel structures including canopy steel, columns, beams, tees, tubes brackets and channels.
7. Paint wood base and chair rail that does not call for a shop applied finish.

8. Paint exposed access panels and electrical panels as installed by other trades.
9. Paint reveals, light coves and soffits in drywall partitions and ceilings.
10. Protect all adjacent work and finishes from over-spray. All costs generated by the failure to meet this requirement shall be the responsibility of this Trade Contractor. Remove protection from area after completion and repair all damaged areas as necessary and/or required. Also include protection of workers and property.
11. Notify the Construction Manager upon completion of each coat so the Construction Manager can inspect, confirm and record that the work was completed. Each coat must be verified by the Construction Manager prior to applying subsequent coats. Failure to obtain approval before proceeding will require this Trade Contractor to apply additional coats as directed by the Construction Manager.
12. Provide and maintain all supplemental lighting and fans that may be required to complete this work.
13. Coordinate painting of doors and frames with door/hardware installer.
14. Provide caulking around door frames, wood base and chair rail and any standing or running trim.
15. Store and/or dispose of any hazardous waste(s), as may be generated during the course of the painting activities, in accordance with all applicable federal, state and local regulations and with Project Safety Plan.
16. Spot paint with appropriate sealer for marks that can bleed through final finish. Touch up all pre-primed items as recommended by the painting manufacturer.
17. Do not paint over any fire rating labels or equipment. If tape is used to protect labels during painting, tape shall be removed immediately after painting. Remove all factory-installed protection or tape over equipment and door/ frame labels to expose after finish painting. Protect and remove protection of sprinkler heads, heat detectors, lights, etc during painting process.
18. Prior to starting work, inspect surfaces to receive painting and report any deficiencies in writing to the Construction Manager. No additional costs will be paid to this Trade Contractor resulting from failure to make such notification and the starting of painting work will be construed as acceptance of surfaces and conditions.
19. Any conflict between finish schedule, drawings and Specifications, the higher quality and quantity of the two will prevail.
20. Coordinate with all trades whose work precedes and/or follows the Work of this bid package to ensure appropriate sequencing of the Work. All costs associated corrective work required due to the lack of coordination by this Trade Contractor shall be borne by this Trade Contractor.

21. In renovation areas assume entire room to be repainted if work occurs in that room. Room untouched by renovation work shall not receive new paint unless noted on the finish schedule or herein.
22. See Note 1 on A10.01, include repainting of all hollow metal doors and frames accordingly.

2. Description of Work Excluded

1. Painting of shop/factory finished materials

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:  
    Gilbane Project Manual  
    All Division 01 – General Requirements  
        099120      PAINTING  
        099419      MULTICOLOR INTERIOR FINISHING
2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

**N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

O. The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation

**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_

**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 10A Signage**

**PRE-BID CONFERENCE:**   **October 11, 2011**  
**TIME:**                           **3:00 PM**

**PROPOSAL DUE DATE:**   **November 1, 2011**  
**TIME:**                           **2:00 PM**

**LOCATION:**   **HC Wilcox Technical School**  
                  **298 Oregon Road**  
                  **Meriden, CT 06451**

**LOCATION:**   **Gilbane Building Company**  
                  **208 New London Turnpike**  
                  **Glastonbury, CT 06033**

**DEADLINE FOR SUBMISSION OF QUESTIONS:**   **October 25, 2011**

**To:**   Gilbane Building Company  
          208 New London Turnpike  
          Glastonbury, CT 06033  
          Attention: Patrick J. Delany, District Chief Purchasing Agent

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

the undersigned

**A.**   Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Signage Work** herein described as Bid Package **No. 10A** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.**   All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of \_\_\_\_\_ Dollars (\$) \_\_\_\_\_).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

**C.**   Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to

execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

**D. The above price includes all stipulations and requirements of the following Supplements:**

- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... December 3, 2012
- 4. Bid Package Substantial Completion:..... August 4, 2014
- 5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

- 1. The Bidder will endeavor to obtain a portion of the awarded amount from small business enterprises and minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.

2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.
3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

**UNIT PRICES:**

1. 4" x 8" Panel Sign..... \$ \_\_\_\_\_ /EA
2. 4" x 4" Panel Sign..... \$ \_\_\_\_\_ /EA

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.



**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

1. 100 4" x 8" Panel Signs for temporary signage and additional permanent signs as requested by the Construction Manager.  
4" x 8" Panel Sign.....\$ \_\_\_\_\_/EA X 100 = \$ \_\_\_\_\_

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. COST BREAKDOWN

Total Material .....\$ \_\_\_\_\_  
Total Labor Cost .....\$ \_\_\_\_\_  
Total Subcontractor/Equipment Cost.....\$ \_\_\_\_\_  
Total Applicable Sales and Use Taxes.....\$ \_\_\_\_\_  
Allowances.....\$ \_\_\_\_\_  
Total Bond Cost .....\$ \_\_\_\_\_  
Total Bid .....\$ \_\_\_\_\_  
Total Estimated On-Site Manhours ..... \_\_\_\_\_

2. **QUANTITY BREAKDOWN** (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Safety	L.S.	\$ _____
Panel Signs	_____ EA.	\$ _____
Electronic Message Signage	_____ EA	\$ _____
Plaques	_____ EA	\$ _____
Allowances	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____

**L. SCOPE OF WORK**

1. Description of Work Included

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

**GENERAL**

- 1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.

2. Retainage of 7.5% is intended to be withheld until Substantial Completion however “partial payments may be made if agreed to by the DCS and Gilbane.”
3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor’s responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.

14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks

- to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.
24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
  25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
  26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
  27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.
  28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
  29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
  30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
  31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
  32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
  33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
  34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.

35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect’s response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor’s SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.
39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor’s responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor’s project manager and field supervisor.
41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license costs is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or

service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.

44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Provide all labor, materials, equipment and services required to complete all interior and exterior building signage work, exterior electronic messaging signage and all related accessories and frames.
2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:  
101400 Signage  
101463 Electronic Message Signage  
In addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.
3. Coordinate all signage work with surrounding construction, examine the substrates and conditions under which the signs are to be installed and notify the Construction Manager of any conflicts, concerns or discrepancies prior to installation.
4. Provide all adhesives, miscellaneous supports, closures, trim, fasteners and attachments as necessary for the proper installation of this work.

5. Provide a complete submittal package to obtain the Architect's approval and deliver their equipment and material to the required point of use in a timely manner so as to maintain the project schedule as prepared by the Construction Manager. Submit samples of each type of sign and each color finish. Submit instructions for and details of attachment methods for actual project substrates.
6. Install signs level, plumb and at the proper heights to comply with ADA requirements.
7. This Trade Contractor shall provide his own means of installation. This Trade Contractor shall include all costs associated with complying with the Project Safety Plan.
8. All deliveries and storage areas must be coordinated with the Construction Manager. This Trade Contractor is responsible for any measures to ensure the protection and security of his materials and to move materials if they are interfering with the progress of other trades.
9. This work may be installed after other finishes have been completed. This Trade Contractor shall exercise extreme care not to damage completed work. Clean area of your debris and drill material immediately and dispose into a dumpster provided by others. Provide protection of adjacent surfaces and materials while performing this scope of work. All costs generated by the failure to meet this requirement shall be the responsibility of this Trade Contractor. Remove protection from area after completion and repair all damaged areas as necessary and/or required. Provide and maintain protection for all equipment and material provided under this contract. Refinish/touch up any surfaces damaged during construction and protect all existing construction adjacent to the work of this bid package. Also include protection of workers and property.
10. This Trade Contractor is instructed to carefully review all drawings and specifications for related work within other specifications and on the drawings which is required to provide a complete Scope of Work in accordance with the plans and specifications.
11. Provide all sealants and caulking required within the work of this bid package, and between this work and the work of other Trade Contractors. Joint sealant is to be custom color. Caulking and sealants shall be in accordance with Section 079200 Joint Sealants.
12. Provide all blocking exterior of drywall assemblies as required for your work. All work shall be in accordance with specification section 06 10 00 Rough Carpentry. Blocking within drywall assemblies will be provided by the Drywall Trade Contractor contingent on timely receipt of approved signage shop drawings showing the precise locations of required blocking. This Trade Contractor shall include all blocking and anchoring required at all other surfaces aside from drywall.
13. Shop drawings shall be fabrication drawings that show the full extent of how each item is to be fabricated and installed in every detail.
14. Provide field cutouts and grommets required for all MEP items installed in or through signage. Any signage that requires an electrical connection shall be provided complete with whips and connections that coordinate with what is being provided by the Electrical Trade Contractor.
15. Provide all trim scribes, fillers, shims, fasteners, brackets and standards necessary to provide complete installation.



16. Work with any scratches, marks, dents, or other deformations will not be accepted. Onsite repair procedures must be pre-approved by the architect. Items with unacceptable repair or deformations shall be removed and replaced. Unacceptable work shall not be removed until receipt of an acceptable replacement.
17. In the event of conflicts between the Sign Schedule (located on the door and frame schedule) and/or the drawings and/or the Specifications, the higher quantity and degree of finish shall prevail. Advise the Construction Manager of discrepancies immediately.
18. Provide all signs included in the remarks section of the door and frame schedule.
19. Provide communication wire from site electronic message sign back to data room. Conduit for communication wire, conduit for power and power wiring by bid package 26A.
20. Provide full size paper signs replicating the actual sign at all locations to receive new signage. Install paper signs at the permanent signage location for review and approval of the Architect and code officials. Once approval is received, replace paper signs with permanent signs.

2. Description of Work Excluded

1. Traffic Signage per specification 101401 by bid package 31A
2. Electrical and data connections
3. Electronic sign masonry

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:  
Gilbane Project Manual  
All Division 01 – General Requirements  
101400 Signage  
101463 Electronic Message Signage
2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

**N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 10B Toilet Compartment & Accessories**

**PRE-BID CONFERENCE:** October 11, 2011  
**TIME:** 3:00 PM

**PROPOSAL DUE DATE:** November 1, 2011  
**TIME:** 2:00 PM

**LOCATION:** HC Wilcox Technical School  
298 Oregon Road  
Meriden, CT 06451

**LOCATION:** Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033

**DEADLINE FOR SUBMISSION OF QUESTIONS:** October 25, 2011

**To:** Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033  
Attention: Patrick J. Delany, District Chief Purchasing Agent

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

the undersigned

**A.** Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Toilets Compartments & Accessories Work** herein described as Bid Package No. **10B** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.** All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of

\_\_\_\_\_ Dollars (\$) \_\_\_\_\_).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

**C.** Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the

undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

**D. The above price includes all stipulations and requirements of the following Supplements:**

- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... November 16, 2012
- 4. Bid Package Substantial Completion:..... July 29, 2014
- 5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

- 1. The Bidder will endeavor to obtain a minimum goal of five percent (5%) of the awarded amount to small business enterprises, with five percent (5%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.

2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.

3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

**UNIT PRICES:**

- 1. Toilet tissue (1) ..... \$ \_\_\_\_\_ /EA.
- 2. Soap Dispenser (2)..... \$ \_\_\_\_\_ /EA
- 3. Emergency Pull String ..... \$ \_\_\_\_\_ /EA
- 4. 18” Grab Bar (5) ..... \$ \_\_\_\_\_ /EA
- 5. 24” Grab Bar ..... \$ \_\_\_\_\_ /EA
- 6. 30” Grab Bar ..... \$ \_\_\_\_\_ /EA
- 7. 36” Grab Bar ..... \$ \_\_\_\_\_ /EA
- 8. Swing Up Grab Bar (6) ..... \$ \_\_\_\_\_ /EA
- 9. Sanitary Napkin Disposal Unit (Surface Mounted) (7A)..... \$ \_\_\_\_\_ /EA
- 10. Sanitary Napkin Disposal Unit (Partition Mounted) (7B) ..... \$ \_\_\_\_\_ /EA
- 11. Paper Towel Dispense & Waste Receptacle Unit (8) ..... \$ \_\_\_\_\_ /EA
- 12. Framed Mirror (9) ..... \$ \_\_\_\_\_ /EA

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

None.

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. **COST BREAKDOWN**

Total Material .....	\$ _____
Total Labor Cost .....	\$ _____
Total Subcontractor/Equipment Cost.....	\$ _____
Total Applicable Sales and Use Taxes.....	\$ _____
Allowances.....	\$ _____
Total Bond Cost .....	\$ _____
Total Bid .....	\$ _____
Total Estimated On-Site Manhours .....	_____

2. **QUANTITY BREAKDOWN** (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Safety	L.S.	\$ _____
Toilet tissue (1)	_____ EA	\$ _____
Soap Dispenser (2)	_____ EA	\$ _____
Emergency Pull String	_____ EA	\$ _____
Grab Bars (5)	_____ EA	\$ _____
Swing Up Grab Bar (6)	_____ EA	\$ _____
Sanitary Napkin Disposal Unit (Surface Mounted) (7A)	_____ EA	\$ _____
Sanitary Napkin Disposal Unit (Partition Mounted) (7B)	_____ EA	\$ _____
Paper Towel Dispense & Waste Receptacle Unit (8)	_____ EA	\$ _____
Framed Mirror (9)	_____ EA	\$ _____
Custodial Accessories	L.S.	\$ _____
Compartments	L.S.	\$ _____
Allowances	L.S.	\$ _____
Daily Clean-up	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____

**L. SCOPE OF WORK**

1. **Description of Work Included**

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.



- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

### **GENERAL**

1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.
2. Retainage of 7.5% is intended to be withheld until Substantial Completion however "partial payments may be made if agreed to by the DCS and Gilbane."
3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor's responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the

existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.

8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.

21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.
24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.
28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.

31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.
35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect's response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor's SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.
39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor's responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times.

This will be included as part of the initial orientation process but must be reinforced by the trade contractor's project manager and field supervisor.

41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license costs is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.
44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Provide all labor, materials, equipment and services required to complete all toilet compartments, toilet partitions, changing compartments and toilet and bath accessories in accordance with the Contract Documents.
2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:  
10 2113 Toilet Compartments  
10 2800 Toilet & Bath Accessories  
In addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.
3. Coordinate work with surrounding construction and notify the Construction Manager of any conflicts prior to installation.
4. Remove all protective coatings and stickers from all work installed prior to final cleaning.
5. Provide a Code compliant installation of all partitions and accessories. Review all clearances and accessory mounting heights prior to installation. Complete mock up of each typical installation for approval by the Construction Manager and AHJ. Notify the Construction Manager immediately upon discovery of any non-compliant issues.
6. Field measure all partitions and provide dimensioned shop drawings to ensure proper fit.
7. Provide all accessories, whether they are in toilet rooms or not, such as framed mirrors and custodial accessories shown on the Interior Elevations and other similar plans and Elevations throughout the Drawings. (Unframed mirrors are by the Glass and Glazing Trade Contractor)

2. Description of Work Excluded

1. Frameless Mirrors
2. Blocking
3. Final Cleaning

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:  
Gilbane Project Manual  
All Division 01 – General Requirements  
10 2113 Toilet Compartments  
10 2800 Toilet & Bath Accessories

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

## **N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:

\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.



**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 10C Accordion Folding Partitions**

**PRE-BID CONFERENCE:** October 11, 2011  
**TIME:** 3:00 PM

**PROPOSAL DUE DATE:** November 1, 2011  
**TIME:** 2:00 PM

**LOCATION:** HC Wilcox Technical School  
298 Oregon Road  
Meriden, CT 06451

**LOCATION:** Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033

**DEADLINE FOR SUBMISSION OF QUESTIONS:** October 25, 2011

**To:** Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033  
Attention: Patrick J. Delany, District Chief Purchasing Agent

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

the undersigned

**A.** Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Accordion Folding Partitions Work** herein described as Bid Package No. 10C as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.** All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of

\_\_\_\_\_ Dollars (\$) \_\_\_\_\_).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

**C.** Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the

undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

**D. The above price includes all stipulations and requirements of the following Supplements:**

- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... May 8, 2013
- 4. Bid Package Substantial Completion:..... July 29, 2013
- 5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

- 1. The Bidder will endeavor to obtain participation from small business enterprise and minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.

2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.

3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

**UNIT PRICES:**

None.

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

None.

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. COST BREAKDOWN

Total Material .....	\$ _____
Total Labor Cost .....	\$ _____
Total Subcontractor/Equipment Cost.....	\$ _____
Total Applicable Sales and Use Taxes.....	\$ _____
Allowances.....	\$ _____
Total Bond Cost .....	\$ _____
Total Bid .....	\$ _____
Total Estimated On-Site Manhours .....	_____

## **L. SCOPE OF WORK**

### **1. Description of Work Included**

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

### **GENERAL**

1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.
2. Retainage of 7.5% is intended to be withheld until Substantial Completion however "partial payments may be made if agreed to by the DCS and Gilbane."
3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor's responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.

5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.

18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.
24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.



28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
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31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
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36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor's SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.

39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor's responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor's project manager and field supervisor.
41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license costs is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.
44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).

46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Provide all labor, materials, equipment and services required to complete all accordion folding partition related work. The work includes, but is not limited to, all supports, hardware and installation labor and material in accordance with the Contract Documents.
2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:  
102226.13 Accordion Folding Partitions  
In addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.
3. Coordinate all accordion partition with surrounding construction and notify the Construction Manager of any conflicts prior to installation. Accordion partitions are not to be fabricated prior to approval of shop drawings and completion of field measurements.
4. Coordinate requirements for support with the BP05A Trade Contractor. The BP05A Trade Contractor will provide only the steel shown on the Contract Documents. Provide any supplemental steel or blocking not shown on drawings required to support the accordion partition.
5. Furnish all requirements for bolt holes to the BP05A Trade Contractor in a timely manner during the submittal process. Failure to provide the information in time for the BP05A Trade Contractor punch the holes in its shop will result in this Trade Contractor being responsible to field drill/punch the steel as required for partition assembly attachment.
6. Provide masonite to protect the multipurpose room floor when installing the equipment. Floor protection to be installed in all areas where work is occurring including access to and from the work areas. Lifts or equipment shall not be permitted directly on the finished floor.

2. Description of Work Excluded

1. Wood trim around receiver

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:

Gilbane Project Manual  
All Division 01 – General Requirements  
102226.13 Accordion Folding Partitions

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

**N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 10D Lockers**

**PRE-BID CONFERENCE:**   **October 11, 2011**  
**TIME:**                           **3:00 PM**

**PROPOSAL DUE DATE:**   **November 1, 2011**  
**TIME:**                           **2:00 PM**

**LOCATION:**   **HC Wilcox Technical School**  
                  **298 Oregon Road**  
                  **Meriden, CT 06451**

**LOCATION:**   **Gilbane Building Company**  
                  **208 New London Turnpike**  
                  **Glastonbury, CT 06033**

**DEADLINE FOR SUBMISSION OF QUESTIONS:**   **October 25, 2011**

**To:**   Gilbane Building Company  
          208 New London Turnpike  
          Glastonbury, CT 06033  
          Attention: Patrick J. Delany, District Chief Purchasing Agent

**FIRM NAME:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ the undersigned

**A.**   Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Locker** work herein described as Bid Package No. **10D** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.**   All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of \_\_\_\_\_ Dollars (\$ \_\_\_\_\_).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

**C.**   Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to

execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

**D. The above price includes all stipulations and requirements of the following Supplements:**

- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... December 3, 2012
- 4. Bid Package Substantial Completion:..... July 29, 2014
- 5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

- 1. The Bidder will endeavor to obtain a minimum goal of five percent (5%) of the awarded amount to small business enterprises, with five percent (5%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.



2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.

3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

**UNIT PRICES:**

- 1. Full Frame Double Tier Locker .....\$ \_\_\_\_\_ /EA
- 2. Benches .....\$ \_\_\_\_\_ /LF

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

None.

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. **COST BREAKDOWN**

Total Material ..... \$ \_\_\_\_\_  
Total Labor Cost ..... \$ \_\_\_\_\_  
Total Subcontractor/Equipment Cost..... \$ \_\_\_\_\_  
Total Applicable Sales and Use Taxes..... \$ \_\_\_\_\_  
Allowances..... \$ \_\_\_\_\_  
Total Bond Cost ..... \$ \_\_\_\_\_  
Total Bid ..... \$ \_\_\_\_\_  
Total Estimated On-Site Manhours ..... \_\_\_\_\_

2. **QUANTITY BREAKDOWN** (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Safety	L.S.	\$ _____
Metal Lockers	_____ EA	\$ _____
Benches	_____ LF	\$ _____
Daily Clean-up	L.S.	\$ _____
Allowances	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____

**L. SCOPE OF WORK**

1. Description of Work Included

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

**GENERAL**

- 1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.
- 2. Retainage of 7.5% is intended to be withheld until Substantial Completion however "partial payments may be made if agreed to by the DCS and Gilbane."

3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor's responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site.

- This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
  16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
  17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
  18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
  19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
  20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
  21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
  22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
  23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.

24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.
28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.
35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect's response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The

- trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
  37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor’s SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
  38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.
  39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
  40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor’s responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor’s project manager and field supervisor.
  41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license costs is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
  42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
  43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor’s scope of work, inclusive of Division 0 and Division 1 specifications.
  44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not

commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.

45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Provide all labor, materials, equipment and services required to complete all locker work in accordance with the Contract Documents.
2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:  
10 5113 Metal Lockers  
In addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.
3. Provide double tier locker count as shown on Contract Documents. If conflict occurs in locker quantities, notify the Construction Manager and carry the highest number of lockers in this bid.
4. Coordinate work with surrounding construction and notify the Construction Manager of any conflicts prior to installation.
5. Remove all protective coatings and stickers from all work installed prior to final cleaning.
6. Coordinate locks with locker number plate and provide a master record journal to the Construction Manager. Documentation should be typed and provided in triplicate.
7. Openings and recesses for the lockers will be both gypsum and masonry. Coordination of the openings will be required by this trade contractor.



8. Provide any and all necessary fillers, tops, and end panels accordingly. See 12/A2.11 for a typical filler panel by BP10D. Include all similar details and work as required.

2. Description of Work Excluded
  1. Final Cleaning
  2. Use of elevator
  3. Lockers at portable classrooms (by BP13A)

## **M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:  
Gilbane Project Manual  
All Division 01 – General Requirements  
10 5113 Metal Lockers
2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

## **N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 11A Stage Curtains**

**PRE-BID CONFERENCE:**   **October 11, 2011**  
**TIME:**                           **3:00 PM**

**PROPOSAL DUE DATE:**   **November 1, 2011**  
**TIME:**                           **2:00 PM**

**LOCATION:**   **HC Wilcox Technical School**  
                  **298 Oregon Road**  
                  **Meriden, CT 06451**

**LOCATION:**   **Gilbane Building Company**  
                  **208 New London Turnpike**  
                  **Glastonbury, CT 06033**

**DEADLINE FOR SUBMISSION OF QUESTIONS:**   **October 25, 2011**

**To:**   Gilbane Building Company  
          208 New London Turnpike  
          Glastonbury, CT 06033  
          Attention: Patrick J. Delany, District Chief Purchasing Agent

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ the undersigned

**A.**   Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Stage Curtains** work herein described as Bid Package **No. 11A** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.**   All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of \_\_\_\_\_ Dollars (\$) \_\_\_\_\_).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

**C.**   Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to

execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

**D. The above price includes all stipulations and requirements of the following Supplements:**

- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... March 29, 2012
- 4. Bid Package Substantial Completion:..... May 15, 2012
- 5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

- 1. The Bidder will endeavor to obtain participation from small business enterprise and minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.

2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.

3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

UNIT PRICES:

None

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

1. None

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. COST BREAKDOWN

Total Material ..... \$ \_\_\_\_\_  
Total Labor Cost ..... \$ \_\_\_\_\_  
Total Subcontractor/Equipment Cost..... \$ \_\_\_\_\_  
Total Applicable Sales and Use Taxes..... \$ \_\_\_\_\_  
Allowances..... \$ \_\_\_\_\_  
Total Bond Cost ..... \$ \_\_\_\_\_  
Total Bid ..... \$ \_\_\_\_\_  
Total Estimated On-Site Manhours ..... \_\_\_\_\_

2. QUANTITY BREAKDOWN (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Safety	LS	\$ _____
Stage Curtains	_____ EA	\$ _____
Supplemental Structural Support	LS	\$ _____
Valance, Travelers, Borders & Legs	LS	\$ _____
Allowances	LS	\$ _____
Other	LS	\$ _____
Total Bid	LS	\$ _____

**L. SCOPE OF WORK**

1. Description of Work Included

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

**GENERAL**

1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.
2. Retainage of 7.5% is intended to be withheld until Substantial Completion however "partial payments may be made if agreed to by the DCS and Gilbane."



3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor's responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site.

- This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
  16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
  17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
  18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
  19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
  20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
  21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
  22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
  23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.

24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.
28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.
35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect's response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The

- trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
  37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor’s SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
  38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.
  39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
  40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor’s responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor’s project manager and field supervisor.
  41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license costs is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
  42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
  43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor’s scope of work, inclusive of Division 0 and Division 1 specifications.
  44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not

commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.

45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Provide all labor, materials, equipment and services required to complete all stage curtains and all related accessories.
2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:  
116143 Stage Curtains  
In addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.
3. Review the curtain schedule of specification 116143 and the existing equipment onsite prior to submitting a bid. If new hardware is required in lieu of reusing existing, it is the responsibility of this bid package to provide the new hardware as part of your base bid.
4. Provide demolition and removal of all existing stage curtains and rigging as required by the specifications and field conditions. Coordinate with BP26A electrical for de-energize and make-safe work prior to the commencement of the removal work.
5. Provide all supplemental steel and/or blocking required for installation of all the stage curtain components. Become familiar with existing building conditions. Any additional structural components required are the responsibility of this bid package.
6. Coordinate all work with surrounding construction and notify the Construction Manager of any conflicts prior to installation.

7. Curtains shall not be hung until final cleaning of the area is complete.
8. This Trade Contractor is responsible to participate in all MEP coordination meetings which cover work in the stage area. Stay informed of meeting schedule. This bid package also includes verifying that the electric service requirements shown on the Contract Documents are adequate and proper for the stage equipment scheduled to be used and installed.

2. Description of Work Excluded

1. Stage Lighting by bid package 26A

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:

Gilbane Project Manual  
All Division 01 – General Requirements  
116143 Stage Curtains

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

**N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 12A – Lab Casework**

**PRE-BID CONFERENCE:**   **October 11, 2011**  
**TIME:**                           **3:00 PM**

**PROPOSAL DUE DATE:**   **November 1, 2011**  
**TIME:**                           **2:00 PM**

**LOCATION:**   **HC Wilcox Technical School**  
                  **298 Oregon Road**  
                  **Meriden, CT 06451**

**LOCATION:**   **Gilbane Building Company**  
                  **208 New London Turnpike**  
                  **Glastonbury, CT 06033**

**DEADLINE FOR SUBMISSION OF QUESTIONS:**   **October 25, 2011**

**To:**   Gilbane Building Company  
          208 New London Turnpike  
          Glastonbury, CT 06033  
          Attention: Patrick J. Delany, District Chief Purchasing Agent

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ the undersigned

**A.**   Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Lab Casework** work herein described as Bid Package **No. 12A** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.**   All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of \_\_\_\_\_ Dollars (\$) \_\_\_\_\_).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

**C.**   Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to

execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

**D. The above price includes all stipulations and requirements of the following Supplements:**

- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... September 3, 2013
- 4. Bid Package Substantial Completion:..... October 7, 2013
- 5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

1. The Bidder will endeavor to obtain a minimum goal of five percent (5%) of the awarded amount to small business enterprises, with five percent (5%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.
2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.
3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. **IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.**

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

UNIT PRICES:

None.

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid.

As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

1. 48 man-hours of premium time labor to accelerate work in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to maintain the schedule and that this allowance will not be used for that purpose.

Carpenter Journeyman .....	\$ _____/Hr X 16 =	\$ _____
Laborer Journeyman .....	\$ _____/Hr X 32 =	\$ _____
Total .....		\$ _____

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. COST BREAKDOWN

Total Material .....\$ \_\_\_\_\_  
 Total Labor Cost .....\$ \_\_\_\_\_  
 Total Subcontractor/Equipment Cost.....\$ \_\_\_\_\_  
 Total Applicable Sales and Use Taxes.....\$ \_\_\_\_\_  
 Allowances.....\$ \_\_\_\_\_  
 Total Bond Cost .....\$ \_\_\_\_\_  
 Total Bid .....\$ \_\_\_\_\_  
 Total Estimated On-Site Manhours ..... \_\_\_\_\_

2. QUANTITY BREAKDOWN (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Safety	L.S.	\$ _____
Wood Laboratory Casework	LS	\$ _____
Epoxy Resin Countertops	_____ SF.	\$ _____
Fume Hoods	L.S.	\$ _____
Sinks and plumbing fixtures	_____ LS	\$ _____
Allowances	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____

**L. SCOPE OF WORK**

1. Description of Work Included

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

## GENERAL

1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.
2. Retainage of 7.5% is intended to be withheld until Substantial Completion however "partial payments may be made if agreed to by the DCS and Gilbane."
3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor's responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.

10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials

delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.

23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.
24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.
28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility



32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager’s Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.
35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect’s response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor’s SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.
39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor’s responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor’s project manager and field supervisor.
41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license costs is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014,

the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.

42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.
44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Provide all labor, materials, equipment and services required to complete all laboratory fume hoods, wood laboratory casework, filler panels, epoxy resin countertops, laboratory sinks, laboratory accessories, and fittings in accordance with the Contract Documents.

2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:  
115313 Laboratory Fume Hoods  
123553 Wood Laboratory Casework  
In addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.
3. All casework within the Science Classrooms or Prep Rooms is to be provided by this Trade Contractor.
4. Provide all flammable storage cabinets. See Equipment schedule and specification section 115000 for details.
5. Provide epoxy resin sinks S-6. Furnish plumbing fixtures including tailpiece for epoxy resin sinks to the plumbing contractor for installation.
6. Furnish laboratory gas, water, and electric service fittings to the plumbing/electrical contractor for installation.
7. Provide Science Demo tables per 8/A9.02 and all similar.
8. Provide Student science tables per 9/A9.02 and all similar.
9. Field measure all lab casework items prior to shop fabrication.
10. Provide all sealants and caulking required within the work of this bid package, and between this work and the work of other Trade Contractors. Caulking and sealants shall be in accordance with Section 079200 Joint Sealers.
11. Provide all blocking exterior of drywall or CMU required for the adequate fastening and support of your work. In-wall blocking will be provided by the Drywall Trade Contractor contingent on timely receipt of approved millwork shop drawings showing the precise locations of required blocking. All blocking within drywall partitions shall be fire treated wood, except where wood blocking will not fit due to other in-wall items. At such locations only, blocking shall be bent stock metal.
12. Provide all trim scribes, fillers, shims, fasteners, brackets, and standards necessary to provide a complete installation.
13. Provide glazing within your work.
14. All casework/millwork is to be back sealed and shop finished. Touchup in the field or refinish if necessary. All paint grade materials are to be provided with prime coat.
15. Protect installed work with cardboard. Clean surfaces and remove protection at substantial completion.
16. Provide all finish hardware as required for your work.
17. Provide all shelving and hanger rods contained within laboratory casework.

18. Shop drawings shall be fabrication drawings that show the full extent of how each item is to be fabricated and installed in every detail.
19. Coordinate deliveries, onsite storage, and lay down area with the Construction Manager.
20. At various intervals in the construction process, this trade contractor shall verify that the substructure that the woodwork is attached to, is within the tolerances of the specifications and advise Gilbane of any deviations, immediately. Failure to inform Gilbane, or discovering the problem after the millwork is fabricated will be the responsibility of this trade contractor to correct at no additional cost to the owner.
21. Verify and document humidity levels in the building are acceptable to install millwork.
22. Provide all hoisting, rigging, staging necessary to execute the scope of this bid package work.
23. Joint sealant shall be used exclusively as a filler of hairline seams at abutments of dissimilar materials. Sealant will not be permitted to be installed in lieu of properly joining and scribing this installation.
24. Remove and dispose of all packaging, bracing, protective coatings/ blankets, spacers, etc.
25. Work with any scratches, marks, dents, or other deformations will not be accepted. Onsite repair procedures must be pre-approved by the architect. Items with unacceptable repair or deformations shall be removed and replaced. Unacceptable work shall not be removed until receipt of an acceptable replacement.
26. Coordinate your installation and testing of fume hoods with MEP contractors.

2. Description of Work Excluded

1. Plastic laminate countertops (by 06A)
2. Solid surface countertops (by 06A)
3. Casework in Non scientific classrooms (by 06A)
4. Installation of plumbing fixtures for epoxy resin sinks

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:  
Gilbane Project Manual  
All Division 01 – General Requirements  
115313 Laboratory Fume Hoods  
123553 Wood Laboratory Casework

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

#### **N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:

\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 13A PORTABLE & MOBILE BUILDINGS**

**PRE-BID CONFERENCE:** October 11, 2011  
**TIME:** 3:00 PM

**PROPOSAL DUE DATE:** November 1, 2011  
**TIME:** 2:00 PM

**LOCATION:** HC Wilcox Technical School  
298 Oregon Road  
Meriden, CT 06451

**LOCATION:** Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033

**DEADLINE FOR SUBMISSION OF QUESTIONS:** October 25, 2011

**To:** Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033  
Attention: Patrick J. Delany, District Chief Purchasing Agent

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

the undersigned

**A.** Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Portable and Mobile Building** work herein described as Bid Package **No. 13A** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.** All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of

\_\_\_\_\_ Dollars (\$) ).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

**C.** Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the



undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

**D. The above price includes all stipulations and requirements of the following Supplements:**

- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... April 5, 2012
- 4. Bid Package Substantial Completion:..... July 3, 2012
- 5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

1. The Bidder will endeavor to obtain a minimum goal of ten percent (10%) of the awarded amount to small business enterprises, with six and one quarter percent (6.25%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.
2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.
3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. **IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.**

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

**UNIT PRICES:**

1. Electrical Outlet with 50' of wire tied to an adjacent outlet ..... \$ \_\_\_\_\_ /EA
2. Tel/Data Outlet with wiring back to data rack in data closet..... \$ \_\_\_\_\_ /EA

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small

tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

None

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. COST BREAKDOWN

Total Material .....	\$ _____
Total Labor Cost .....	\$ _____
Total Subcontractor/Equipment Cost.....	\$ _____
Total Applicable Sales and Use Taxes.....	\$ _____
Allowances.....	\$ _____
Total Bond Cost .....	\$ _____

Total Bid .....\$ \_\_\_\_\_  
 Total Estimated On-Site Manhours ..... \_\_\_\_\_

2. **QUANTITY BREAKDOWN** (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Safety	L.S.	\$ _____
Excavation and backfill work	L.S.	\$ _____
Concrete work	L.S.	\$ _____
Set-up and assembly	L.S.	\$ _____
“Rental” costs	L.S.	\$ _____
Portable classroom Building removal	L.S.	\$ _____
Allowances	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____

**L. SCOPE OF WORK**

1. Description of Work Included

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

**GENERAL**

- 1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. **ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE.**

Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.

2. Retainage of 7.5% is intended to be withheld until Substantial Completion however “partial payments may be made if agreed to by the DCS and Gilbane.”
3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor’s responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.

12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a

timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.

24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.
28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the

- format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.
35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect’s response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
  36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
  37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor’s SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
  38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.
  39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
  40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor’s responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor’s project manager and field supervisor.
  41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license costs is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
  42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.



43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.
44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Provide all labor, materials, equipment and services required to complete all work related to the fabrication, installation, owner use of units, and removal of the portable and mobile buildings. The work includes, but is not limited to, all design, engineering, approvals, excavation for foundations, foundations, site stairs & ramps, off-site fabrication, delivery and installation for a complete turnkey building in accordance with the Contract Documents. Also include the rental charges for the duration specified in the project schedule.
2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:  
133423.13 Portable and Mobile Buildings  
In addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.

3. The specifications and drawings related to this work are performance based only. The design, engineering, approvals and coordination are to be performed solely by this contractor.
4. Include all costs to provide a new electrical service, independent of the main building, fed from the power lines on Oregon Street to the switch/panel board for the portable classroom building. Include all conduit, wire, backboard, disconnects, excavation and backfill necessary, and any other components needed to install a complete new electrical service. Also include all utility company charges in your bid; electric consumption will be by Owner. At the conclusion of the project, when the portable classrooms are to be removed from the site, disconnect and complete remove this service back to the source as required.
5. The domestic water and sanitary sewer piping will be brought to the portable classroom building by the site contractor. The utilities will terminate beneath the buildings above grade in a location in line where shown on the contract drawings, just inside the skirting. Provide all piping below the buildings and final connections to the sanitary and water services. Provide insulation for domestic water and sanitary piping in unheated areas below the building down to grade. In addition, provide insulation for hot water piping in building, this is in addition to insulation required by specifications.
6. Provide heat tracing on all domestic water piping and fire sprinkler located in unheated areas including the crawl space beneath the buildings. Extend heat trace 3' -0" below grade. Include required power outlet or connection for heat tracing back to the nearest sub panel that has capacity.
7. Excavate for portable trailer footings and remove spoils to a stockpile location on site. Coordinate with Site Contractor.
8. See Spec Section 102800 for information on toilet and bath accessories. Provide specified products in quantity necessary for a complete installation. See Spec Section 105113 for additional information regarding metal lockers i.e. size.
9. Provide all site stairs and ramps as indicated on contract documents as well as any that are necessary to meet code requirements. Provide structural framing plan for stairs and ramps that is stamped by an engineer registered in the State of Connecticut.
10. Include the removal off-site disposal of the portable classroom building at the conclusion of the project in accordance with the project schedule. Foundations will be removed by others.

2. Description of Work Excluded

1. Underground Sanitary
2. Underground Domestic Water Service

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:

Gilbane Project Manual  
All Division 01 – General Requirements  
133423.13 Portable and Mobile Buildings

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

**N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 14A ELEVATORS**

**PRE-BID CONFERENCE:**    **October 11, 2011**  
**TIME:**                            **3:00 PM**

**PROPOSAL DUE DATE:**    **November 1, 2011**  
**TIME:**                            **2:00 PM**

**LOCATION:**    **HC Wilcox Technical School**  
                  **298 Oregon Road**  
                  **Meriden, CT 06451**

**LOCATION:**    **Gilbane Building Company**  
                  **208 New London Turnpike**  
                  **Glastonbury, CT 06033**

**DEADLINE FOR SUBMISSION OF QUESTIONS:**    **October 25, 2011**

**To:**    Gilbane Building Company  
          208 New London Turnpike  
          Glastonbury, CT 06033  
          Attention: Patrick J. Delany, District Chief Purchasing Agent

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ the undersigned

**A.**    Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Elevator** work herein described as Bid Package **No. 14A** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.**    All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of

\_\_\_\_\_ Dollars (\$) \_\_\_\_\_).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

**C.**    Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to

execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

**D. The above price includes all stipulations and requirements of the following Supplements:**

- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... July 8, 2013
- 4. Bid Package Substantial Completion:..... September 9, 2013
- 5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

- 1. The Bidder will endeavor to obtain participation from small business enterprises and minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.

2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.
3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

UNIT PRICES:

None

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid.

As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.



**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

1. 100 man-hours of premium time labor costs (premium portion only) to accelerate work in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to maintain the schedule and that this allowance will not be used for that purpose.  
Journeyman..... \$ \_\_\_\_\_/Hr X 100 = \$ \_\_\_\_\_
2. 100 man-hours of operator time to run the elevators as directed by the Construction Manager for deliveries and hoisting materials.  
Journeyman..... \$ \_\_\_\_\_/Hr X 100 = \$ \_\_\_\_\_

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. COST BREAKDOWN

Total Material ..... \$ \_\_\_\_\_  
Total Labor Cost ..... \$ \_\_\_\_\_  
Total Subcontractor/Equipment Cost..... \$ \_\_\_\_\_  
Total Applicable Sales and Use Taxes..... \$ \_\_\_\_\_

Allowances.....\$ \_\_\_\_\_  
 Total Bond Cost.....\$ \_\_\_\_\_  
 Total Bid.....\$ \_\_\_\_\_  
 Total Estimated On-Site Manhours..... \_\_\_\_\_

2. **QUANTITY BREAKDOWN** *(Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)*

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	L.S.	\$ _____
Safety	L.S.	\$ _____
Jack-hole drilling	L.S.	\$ _____
Elevator	L.S.	\$ _____
3 days platform use by other trades	L.S.	\$ _____
Daily Clean-up	L.S.	\$ _____
Allowances	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____

**L. SCOPE OF WORK**

1. Description of Work Included

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall **INCLUDE** all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

**GENERAL**

1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. **ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE.**

Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.

2. Retainage of 7.5% is intended to be withheld until Substantial Completion however “partial payments may be made if agreed to by the DCS and Gilbane.”
3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor’s responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.

12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a

timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.

24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.
28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction

Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.

35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect's response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor's SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.
39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor's responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor's project manager and field supervisor.
41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license costs is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.

43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.
44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Provide all labor, materials, equipment and services required to complete all Elevator work in accordance with the Contract Documents.
2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:  
142400 – Hydraulic Elevators  
In addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.
3. Provide an elevator that meets the requirements for the specifications and drawings for size, configuration, and location of the doors. In the event your product differs from the specified requirements and/or dimensions clearly identify each and every difference by

- listing the specified requirement/dimension and the deviation for your product. Attach this listing to the bid.
4. Provide your own means of installing work. No scaffolding or hoisting will be provided by others. Note site access and review schedule for coordination and sequencing with other trades.
  5. Provide and maintain protection of the passenger elevator cabs until accepted by the Owner/Construction Manager in accordance with the Contract Documents. Provide removal when requested by the Construction Manager.
  6. Provide all temporary hoist way lighting required during the execution of this bid package.
  7. Provide a diagnostic tool and software licensed to the Owner at no additional charge for the beneficial use of a third party.
  8. Identify the date that the permanent power is required for testing the elevator.
  9. Shaft safety barricades are by others. Remove and replace as required to execute your work.
  10. This Trade Contractor is responsible for any replacement and maintenance of Project Safety Plan and OSHA compliant protection (installed by others) at each elevator door opening that is required as a result of its removal to execute the scope of this bid package.
  11. Provide any steel that is integral with the construction of the elevator cab.
  12. Include in base bid (3) days of elevator platform use by other trades to complete interior shaftwall assemblies at each elevator. This is inclusive of the elevator operator(s) and shall be performed at the direction of the Construction Manager.
  13. Provide all through-penetration firestop systems for your work in accordance with specification section 078413. Provide all fire resistive joint systems for your work in accordance with specification section 078446. Firesafing and fire stopping at all penetrations through horizontal or vertical surfaces will be provided by this Trade Contractor. . The Construction Manager reserves the right to choose any of the specified firestopping materials. It is the Construction Manager's intent that all trades will use the same firestop product for their work.
  14. Coordinate all sleeves for penetrations through the shaftwall prior to the placement of concrete. Attend weekly trade meeting to coordinate the work.
  15. Provide coordination related to elevator sill depressions or preparations with the concrete contractor.
  16. Coordinate the fire alarm and telephone tie-in with the Electrical Trade Contractor. Programming requirements related to fire alarm device (primary, secondary, or alternate) shall be communicated in writing to the electrical contractor.



17. Provide a pre-inspection check list in advanced of the elevator inspection. The check list shall be presented at a weekly trade meeting to ensure all responsible parties understand the requirements. At least three weeks prior to any inspection provide a listing of open items, regardless of responsibility, that would need to be completed for the elevators to pass inspection.
18. Provide any additional steel beams, brackets, clip angles, plates, etc. required for this work which are not shown on the drawings, but required for a complete installaiton.
19. Furnish any and all concrete or masonry anchors required for the elevator installation. Installation will be by others. This information shall be communicated at the weekly trade contractor meetings.
20. Power wiring will be brought to the elevator controller by others. Make all connections at the controller and provide all further wiring on the elevator side of the controller.
21. Maintain and service the elevator systems until they are accepted by the Owner. Include costs for a full maintenance service for 12 months following the date of Substantial Completion as per Specification.
22. Finish Flooring will be provided by the flooring contractor. The elevator contractor shall provide access to the cab prior to inspection and turnover at no additional cost to the Owner. This work is not inclusive of any other allowances or scope requirements and shall be coordinated by the elevator contractor to ensure flooring is performed in advanced of the pre-inspection checklist.
23. Include costs to put into early operation and maintain the car with additional protection pads designated by Construction Manager to be used for material and equipment deliveries. The costs for an operator shall not be by this Trade Contractor. Warranty for temporary car shall start upon substantial completion of project.
24. Provide ALL necessary permits, licenses, and fees required in order to complete the work in this bid package and provide copies to the Construction Manager.

2. Description of Work Excluded

1. Pit Ladder
2. Hoist Beam
3. Cab Finish Flooring

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:  
Gilbane Project Manual  
All Division 01 – General Requirements  
142400 Hydraulic Elevators

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

**N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

O. The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation

**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_

**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 21A – Fire Protection**

**PRE-BID CONFERENCE:**   **October 11, 2011**  
**TIME:**                           **3:00 PM**

**PROPOSAL DUE DATE:**   **November 1, 2011**  
**TIME:**                           **2:00 PM**

**LOCATION:**   **HC Wilcox Technical School**  
                  **298 Oregon Road**  
                  **Meriden, CT 06451**

**LOCATION:**   **Gilbane Building Company**  
                  **208 New London Turnpike**  
                  **Glastonbury, CT 06033**

**DEADLINE FOR SUBMISSION OF QUESTIONS:**   **October 25, 2011**

**To:**   Gilbane Building Company  
          208 New London Turnpike  
          Glastonbury, CT 06033  
          Attention: Patrick J. Delany, District Chief Purchasing Agent

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ the undersigned

**A.**   Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Fire Protection Work** herein described as Bid Package **No. 21A** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.**   All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of \_\_\_\_\_ Dollars (\$) \_\_\_\_\_).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

**C.**   Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to

execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

**D. The above price includes all stipulations and requirements of the following Supplements:**

- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... January 25, 2012
- 4. Bid Package Substantial Completion:..... July 30, 2014
- 5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
Sprinkler Design	_____ EMR:___
Sprinkler Fabrication	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

- 1. The Bidder will endeavor to obtain a minimum goal of ten percent (10%) of the awarded amount to small business enterprises, with ten percent (10%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.

2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.

3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

**UNIT PRICES:**

- 1. Concealed ceiling sprinkler with swing joint, 10' pipe, tap into main ..... \$ \_\_\_\_\_ /EA
- 2. Sidewall Sprinkler with 10' pipe, tap into main..... \$ \_\_\_\_\_ /EA
- 3. Pendent sprinkler with 10' pipe, tap into main..... \$ \_\_\_\_\_ /EA
- 4. Sprinkler head guard ..... \$ \_\_\_\_\_ /EA
- 5. Core Drilling – up to 6" dia..... \$ \_\_\_\_\_ /EA
- 6. 1" schedule 40 black pipe..... \$ \_\_\_\_\_ /LF

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost.

Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

1. 200 man-hours of premium time portion of the labor rate to accelerate work in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to maintain the schedule and that this allowance will not be used for that purpose.

Journeyman.....	\$ _____/Hr X 180 =	\$ _____
Foreman.....	\$ _____/Hr X 20 =	\$ _____
Total.....		\$ _____

2. 40 man-hours and 100 LF of 1" schedule 40 pipe for use as directed by the Construction Manager to replace any/all of the existing sprinkler equipment; typically marked as existing to remain

Journeyman.....	\$ _____/Hr X 40 =	\$ _____
1" schedule 40 pipe.....	\$ _____/LF X 100 =	\$ _____
Total.....		\$ _____

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.



1. COST BREAKDOWN

Total Material .....	\$ _____
Total Labor Cost .....	\$ _____
Total Subcontractor/Equipment Cost.....	\$ _____
Total Applicable Sales and Use Taxes.....	\$ _____
Allowances.....	\$ _____
Total Bond Cost .....	\$ _____
Total Bid .....	\$ _____
Total Estimated On-Site Man-hours .....	_____
Total Estimated Off-Site Man-hours.....	_____

2. QUANTITY BREAKDOWN (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Safety	L.S.	\$ _____
Design & Coordination	L.S.	\$ _____
Sprinkler Pipe (all sizes/materials)	_____ LF	\$ _____
Total Hangers	_____ EA	\$ _____
Total Sprinkler Heads	_____ EA	\$ _____
Tamper & Flow Switches	L.S.	\$ _____
Daily Clean-up	L.S.	\$ _____
Allowances	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____

**L. SCOPE OF WORK**

1. Description of Work Included

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope

of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

### **GENERAL**

1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.
2. Retainage of 7.5% is intended to be withheld until Substantial Completion however "partial payments may be made if agreed to by the DCS and Gilbane."
3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor's responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.

9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and

approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.

23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.
24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.
28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the

- assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
  33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
  34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.
  35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect's response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
  36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
  37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor's SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
  38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.
  39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
  40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor's responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor's project manager and field supervisor.

41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license cost is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.
44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Furnish all labor, material, equipment and services required to complete all Fire Protection system work. Perform work to provide an operational system in accordance with the specifications, drawings and State and Local codes.
2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:
  - 210000 Fire Suppression Systems Descriptions
  - 210500 Common Work Results For Fire Suppression
  - 210548 Vibration And Seismic Controls For Fire Suppression Piping and Equipment
  - 211000 Water-Based Fire Suppression SystemsIn addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.
3. Assist with all demolition inside and outside the existing building as necessary to complete new work whether or not shown on demolition the demolition drawings. Include all costs to identify, make-safe, cut, cap, and distinctively mark all Fire Protection system components for removal and disposal as well as items to remain; it is thereafter the responsibility of BP02A to remove and dispose of all MEP demolition material. At areas where Fire Sprinkler systems cannot be cut due to asbestos containing materials, BP02A will abate the component at the location of the cut. Include coordination and layout necessary to locate the area of the cut and perform the cut after abatement is concluded. Demolition work where the whole building is scheduled to be demolished in its entirety is limited to make safe, cut, and cap the Fire Protection system lines serving the building to be demolished.
4. Furnish all labor, material, equipment and services required to complete all Fire Protection system work. Perform work to provide an operational system in accordance with the specifications, drawings and State and Local codes.
5. Provide all firesafing and fire caulking in accordance with specification section 078413 THROUGH-PENETRATION FIRESTOP SYSTEMS for all fire protection assemblies as shown and /or required. The Construction Manager reserves the right to choose any of the specified fire-stopping and fire resistive joint materials. It is the Construction Manager's intent that all trades use the same firestop and fire resistive joint material products throughout the entire project site.
6. Provide all sealing of penetrations of this work through the work of others as specified in section 079200 JOINT SEALANTS and as shown and / or indicated on the drawings.
7. Furnish access panels as required for access to your work. Installation of access panels in the work of others is by others. Access panels shall be fire rated as required by the assembly into which they are installed thus Fire Rated Access doors shall be provided in all fire rated walls and ceilings. All work shall be in accordance with Specification Section 083113 Access Doors.
8. Pay for and obtain all required permits, other than the general building permit for this scope of work. Obtain all permits required by the state (fees have been waived). This Trade Contractor and all its subcontractors shall obtain all permits required and arrange

- for testing, inspection and approval of this work, such that the work of other trades can progress in a continuous manner. Provide the Construction Manager with copies of all permits.
9. Design the sprinkler piping system to satisfy the design criteria in the specification, and all applicable codes and regulations. If more heads (and related piping) or different type of heads are required than shown in order to provide the specified discharge and coverage, these additional heads shall be provided as part of the base bid cost. This includes but is not limited to those that may be required by project phasing, under soffits, large ductwork and piping, closets, attics, etc.
  10. Provide all Fire Department Connections and associated piping necessary for a complete, code-compliant system. Include signage required for these connections and for valve cabinets and standpipe connections. Standpipes will be made available for use as soon after the stairs are installed as practical
  11. Perform all testing, flushing, and cleaning of the fire protection work. Properly collect and dispose of discharge in accordance with local practices, codes and laws.
  12. Provide all means of support and attachments to the structure for the fire protection work, including any trapeze hangers to clear ductwork or other interferences. Include all vibration isolation and seismic restraints as required.
  13. All flow and tamper switches shall be furnished by this Trade Contractor. Provide installation so that switches can be easily viewed from eye level. The conduit and wire is provided by the Electrical Trade Contractor. Any wiring and connection to flow and tamper switches that are required beyond those indicated in the contract documents shall be provided by this Trade Contractor.
  14. Provide all shoring, bracing, hoisting, rigging and staging required to complete your Work.
  15. Provide all layout required for recessed cabinets that may be required and coordinate with Trade Contractor constructing wall. Fire extinguishers and fire extinguisher cabinets are being provided by others.
  16. Provide backflow preventers associated with your work, including all necessary permits, testing and registering of same.
  17. Provide all sleeves (including layout) required for this scope of work. Provide any coring, cutting or patching required for the installation of your work. Any openings missed shall be cored upon approval of the Structural Engineer at the cost of this Trade Contractor as well as any remedial work required by the Structural Engineer or Architect to permit the installation of the work. Cut metal deck at all unframed openings and sleeved penetrations as required for your work.
  18. Provide full coordination with the Fire Alarm system being installed by the Electrical Trade Contractor.
  19. Provide any additional valves or other provisions required to accomplish all testing whether indicated or not, as required to maintain the project schedule & phasing.



20. This Trade Contractor is responsible for providing drawings and obtaining approval stamps from the Owner's Insurance Company and jurisdictional Fire Marshal's Office. See 01 33 00.1.9 for procedures regarding approvals of fire protection shop drawing submittals.
21. Provide compressor(s) for the dry type sprinkler system. See specifications and drawings for details. Power & control wiring is by Division 26.
22. Coordinate installation and connection to utilities outside the building with the Sitework Contractor. Locate and connect all utility lines as it relates to your work. If sprinkler work is installed prior to outside utilities, provide such caps or fitting to seal the piping and properly identify the location of the piping. Verify and coordinate inverts of piping leaving building with inverts of site piping tie-ins. Building piping is to extend 5'-0" beyond the foundation wall and be connected to site piping as part of this scope with the exception of the new 6" galvanized underground fire department connection line and new 5" Storz connection as shown on FP1.05. Excavation and backfill is by BP31A.
23. Coordinate with the site contractor and witness the testing of underground water piping. Provide certifications necessary to accept underground water piping. Perform additional testing of underground water piping if required by this trade contractor at no additional cost.
24. Carefully review the PH series phasing drawings. The Notes and Key Notes indicate required for the project in addition to the items shown on the drawings. Include all fire sprinkler work identified in the drawings accordingly.
25. Reference Notes
  - a) Refer to 01 35 2.6 and include requirements for utility outages and safety procedures
  - b) Drawing PH1MEPFP: MP& FP Phase 1 Key Notes (1, 3(sprinkler), 5(sprinkler), 8(sprinkler), and 12 ) are scope of work for this package.
  - c) Drawing PH 2MEPFP: Electrical Phase 2 Key Notes (1 and 3 (sprinkler)) are scope of work for this package.
  - d) Drawing PH 3MEPFP: Electrical Phase 2 Key Notes (2 and 4) are scope of work for this package.
  - e) FP1.01: Piping down the corridor in the "A" phase – coordinate with future (subsequent) phase. Rerouting through the adjacent classroom spaces is an option provided the path(s) are fully coordinated with future work. Temporary piping (i.e. below ceiling) would also be considered -- base bids must include a viable means to execute all phases of the work.

## 2. Description of Work Excluded

- a) Demolition and removal of MEP system components
- b) Connection of fire protection devices to the fire alarm system
- c) Control wiring for remote electric alarm bells
- d) Power & Control wiring for dry system air compressors
- e) Piping beyond 5 ft from the building foundation, except the new 6" line for the new 5" Storz; final connection to yard piping remains work of this package
- f) Cost of water as used (metered; provide water meter)
- g) (Limited) Removal (and replacement) of ceilings to traverse areas of the building not included in a current phase, but required for that phase (e.g. feed to the new addition)

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:
  - Gilbane Project Manual
  - All Division 01 – General Requirements
  - 210000 Fire Suppression Systems Descriptions
  - 210500 Common Work Results For Fire Suppression
  - 210548 Vibration And Seismic Controls For Fire Suppression Piping and Equipment
  - 211000 Water-Based Fire Suppression Systems

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

**N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 22A – Plumbing**

**PRE-BID CONFERENCE:** October 11, 2011  
**TIME:** 3:00 PM

**PROPOSAL DUE DATE:** November 1, 2011  
**TIME:** 2:00 PM

**LOCATION:** HC Wilcox Technical School  
298 Oregon Road  
Meriden, CT 06451

**LOCATION:** Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033

**DEADLINE FOR SUBMISSION OF QUESTIONS:** October 25, 2011

**To:** Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033  
Attention: Patrick J. Delany, District Chief Purchasing Agent

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ the undersigned

**A.** Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Plumbing** work herein described as Bid Package **No. 22A** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.** All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of \_\_\_\_\_ Dollars (\$) \_\_\_\_\_).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

**C.** Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to

execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

**D. The above price includes all stipulations and requirements of the following Supplements:**

- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

1. Anticipated Date of Contract Award: ..... January 19, 2012
2. Commence Shop Drawings and Submittals..... January 19, 2012
3. Commence Work for the Proposal:..... August 15, 2012
4. Bid Package Substantial Completion:..... June 28, 2014
5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
Insulation	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

1. The Bidder will endeavor to obtain a minimum goal of twenty-five percent (25%) of the awarded amount to small business enterprises, with ten percent (10%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.

2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.
3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.  
  
This proposal includes \_\_\_\_\_% certified SBE participation.  
  
This proposal includes \_\_\_\_\_% certified MBE participation.
4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

UNIT PRICES:

- |    |  |          |     |
|----|--|----------|-----|
| 1. | 1" ball valve .....  | \$ _____ | /EA |
| 2. | 1" K Copper .....  | \$ _____ | /LF |
| 3. | Clevis Hanger for 1" copper pipe (insulated), including the insulation insert..... | \$ _____ | /EA |
| 4. | 1" fiberglass insulation with all service jacket for 1" copper pipe .....          | \$ _____ | /LF |
| 5. | 6" hubless cast iron pipe .....  | \$ _____ | /LF |

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

1. 300 man-hours of premium time portion of the labor rate to accelerate work in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to maintain the schedule and that this allowance will not be used for that purpose.

Journeyman.....	\$ _____/Hr X 270 =	\$ _____
Foreman .....	\$ _____/Hr X 30 =	\$ _____
Total .....		\$ _____

2. 40 man-hours and 200 LF of 6" hubless cast iron pipe for temporary rain leaders to divert water outside the building until the permanent system can be established and connected.

Journeyman.....	\$ _____/Hr X 40 =	\$ _____
6" hubless cast iron pipe .....	\$ _____/LF X 200 =	\$ _____
Total .....		\$ _____

3. 80 man-hours and 200 LF of 1" K copper pipe with 1" fiberglass insulation with all service jacket for 1" copper pipe for unforeseen conditions.

Journeyman.....	\$ _____/Hr X 80 =	\$ _____
1" K copper pipe .....	\$ _____/LF X 200 =	\$ _____
1" fiberglass insulation with all service jacket for 1" copper pipe .....	\$ _____/LF X 200 =	\$ _____
Total .....		\$ _____



**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. **COST BREAKDOWN**

Total Material ..... \$ \_\_\_\_\_  
 Total Labor Cost ..... \$ \_\_\_\_\_  
 Total Subcontractor/Equipment Cost..... \$ \_\_\_\_\_  
 Total Applicable Sales and Use Taxes..... \$ \_\_\_\_\_  
 Allowances..... \$ \_\_\_\_\_  
 Total Bond Cost ..... \$ \_\_\_\_\_  
 Total Bid ..... \$ \_\_\_\_\_  
 Total Estimated On-Site Man-hours ..... \_\_\_\_\_  
 Total Estimated Off-Site Man-hours..... \_\_\_\_\_

2. **QUANTITY BREAKDOWN** (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Safety	L.S.	\$ _____
Pipe (all sizes & materials)	_____ LF.	\$ _____
Roof Drains	_____ EA	\$ _____
Valves	_____ EA.	\$ _____
Fixtures	_____ EA	
Equipment	L.S.	
Insulation	L.S.	\$ _____
Closeout (O&Ms, Training, etc)	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____

**L. SCOPE OF WORK**

1. **Description of Work Included**

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.

- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

### **GENERAL**

1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.
2. Retainage of 7.5% is intended to be withheld until Substantial Completion however "partial payments may be made if agreed to by the DCS and Gilbane."
3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor's responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the

existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.

8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.

21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.
24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.
28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.

31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.
35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect's response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor's SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.
39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor's responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times.

This will be included as part of the initial orientation process but must be reinforced by the trade contractor's project manager and field supervisor.

41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license cost is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.
44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Furnish all labor, materials, equipment and services required to complete all plumbing work, including but not limited to demolition, equipment, piping, insulation, and vents in accordance with the contract documents. This includes but is not limited to; scaffolding, equipment and accessories, anchor bolts, pipe, hangers, valves, fittings, brackets, inserts, clamps, hardware, sleeves, sealants, escutcheons, fixtures, identification, testing, flushing, cleaning, disinfection, temporary protection, and provisions for equipment furnished by others.
  
2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:
  - 220000 Plumbing Systems Descriptions
  - 220500 Common Work Results For Plumbing
  - 220513 Common Motor Requirements For Plumbing Equipment
  - 220516 Expansion Fittings And Loops For Plumbing Piping
  - 220519 Meters And Gages For Plumbing Piping
  - 220523 General-Duty Valves For Plumbing Piping
  - 220529 Hangers And Supports For Plumbing Piping And Equipment
  - 220533 Heat Tracing for Plumbing Piping
  - 220548 Vibration And Seismic Controls For Plumbing Piping And Equipment
  - 220553 Identification For Plumbing Piping And Equipment
  - 220700 Plumbing Insulation
  - 221113 Facility Water Distribution Piping
  - 221116 Domestic Water Piping
  - 221123 Domestic Water Piping Specialties
  - 221123 Domestic Water Pumps
  - 221313 Facility Sanitary Sewers
  - 221316 Sanitary Waste And Vent Piping
  - 221319 Sanitary Waste Piping Specialties
  - 221323 Sanitary Waste Interceptors
  - 221329 Sanitary Sewerage Pumps
  - 221413 Facility Storm Drainage Piping
  - 221423 Storm Drainage Piping Specialties
  - 221513 General-Service Compressed-Air Piping
  - 221519 General-Service Packaged Air Compressors And Receivers
  - 223400 Fuel-Fired Domestic Water Heaters
  - 224000 Plumbing Fixtures
  - 224500 Emergency Plumbing Fixtures
  - 224700 Drinking Fountains And Water Coolers
  - 226600 Chemical-Waste Systems for Laboratory and Healthcare Facilities
  - 231123 Facility natural Gas Piping

In addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.

3. Assist with all demolition inside and outside the existing building as necessary to complete new work whether or not shown on demolition the demolition drawings. Include all costs to identify, make-safe, cut, cap, and distinctively mark all Plumbing system components for removal and disposal as well as items to remain; it is thereafter the responsibility of BP02A to remove and dispose of all MEP demolition material. At

areas where Plumbing systems cannot be cut due to asbestos containing materials, BP02A will abate the component at the location of the cut. Include coordination and layout necessary to locate the area of the cut and perform the cut after abatement is concluded. Demolition work where the whole building is scheduled to be demolished in its entirety is limited to make safe, cut, and cap the Plumbing system lines serving the building to be demolished.

4. Provide any valves, fittings, drains, vents, etc. not shown on the drawings or specifications but required for a code compliant, proper, safe, and complete installation (including start-up) of the work
5. Provide temporary water service to the project at a central location to the additions. Service will be a 2" line from an existing campus source with a temporary backflow preventer & meter, one (1) 1/2" valved takeoff, and four (4) 3/4" valved takeoffs. Provide self regulating heat trace and insulation for winter operations, power will be provided by others. Include water and sanitary connections to the Construction Manager's trailer as located on the site utilization plans
6. Provide all sleeves required for this Scope of Work. Provide all firesafing and fire caulking in accordance with specification section 078413 THROUGH-PENETRATION FIRESTOP SYSTEMS for all plumbing and HVAC assemblies as shown and /or required. Provide all fire stopping of penetrations of this work through the work of others as specified in section 078413 THROUGH-PENETRATION FIRESTOP SYSTEMS and as shown and/or indicated on the drawings. Firestopping within sleeves is by the trade whose work passes through the sleeve. Penetrations made after other work is in place shall be firestopped by the trade contractor making the penetration.
7. Include all caulking and sealants associated with this work and between this work and adjacent work. All caulking work shall be in accordance with specification section 07920 – Joint Sealants.
8. Furnish access panels as required for access to your work. Installation of access panels in the work of others is by others. Access panels shall be fire rated as required by the assembly into which they are installed thus Fire Rated Access doors shall be provided in all fire rated walls and ceilings. Verify that all equipment and material provided under this contract is installed with adequate and code compliant access for service provided. All work shall be in accordance with Specification Section 083113 Access Doors.
9. Pay for and obtain all required permits, other than the general building permit for this scope of work. This Trade Contractor and all its subcontractors shall obtain all permits required and arrange for testing, inspection and approval of this work, such that the work of other trades can progress in a continuous manner. Provide the Construction Manager with copies of all permits.
10. Take note of building access and make provisions to ensure that equipment will fit through permanent doorways and/or structure. Any work required to create openings or removal of doors/windows or walls in areas where equipment won't fit through existing openings shall be paid for by this trade contractor.
11. Include all vibration isolation, seismic restraints and equipment supports for this work. Provide sound and vibration isolation as required by contract and/or manufacturer's recommendations.



12. Provide all coring, cutting and patching as necessary for installation of this work.
13. Provide all means of support and attachments for all devices, panels and fixtures back to the structure, including any trapeze hangers to clear other work or interferences. Provide all miscellaneous steel supports which are not shown on any of the project drawings, but which are required to complete the work of this bid package, include primer and touch-up. Coordinate box-out framing with the General Trades and Masonry Trade Contractors.
14. Provide maintenance for all equipment installed under this scope of work until the project substantial completion date. Provide all necessary extended maintenance agreements, warranties and guarantees to account for the time period from start-up to substantial completion. This is in addition to the contractually required maintenance agreements, warranties and guarantees. The Owner's warranty (including all warranties specified) shall be exactly as specified and shall not commence until the final acceptance date. Refurbish all equipment to "like new" prior to turnover to the Owner.
15. Protect all equipment until final acceptance. Refinishing/restoration of painted surfaces damaged during construction remains this Trade Contractor's responsibility. Store and protect the equipment and material as it arrives on site and maintain protection as required until acceptance by the Owner.
16. Submit As-Built drawings and update them per building on a monthly basis. Updated As-Builts are a condition precedent for monthly progress payments.
17. Submit O & M Manuals at the completion of the submittal phase after receiving submittal approval. At a minimum, O & M Manuals must be delivered in a timely enough fashion for the Owner's personnel and Cx Agent to review the documents prior to the demonstration of and training on the systems to the Owner's representatives.
18. Provide all temporary power needed for your office/break trailers (including hook-ups and consumption). Provide hook-up for toilet in Construction Manager's trailer, excavation is by others.
19. Coordinate and furnish if necessary any auxiliary contacts required for their systems to operate in conjunction with equipment furnished by others.
20. Coordinate the filling, testing, disinfection, and flushing of their systems with the Construction Manager and the project phasing. This contractor is responsible for legal disposal of all wastewater discharged from plumbing system(s)
21. Provide all insulation for work installed as part of this bid package. No insulation is to be installed until work has been completely tested according to specifications. Provide all necessary equipment to allow testing to meet the project schedule. Install pipe identification after insulation is installed.
22. Provide any roof opening layout information required for the installation of any or plumbing related work within 4 weeks of contract award.
23. Cut all floor and roof openings required to install your work. This includes the cutting of metal roof decks at openings that were decked over for safety. Coordinate all roof penetrations with the Construction Manager and Roofing Trade Contractor.

24. Provide an “as-built” survey underground/underslab piping (including digital photos from a minimum 3 sides) to the Construction Manager a maximum of two (2) weeks after the work is covered. The survey must use the project control to denote the locations of the utilities.
25. Coordinate installation and connection to utilities outside the building with Sitework Trade Contractor. Locate and connect to all utility lines. If the plumbing work is installed prior to outside utilities, provide such caps or fittings to seal the piping and properly identify the location of the piping. Verify and coordinate inverts of piping leaving building with inverts of site piping tie-in. Except as otherwise stated herein utility piping is to be installed to 5’ beyond the foundation walls.
26. Provide connections to Owner Equipment as shown in Specification 115000 and on Drawing A12.09. Include tap from nearest source whether or not specifically shown on the drawings and connection materials and labor at each piece of equipment. See Utility Schedule on Drawing A12.09.
27. Provide all gas pipe and related inside the building, up to the connection to the gas meter. The gas meter and service from the street is by others.
28. Coordinate all service shutdowns well in advance with the Construction Manager. Temporary by-passes or other means may be required to keep live services active to other portions of the facility. Night or weekend shutdowns and tie-ins are to be expected to limit the impact on school activities, and costs of such included premium time are part of the base bid.
29. Carefully review the PH series phasing drawings. The Notes and Key Notes indicate required for the project in addition to the items shown on the drawings. Include all plumbing work identified in the drawings accordingly.
30. Reference Notes:
  - a) Refer to 01 35 2.6 requirements for utility outages and safety procedures and include all requirements accordingly.
  - b) Refer to 22 05 23 for stem extension requirements for valves on insulated pipe and include accordingly.
  - c) P1.01: Piping down the corridor in the “A” phase – coordinate with future (subsequent) phase. Rerouting through the adjacent classroom spaces is an option provided the path(s) are fully coordinated with future work. Temporary piping (i.e. below ceiling) would also be considered, base bids must include a viable means to execute all phases of the work.
  - d) See drawings (i.e. floor drains) to determine where electronic trap primers required, quantity and locations to be coordinated with BP 26A.
  - e) While gas piping has been specified under Division 23 but shown on P3.02, gas piping to the boilers is part of the scope of this package.
  - f) With respect to the equipment listing on A12.09, the scope of work of this package includes receiving and installing the following items per 01 11 00.1.6 (electrical & plumbing by others):

2. Description of Work Excluded

- 1 Demolition and removal of MEP system components

- 2 Testing and Balancing for Domestic Hot Water
- 3 Piping beyond 5 ft from building foundations; except for OS, where site scope will begin at the separator discharge
- 4 Condensate piping for HVAC equipment; coordinate locations with HVAC and provide a means for the plumbing piping to accept the condensate from HVAC
- 5 Toilet and Bath Accessories
- 6 Division 12 Casework will provide sinks; and furnish faucets, turrets, and tailpieces for installation by this package
- 7 Control wiring for Domestic Hot water heaters & related circulating pumps (see 1/P4.02)
- 8 Control Wiring for the Acid Neutralization System (P1.02)
- 9 Control wiring for the Duplex Sewage Ejector (7/P4.02)
- 10 Excavation, concrete, and backfill related to the installation of the sewage ejector
- 11 (Limited) Removal (and replacement) of ceilings to traverse areas of the building not included in the current phase, but required for that phase (e.g. plumbing to the new addition in Phase 1)

## **M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:

Gilbane Project Manual

All Division 01 – General Requirements

- 220000 Plumbing Systems Descriptions
- 220500 Common Work Results For Plumbing
- 220513 Common Motor Requirements For Plumbing Equipment
- 220516 Expansion Fittings And Loops For Plumbing Piping
- 220519 Meters And Gages For Plumbing Piping
- 220523 General-Duty Valves For Plumbing Piping
- 220529 Hangers And Supports For Plumbing Piping And Equipment
- 220533 Heat Tracing for Plumbing Piping
- 220548 Vibration And Seismic Controls For Plumbing Piping And Equipment ent
- 220553 Identification For Plumbing Piping And Equipment
- 220700 Plumbing Insulation
- 221113 Facility Water Distribution Piping
- 221116 Domestic Water Piping
- 221123 Domestic Water Piping Specialties
- 221123 Domestic Water Pumps
- 221313 Facility Sanitary Sewers
- 221316 Sanitary Waste And Vent Piping
- 221319 Sanitary Waste Piping Specialties
- 221323 Sanitary Waste Interceptors
- 221329 Sanitary Sewerage Pumps
- 221413 Facility Storm Drainage Piping
- 221423 Storm Drainage Piping Specialties
- 221513 General-Service Compressed-Air Piping
- 221519 General-Service Packaged Air Compressors And Receivers
- 223400 Fuel-Fired Domestic Water Heaters
- 224000 Plumbing Fixtures
- 224500 Emergency Plumbing Fixtures
- 224700 Drinking Fountains And Water Coolers

226600	Chemical-Waste Systems for Laboratory and Healthcare Facilities
231123	Facility natural Gas Piping

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

## **N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 23A – HVAC**

**PRE-BID CONFERENCE:**   **October 11, 2011**  
**TIME:**                           **3:00 PM**

**PROPOSAL DUE DATE:**   **November 1, 2011**  
**TIME:**                           **2:00 PM**

**LOCATION:**   **HC Wilcox Technical School**  
                  **298 Oregon Road**  
                  **Meriden, CT 06451**

**LOCATION:**   **Gilbane Building Company**  
                  **208 New London Turnpike**  
                  **Glastonbury, CT 06033**

**DEADLINE FOR SUBMISSION OF QUESTIONS:**   **October 25, 2011**

**To:**   Gilbane Building Company  
          208 New London Turnpike  
          Glastonbury, CT 06033  
          Attention: Patrick J. Delany, District Chief Purchasing Agent

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ the undersigned

**A.**   Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **HVAC Work** herein described as Bid Package **No. 23A** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.**   All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of \_\_\_\_\_ Dollars (\$) \_\_\_\_\_).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

**C.**   Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to

execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

**D. The above price includes all stipulations and requirements of the following Supplements:**

- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... June 25, 2012
- 4. Bid Package Substantial Completion:..... July 30, 2014
- 5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
Insulation	_____ EMR:___
Air Handlers	_____ EMR:___
Duct Work	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___



**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

1. The Bidder will endeavor to obtain a minimum goal of thirty percent (30%) of the awarded amount to small business enterprises, with ten percent (10%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.
2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.
3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. **IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.**

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

**UNIT PRICES:**

- |    |  |          |     |
|----|--|----------|-----|
| 1. | 1" ball valve .....  | \$ _____ | /EA |
| 2. | 1" L Copper .....  | \$ _____ | /LF |
| 3. | Clevis Hanger for 1" copper pipe (insulated), including the insulation insert..... | \$ _____ | /EA |
| 4. | 1" fiberglass insulation with all service jacket for 1" copper pipe .....          | \$ _____ | /LF |
| 5. | MERV 7 filter media .....  | \$ _____ | /SF |
| 6. | 233300.2.11 – Test Holes “as required for testing & balancing” .....               | \$ _____ | /EA |

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:  
None

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

1. 300 man-hours of premium time portion of the labor rate to accelerate work in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to maintain the schedule and that this allowance will not be used for that purpose.

Journeyman .....	\$ _____/Hr X 270 =	\$ _____
Foreman .....	\$ _____/Hr X 30 =	\$ _____
Total .....		\$ _____

2. One ( 1 ) complete set of filters for each new air handling system for use at the Construction Manager's direction. These filters are above and beyond the sets required elsewhere in the contract documents. Include installation, removal, and disposal in the allowance amount.

One ( 1 ) complete set of filters for each new air handling system..... \$ \_\_\_\_\_

3. 200 Man-hours and 500 sq ft of MERV 7 filter media for return grilles in addition to the base scope requirements at the direction of the Construction Manager.

Journeyman ..... \$ \_\_\_\_\_/Hr X 200 = \$ \_\_\_\_\_  
 MERV 7 filter media ..... \$ \_\_\_\_\_/SF X 500 = \$ \_\_\_\_\_  
 Total ..... \$ \_\_\_\_\_

4. 233300.2.11 – Twenty (20) Instrument Test Holes “as required for testing and balancing” (units at fans are base contract) in addition to the base scope requirements at the direction of the Construction Manager.  
 233300.2.11 – Test Holes ..... \$ \_\_\_\_\_/EA X 20 = \$ \_\_\_\_\_
5. 20 man-hours for repairs to existing curbs for existing air handlers/equipment to be removed and reinstalled in addition to the base scope requirements at the direction of the Construction Manager.  
 Journeyman ..... \$ \_\_\_\_\_/Hr X 20 = \$ \_\_\_\_\_
6. 80 man-hours and 200 LF of 1” K copper pipe with 1” fiberglass insulation with all service jacket for 1” copper pipe for unforeseen conditions.  
 Journeyman ..... \$ \_\_\_\_\_/Hr X 80 = \$ \_\_\_\_\_  
 1” K copper pipe ..... \$ \_\_\_\_\_/LF X 200 = \$ \_\_\_\_\_  
 1” fiberglass insulation with all service jacket  
 for 1” copper pipe ..... \$ \_\_\_\_\_/LF X 200 = \$ \_\_\_\_\_  
 Total ..... \$ \_\_\_\_\_
7. 40 man-hours (service technician) to examine and evaluate existing equipment to remain; and file a written report on existing deficiencies/defects. Include video and digital photos of physical defects.  
 Service Technician ..... \$ \_\_\_\_\_/Hr X 40 = \$ \_\_\_\_\_

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. **COST BREAKDOWN**

Total Material ..... \$ \_\_\_\_\_  
 Total Labor Cost ..... \$ \_\_\_\_\_  
 Total Subcontractor/Equipment Cost..... \$ \_\_\_\_\_  
 Total Applicable Sales and Use Taxes..... \$ \_\_\_\_\_  
 Allowances..... \$ \_\_\_\_\_  
 Total Bond Cost ..... \$ \_\_\_\_\_  
 Total Bid ..... \$ \_\_\_\_\_  
 Total Estimated On-Site Manhours ..... \_\_\_\_\_  
 Total Estimated Off-Site Manhours..... \_\_\_\_\_

2. **QUANTITY BREAKDOWN** (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Safety	L.S.	\$ _____
Pipe (all sizes & materials)	_____ LF.	\$ _____
Hangers (all sizes & types)	_____ EA	\$ _____
Pipe & Duct Insulation	L.S.	\$ _____
Valves	_____ EA	\$ _____
Sheetmetal	_____ LBS	\$ _____
Equipment	L.S.	\$ _____
Chillers	L.S.	\$ _____
Controls	L.S.	\$ _____
Tanks	L.S.	\$ _____
Daily Clean-up	L.S.	\$ _____
Allowances	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____

**L. SCOPE OF WORK**

1. Description of Work Included

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

**GENERAL**

1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that

the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.

2. Retainage of 7.5% is intended to be withheld until Substantial Completion however “partial payments may be made if agreed to by the DCS and Gilbane.”
3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor’s responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.

12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall

provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.

24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.
28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to

the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.

35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect’s response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor’s SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.
39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor’s responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor’s project manager and field supervisor.
41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, RFIs, change related correspondence and general correspondence. The license costs is \$500 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$800, \$500 for the license fee plus 20% (\$100) per year for maintenance for 3 years (\$300 total), even if the duration is only 31 months of usage.
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.



43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.
44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Furnish all labor, materials, equipment and services required to complete all HVAC work, including but not limited to demolition, equipment, piping, insulation, and vents in accordance with the contract documents. This includes but is not limited to; scaffolding, equipment and accessories, anchor bolts, pipe, hangers, valves, fittings, brackets, inserts, clamps, hardware, sleeves, sealants, escutcheons, fixtures, identification, testing, flushing, cleaning, disinfection, temporary protection, and provisions for equipment furnished by others.
2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:
  - 230000 Mechanical Systems Descriptions
  - 230010 General Provisions
  - 230130.51 HVAC Air Duct Cleaning
  - 230500 Common Work Results For HVAC

230513	Common Motor Requirements For HVAC Equipment
230516	Expansion Fittings And Loops For HVAC Piping
230519	Meters And Gages For HVAC Piping
230523	General-Duty Valves For HVAC Piping
230529	Hangers And Supports For HVAC Piping And Equipment
230533	Heat Tracing For HVAC Piping
230548	Vibration And Seismic Controls For HVAC Piping and Equipment
230553	Identification For HVAC Piping And Equipment
230700	HVAC Insulation
230900	Instrumentation And Control For HVAC
231113.1	Facility Fuel-Oil Piping
231113.2	Double Wall Fiberglass Fuel Oil Storage Tank System
231113.3	Level Sensing And Leakage Detection Systems
231113.4	Sniff Tubes
232113	Hydronic Piping
232114	Hydronic Distribution
232123	Hydronic Pumps
232300	Refrigerant Piping
232500	HVAC Water Treatment
232913	Enclosed Controllers
232914	Variable-Frequency Motor Controllers
233113	Metal Ducts
233300	Air Duct Accessories
233413	Axial HVAC Fans
233416	Centrifugal HVAC Fans
233423	HVAC Power Ventilators
233600	Air Terminal Units
233713	Diffusers, Registers, And Grilles
233723	HVAC Gravity Ventilators
234100	Particulate Air Filtration
235100	Breechings, Chimneys, And Stacks
235113	Draft Control Devices
235113.13	Chimney Automation System
235113.14	Combustion Air Make-Up System
235223	Cast-Iron Boilers
236426	Rotary-Screw Water Chillers
237200	Air-To-Air Energy Recovery Equipment
237313	Modular Indoor Central-Station Air-Handling Units
237433	Packaged, Outdoor, Heating and Cooling Makeup Air-Conditioners
238126	Split-System Air-Conditioners
238213	Radiant Heating Panels
238216	Air Coils
238219	Fan Coil Units
238239	Unit Heaters

In addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.

3. Assist with all demolition inside and outside the existing building as necessary to complete new work whether or not shown on demolition the demolition drawings. Include all costs to identify, make-safe, cut, cap, and distinctively mark all HVAC system components for removal and disposal as well as items to remain; it is thereafter the responsibility of BP02A to remove and dispose of all MEP demolition material. At areas

where HVAC systems cannot be cut due to asbestos containing materials, BP02A will abate the component at the location of the cut. Include coordination and layout necessary to locate the area of the cut and perform the cut after abatement is concluded. Demolition work where the whole building is scheduled to be demolished in its entirety is limited to make safe, cut, and cap the HVAC system lines serving the building to be demolished.

4. Provide any valves, fittings, drains, vents, etc. not shown on the drawings or specifications but required for a code compliant, proper, safe, and complete installation (including start-up) of the work and as necessary to accommodate phasing
5. Provide all sleeves required for this Scope of Work. Provide all firesafing and fire caulking in accordance with specification section 078413 THROUGH-PENETRATION FIRESTOP SYSTEMS for all HVAC assemblies as shown and /or required. Provide all fire stopping of penetrations of this work through the work of others as specified in section 07841 THROUGH-PENETRATION FIRESTOP SYSTEMS and as shown and/or indicated on the drawings. Firestopping within sleeves is by the trade whose work passes through the sleeve. Penetrations made after other work is in place shall be firestopped by the trade contractor making the penetration.
6. Include all caulking and sealants associated with this work and between this work and adjacent work. All caulking work shall be in accordance with specification section 079200 – Joint Sealants.
7. Furnish access panels as required for access to your work. Installation of access panels in the work of others is by others. Access panels shall be fire rated as required by the assembly into which they are installed thus Fire Rated Access doors shall be provided in all fire rated walls and ceilings. Verify that all equipment and material provided under this contract is installed with adequate and code compliant access for service provided. All work shall be in accordance with Specification Section 083113 Access Doors.
8. Pay for and obtain all required permits, other than the general building permit for this scope of work. This Trade Contractor and all its subcontractors shall obtain all permits required and arrange for testing, inspection and approval of this work, such that the work of other trades can progress in a continuous manner. Provide the Construction Manager with copies of all permits.
9. Take note of building access and make provisions to ensure that equipment will fit through permanent doorways and/or structure. Any work required to create openings or removal of doors/windows or walls in areas where equipment won't fit through existing openings shall be paid for by this trade contractor.
10. Provide all coring as necessary for installation of this work. Cutting of openings more than 144 square inches is by others. Include layout, inclusive of marking the actual location on the material to be cut, for holes in excess of 144 square inches.
11. Provide and maintain weather and safety protection of all openings made by this Trade Contractor until the permanent work is installed. Remove and replace weather and safety protection provided by others as necessary to access your work.
12. Provide all means of support and attachments for all devices, panels and equipment back to the structure, including any trapeze hangers to clear other work or interferences. Provide all miscellaneous steel supports which are not shown on any of the project

drawings, but which are required to complete the work of this bid package, include primer and touch-up. Coordinate box-out framing with the General Trades and Masonry Trade Contractors.

13. Provide maintenance for all equipment installed under this scope of work until the project substantial completion date. Provide all necessary extended maintenance agreements, warranties and guarantees to account for the time period from start-up to substantial completion. This is in addition to the contractually required maintenance agreements, warranties and guarantees. The Owner's warranty (including all warranties specified) shall be exactly as specified and shall not commence until the final acceptance date. Refurbish all equipment to "like new" prior to turnover to the Owner. Provide maintenance for all equipment installed under this Scope of Work until the end of the (18) eighteen month (from Substantial Completion) guarantee period.
14. The room number designations on the construction documents do not represent the final room numbers. Do not use construction document room numbers for programming Fire Alarm, Security, BMS or other building systems. Obtain permanent numbering system from Owner prior to performing this work and with enough time for Owner to secure information. Any programming started with the construction numbering system will have to be reprogrammed with the final room numbering system at this contractor's expense. Provide final room numbers on as-built drawings.
15. Protect all equipment until final acceptance. Refinishing/restoration of painted surfaces damaged during construction remains this Trade Contractor's responsibility. Store and protect the equipment and material as it arrives on site and maintain protection as required until acceptance by the Owner.
16. Submit As-Built drawings and update them per building on a monthly basis. Updated As-Built drawings are a condition precedent for monthly progress payments.
17. Submit O & M Manuals at the completion of the submittal phase after receiving submittal approval. At a minimum, O & M Manuals must be delivered in a timely enough fashion for the Owner's personnel and Cx Agent to review the documents prior to the demonstration of and training on the systems to the Owner's representatives.
18. Coordinate and furnish if necessary any auxiliary contacts required for systems to operate in conjunction with equipment furnished by others.
19. Coordinate the filling, testing and flushing of the hydronic systems with the Construction Manager and the project phasing. As new phases are to be added to existing systems they will be tested, flushed, cleaned, treated prior to them being connected to operational systems
20. Provide all insulation for work installed as part of this bid package. No insulation is to be installed until work has been completely tested according to specifications. Provide all necessary equipment to allow testing to meet the project schedule. Install pipe identification after insulation is installed.
21. Provide any roof opening layout information required for the installation of any or HVAC related work within 2 weeks of contract award.

22. Lead all MEP coordination meetings with the other trades. Coordination meeting will be held once every week during active MEP construction. Verify that the electrical and other service requirements shown on the Contract Documents are adequate and proper for the HVAC equipment scheduled to be used and installed. Report any inadequacies discovered to the Construction Manager immediately.
23. Cut all floor and roof openings required to install your work. This includes the cutting of metal roof decks at openings that were decked over for safety. Coordinate all roof penetrations with the Construction Manager and Roofing Trade Contractor.
24. Provide all field engineering, field layout, surveying and verification of field dimensions required for this Scope of Work referencing the Controls provided by others; one baseline and one benchmark (for elevation).
25. Provide an “as-built” survey underground/underslab piping (including digital photos) to the Construction Manager a maximum of two (2) weeks after the work is covered. The survey must use the project control to denote the locations of the utilities.
26. Coordinate installation and connection to utilities outside the building with Sitework Trade Contractor. Excavation, concrete, bedding & backfill are by others.
27. Attend all commissioning team meetings, provide copies of data pertaining to all approved equipment that will be commissioned to the CA. Prepare & sign off prefunctional checklists for all equipment to be commissioned in addition to other tasks listed in spec section 191000 Commissioning.
28. Protect new and existing roofs when working on or above roof areas. At a minimum provide plywood protection in areas under ladders, where material is stored and where debris can fall. Under scaffolding also provide sleepers in addition to plywood. Plywood should be placed in a manner and with sufficient protection underneath so as not to puncture roofing membrane. Coordinate “pads” required for temporary piping (i.e. steam and condensate) across the roof with the roofing contractor to preserve the existing warranty.
29. Remove all HVAC equipment from the rooftop as noted on the drawings. All equipment scheduled to be permanently removed and not replaced shall be set on grade at a location designated by the Construction Manager and disposed of by others. Stored and re-set all equipment scheduled to be re-set in place.
30. Adjustments to curbs for existing equipment to be removed and reinstalled will be a composite crew with the roofing trade contractor (once equipment is removed by this trade contractor) to remove, re-block, and reinstall the existing roof curbs to height(s) required for new roof. Scope includes any/all extensions of existing work to return the units to full operation (pipe/duct/controls/insulation/etc.) See also allowance for repairs to curbs where existing conditions dictate repairs are required. Provide curbs for new HVAC equipment.
31. Coordinate all service shutdowns well in advance with the Construction Manager. Temporary by-passes or other means may be required to keep live services active to other portions of the campus. Night or weekend shutdowns and tie-ins are to be expected to limit the impact on school activities and all costs thereof including premium time are to be included in the base bid

32. Provide 110V power where required for BMS operation but not specifically shown on the electrical drawings
33. The room number designations on the construction documents do not represent the final room numbers. Do not use construction document room numbers for programming building systems. Obtain permanent numbering system from Owner prior to performing this work and with enough time for Owner to secure information. Any programming started with the construction numbering system will have to be reprogrammed with the final room numbering system at this contractor's expense. Provide final room numbers on as-built drawings.
34. The Test & Balance Trade Contractor will recommend all sheave changes required to balance the system according to the specifications. Sheave changes will be executed by the HVAC contractor according to those recommendations.
35. Hot Water & Chilled Water System Bypass Valves – provide a means to read flow at these locations so that the controls contractor has a means to execute the flow based control sequence there.
36. Include one additional change out of all specified filters beyond those required by the specifications. In addition, provide filter media for all return grilles which must be installed before equipment is started; remove when directed by Construction Manager.
37. Provide connections to Owner Equipment as shown in Specification 115000 and on Drawing A12.09. Include tap from nearest source whether or not specifically shown on the drawings and connection materials and labor at each piece of equipment. See Utility Schedule on Drawing A12.09.
38. Carefully review the PH series phasing drawings. The Notes and Key Notes indicate required for the project in addition to the items shown on the drawings. Include all HVAC work identified in the drawings accordingly.
39. Reference Notes:
  - a) Refer to M0.01 and 01 45 23.13 & 01 57 40.3.1 regarding requirements for building “flushing”, which will be the responsibility of this trade contractor.
  - b) Refer to 01 35 2.6 re requirements for utility outages and safety procedures and include accordingly.
  - c) Refer to 01 78 30 for additional warranty requirements and include accordingly.
  - d) Topmost drywall will be installed before ducts in most cases; provide layout for framed openings.
  - e) 23 05 23 requires stem extensions for valves on insulated pipe, include accordingly.
  - f) Phasing of the project may require modifications to the control scheme(s), and that work is considered part of the base bid, include accordingly.
  - g) 8/M7.02; equipment rails and related insulation are part of 23A scope of work, include accordingly.
  - h) 8&9/M7.06: Conduits are considered control wiring for these tanks and so are part of the scope of work for BP 23A (excavation & backfill by others). Include the work accordingly.

- i) With respect to 11/M7.02 it is the responsibility of this package to coordinate curb heights with roofing insulation to maintain the minimum height(s) required by the drawings.
- j) With respect to the equipment listing on A12.09, the scope of work of this package includes receiving and installing the following items per 01 11 00.1.6 (electrical and plumbing by others).

2. Description of Work Excluded

- a. Demolition and removal of MEP system components
- b. Building Testing & Balancing (Bid Package 23B)
- c. Concrete for inertia bases
- d. Cutting & patching existing walls for louvers; include removal of temporary protection at louver installation in base bid cost
- e. Cost for utilities for startups & flushing (i.e. water, power)
- f. Window air conditioning unit removals (demolition) are by others
- g. Cement board (e.g. 11/M7.02) within rooftop curbs
- h. Removal & replacement of ceiling tiles for crossing areas that are not included in construction until alter phases of the project (e.g. bringing Chilled water to the new addition)
- i. Gas piping for the boilers

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

- 1. Specific work of this trade as defined in the following Specification Sections:
  - Gilbane Project Manual
  - All Division 01 – General Requirements
  - 230000 Mechanical Systems Descriptions
  - 230010 General Provisions
  - 230130.51 HVAC Air Duct Cleaning
  - 230500 Common Work Results For HVAC
  - 230513 Common Motor Requirements For HVAC Equipment
  - 230516 Expansion Fittings And Loops For HVAC Piping
  - 230519 Meters And Gages For HVAC Piping
  - 230523 General-Duty Valves For HVAC Piping
  - 230529 Hangers And Supports For HVAC Piping And Equipment
  - 230533 Heat Tracing For HVAC Piping
  - 230548 Vibration And Seismic Controls For HVAC Piping and Equipment
  - 230553 Identification For HVAC Piping And Equipment
  - 230700 HVAC Insulation
  - 230900 Instrumentation And Control For HVAC
  - 231113.1 Facility Fuel-Oil Piping
  - 231113.2 Double Wall Fiberglass Fuel Oil Storage Tank System
  - 231113.3 Level Sensing And Leakage Detection Systems
  - 231113.4 Sniff Tubes
  - 232113 Hydronic Piping
  - 232114 Hydronic Distribution
  - 232123 Hydronic Pumps
  - 232300 Refrigerant Piping

232500	HVAC Water Treatment
232913	Enclosed Controllers
232914	Variable-Frequency Motor Controllers
233113	Metal Ducts
233300	Air Duct Accessories
233413	Axial HVAC Fans
233416	Centrifugal HVAC Fans
233423	HVAC Power Ventilators
233600	Air Terminal Units
233713	Diffusers, Registers, And Grilles
233723	HVAC Gravity Ventilators
234100	Particulate Air Filtration
235100	Breechings, Chimneys, And Stacks
235113	Draft Control Devices
235113.13	Chimney Automation System
235113.14	Combustion Air Make-Up System
235223	Cast-Iron Boilers
236426	Rotary-Screw Water Chillers
237200	Air-To-Air Energy Recovery Equipment
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238126	Split-System Air-Conditioners
238213	Radiant Heating Panels
238216	Air Coils
238219	Fan Coil Units
238239	Unit Heaters

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

## **N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.



**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 23B – Testing & Balancing**

**PRE-BID CONFERENCE:** October 11, 2011  
**TIME:** 3:00 PM

**PROPOSAL DUE DATE:** November 1, 2011  
**TIME:** 2:00 PM

**LOCATION:** HC Wilcox Technical School  
298 Oregon Road  
Meriden, CT 06451

**LOCATION:** Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033

**DEADLINE FOR SUBMISSION OF QUESTIONS:** October 25, 2011

**To:** Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033  
Attention: Patrick J. Delany, District Chief Purchasing Agent

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ the undersigned

**A.** Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Testing and Balancing** work herein described as Bid Package **No. 23B** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.** All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of \_\_\_\_\_ Dollars (\$) \_\_\_\_\_).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

**C.** Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to

execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

**D. The above price includes all stipulations and requirements of the following Supplements:**

- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... December 14, 2012
- 4. Bid Package Substantial Completion:..... August 11, 2014
- 5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
IAQ Testing	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

- 1. The Bidder will endeavor to include participation by small business enterprise and minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.

2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.
3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

**UNIT PRICES:**

1. VAV box with reheat & four (4) outlets .....\$ \_\_\_\_\_ /ea
2. Control Valve with a single circuit-setter .....\$ \_\_\_\_\_ /ea
3. Exhaust register within 10 ft of the floor .....\$ \_\_\_\_\_ /ea
4. IAQ testing (single location/all parameters) & report\* .....\$ \_\_\_\_\_ /ea  
\*Location added, work included with main testing
5. 23 05 93, 3.28 – “ADDITIONAL TESTs.....\$ \_\_\_\_\_ /day

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost.

Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

1. 96 man-hours of premium time portion of the labor rate to accelerate work in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to maintain the schedule and that this allowance will not be used for that purpose.  
Balancer ..... \$ \_\_\_\_\_/Hr X 96 = \$ \_\_\_\_\_
2. Five ( 5 ) man days for additional testes in accordance with section 23 05 9, 3.28 – “ADDITIONAL TESTS”.  
23 05 9, 3.28 – “ADDITIONAL TESTS” ..... \$ \_\_\_\_\_/day X 5 = \$ \_\_\_\_\_
3. Twenty (20) man-hours for work as directed by the Construction Manager related to phasing and systems commissioning.  
Balancer ..... \$ \_\_\_\_\_/Hr X 20 = \$ \_\_\_\_\_

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. **QUANTITY BREAKDOWN** *(Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)*

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization(s)	_____ EA	\$ _____
Safety	L.S.	\$ _____
Administration	L.S.	\$ _____
VAV Boxes	_____ EA	\$ _____
Supply/Return RGDs	_____ EA	\$ _____
Duct Traverses	_____ EA	\$ _____
Control Valves	_____ EA	\$ _____
Indoor Air Quality Testing	L.S.	\$ _____
Allowances	L.S.	\$ _____
Other	L.S.	\$ _____
Bond	L.S.	\$ _____
Total Bid	L.S.	\$ _____
On-site Man-hours	_____ HRS	<del>_____</del>

**L. SCOPE OF WORK**

1. Description of Work Included

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

**GENERAL**

- 1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. **ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE.**

Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.

2. Retainage of 7.5% is intended to be withheld until Substantial Completion however “partial payments may be made if agreed to by the DCS and Gilbane.”
3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor’s responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.



12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a

timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.

24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.
28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the

- format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.
35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect’s response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
  36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
  37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor’s SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
  38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.
  39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
  40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor’s responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor’s project manager and field supervisor.
  41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license cost is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
  42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.

43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.
44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Provide all labor, material, equipment and services to complete all Testing and Balancing related work and coordination/installation for the HC Wilcox Regional Vocational School (Wilcox Tech) in accordance with the Contract Documents. This includes but is not limited to: equipment, controls, instrumentation, temporary access for readings, hardware, cable, devices, testing, adjusting, commissioning, temporary light and power, temporary protection, test plugs, and provisions for equipment furnished by others. This trade shall provide any cable, devices, indicators, controls, etc. not shown on the drawings or specifications but required for proper, safe, and complete testing and balancing whether shown in the documents or not. Coordinate all work with the Wilcox Tech, BVHCX (Wilcox Tech's Commissioning Agent), and Gilbane. Any deficiencies shall be reported to the Architect, Construction Manager immediately, no later than 48 hours from discovery.

2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:  
014523 Indoor Air Quality  
230593 Testing, Adjusting, And Balancing For HVAC  
In addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.
3. Review the contract drawings, shop drawings, and coordination drawings and to report on those drawings with regard to necessity of adding, deleting or relocating valves, dampers and other like devices to avoid balancing difficulties at the end of the project. This Trade Contractor will be provided with a set of all pertinent mechanical, electrical and plumbing approved submittals for their use.
4. Review the completed coordination drawings and sign off those drawings after reviewing valves, dampers, etc. Carefully review each section of the Specifications for factory testing, performance testing, balancing and commissioning statements and procedures in the Division 23 Scopes of Work and include those costs for the Testing and Balancing portion of the work within the base bid. Where testing is required by the Technical Specification sections and is performed by an independent testing firm, the expense of such testing shall be paid by others. Re-testing due to improper work or negligence of the Trade Contractor, or failure to coordinate required testing shall be at the Trade Contractor's expense. The Trade Contractor will be billed for any/all destructive testing and inspection requirements made necessary by the Trade Contractor's failure to coordinate required testing and inspection per the Contract Documents. Testing shall be broken down into segments small enough that they do not interrupt the work of related trades (e.g. masonry or drywall).
5. This Trade Contractor shall provide the Construction Manager with advanced notice of their work and shall schedule work in such a manner to avoid delays in the performance of its own work and the work of others. Include all manpower and premium costs required to maintain the Construction Manager's Schedule and project phasing.
6. Accommodate testing and inspection of your work by Owner's independent testing agent (i.e. the commissioning agent).
7. Provide all penetrations required to execute the scope of this package other than those permanently installed into ducts (see notes below), which are provided by others. Properly seal work at Testing and Balancing penetrations.
8. Perform work concurrently with multiple Trade Contractors on site. Coordinate all on site activity with the Construction Manager and adjacent Trade Contractors.
9. The HVAC Trade Contractor will provide construction filters at all air handling equipment specified to receive filters and will replace construction filters with new filters immediately prior to occupancy. Coordinate your work accordingly.
10. Recommend all sheave changes required to balance the system according to the specifications. Sheave changes will be executed by the HVAC contractor. Retest and verify system after sheave change.

11. Take care and protect surfaces as necessary to avoid getting dirt and other debris on finished surfaces (e.g. dust & fingerprints on ceiling tiles). Repair, replace, restore and/or clean or bear the expense for same for damage to or spoiling the Work or property of others resulting from your Work. Clean up any areas that have previously been final cleaned as directed by the Construction Manager.
12. Include monthly trips (23 05 93, 3.17.B) during construction (beginning when duct installation begins and ending with last leakage test) to observe and report; Include a review and commentary of the completed composite coordination drawings/BIM model (access, balancing valves, volume dampers, test holes, etc.) in addition to those reports required by 23 05 93.
13. Provide Construction Manager access to “work in progress” test sheets updated at least weekly during TAB activities (e.g. scans to Construction Manager’s FTP site).
14. Reference Note:
  - a. Provide drawings/field layout for installation (by others) of “instrument test holes” at fan inlets & outlets for Pitot-tube traverse. (233300.2.19 & 3.1). Pieces provided by others.
  - b. Include preconstruction testing and reporting on **ALL** existing equipment to remain (in place or relocated). Owner will provide clean filters for each unit.
  - c. Reference Note: See 230593, 1.6, B regarding how this scope of work is impacted by project phasing and include accordingly.
  - d. Include Benchmarking of initial activities, including but not limited to:
    - VAV box
    - Reheat coil
    - Pump

2. Description of Work Excluded

- a. Installation of instrument test holes (233300.A.19) in duct. Locating these devices and (re)installation of the caps following testing remains the work of this package.
- b. Filter changes
- c. Duct pressure Testing (leakage testing)
- d. Sheave changes for fans (size recommendation & retesting only)
- e. AHSRAE 110 testing for fume hoods

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:
  - Gilbane Project Manual
  - All Division 01 – General Requirements
  - 014523 Indoor Air Quality
  - 230593 Testing, Adjusting, And Balancing For HVAC

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

## **N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.



**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 26A – Electrical**

**PRE-BID CONFERENCE:**   **October 11, 2011**  
**TIME:**                           **3:00 PM**

**PROPOSAL DUE DATE:**   **November 1, 2011**  
**TIME:**                           **2:00 PM**

**LOCATION:**   **HC Wilcox Technical School**  
                  **298 Oregon Road**  
                  **Meriden, CT 06451**

**LOCATION:**   **Gilbane Building Company**  
                  **208 New London Turnpike**  
                  **Glastonbury, CT 06033**

**DEADLINE FOR SUBMISSION OF QUESTIONS: October 25, 2011**

**To:**   Gilbane Building Company  
          208 New London Turnpike  
          Glastonbury, CT 06033  
          Attention: Patrick J. Delany, District Chief Purchasing Agent

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ the undersigned

**A.**   Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Electrical** work herein described as Bid Package **No. 26A** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.**   All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of \_\_\_\_\_ Dollars (\$) \_\_\_\_\_).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

**C.**   Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to

execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

**D. The above price includes all stipulations and requirements of the following Supplements:**

- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... March 12, 2012
- 4. Bid Package Substantial Completion:..... October 21, 2014
- 5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

- 1. The Bidder will endeavor to obtain a minimum goal of thirty percent (30%) of the awarded amount to small business enterprises, with ten percent (10%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.

2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.
3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

**UNIT PRICES:**

1.	3/4" EMT .....	\$ _____	/LF
2.	#12 AWG THHN .....	\$ _____	/LF
3.	One sided exit sign (equal to McPhilben ER55L1R).....	\$ _____	/EA
4.	Two sided exit sign (equal to McPhilben ER55L2R).....	\$ _____	/EA
5.	Thermal toggle switch (110V service switch – indoor use) .....	\$ _____	/EA
6.	Fixture Type A.....	\$ _____	/EA
7.	Fixture Type A1 .....	\$ _____	/EA
8.	10 watt/ft self regulating heat trace tape .....	\$ _____	/LF
9.	Drawing E2.05/General Note 2 (Gym Lighting) lamp .....	\$ _____	/EA
10.	Drawing E2.05/General Note 2 (Gym Lighting) ballast.....	\$ _____	/EA
11.	110V circuit from spare breakers, up to 100 ft .....	\$ _____	/EA

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

1. 500 man-hours of premium time portion of the labor rate to accelerate work in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to maintain the schedule and that this allowance will not be used for that purpose.

Journeyman.....	\$ _____/Hr X 450 =	\$ _____
Foreman .....	\$ _____/Hr X 50 =	\$ _____
Total .....		\$ _____

2. 200 LF of 10 watt/ft self regulating heat trace tape for temporary water lines in addition to the base scope requirements at the direction of the Construction Manager.

10 watt/ft self regulating heat trace tape .....	\$ _____/LF X 200 =	\$ _____
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3. Drawing E2.05/General Note 2 (Gym Lighting) – 80 man-hours & 20 lamps/ballasts.  
 Journeyman ..... \$ \_\_\_\_\_/Hr X 80 = \$ \_\_\_\_\_  
 E2.05/General Note 2 (Gym Lighting) lamp ..... \$ \_\_\_\_\_/EA X 20 = \$ \_\_\_\_\_  
 E2.05/General Note 2 (Gym Lighting) ballast..... \$ \_\_\_\_\_/EA X 20 = \$ \_\_\_\_\_  
 Total ..... \$ \_\_\_\_\_
4. 40 man-hours as directed by the Construction Manager to address unforeseen conditions.  
 Journeyman ..... \$ \_\_\_\_\_/Hr X 40 = \$ \_\_\_\_\_
5. 40 man-hours to remove existing site lighting fixtures (pole and wall mounted) in addition to the base scope requirements at the direction of the Construction Manager.  
 Journeyman ..... \$ \_\_\_\_\_/Hr X 40 = \$ \_\_\_\_\_
6. Five (5) additional 110V circuits (from spare breakers; <100 ft) for floor drain trap primers in addition to the base scope requirements at the direction of the Construction Manager.  
 110V circuits from spare breaker; up to 100 ft ..... \$ \_\_\_\_\_/EA X 5 = \$ \_\_\_\_\_

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. **COST BREAKDOWN**

- Total Material ..... \$ \_\_\_\_\_
- Total Labor Cost ..... \$ \_\_\_\_\_
- Total Subcontractor/Equipment Cost..... \$ \_\_\_\_\_
- Total Applicable Sales and Use Taxes..... \$ \_\_\_\_\_
- Allowances..... \$ \_\_\_\_\_
- Total Bond Cost ..... \$ \_\_\_\_\_
- Total Bid ..... \$ \_\_\_\_\_
- Total Estimated On-Site Man-hours ..... \_\_\_\_\_
- Total Estimated Off-Site Man-hours..... \_\_\_\_\_

2. **QUANTITY BREAKDOWN** (Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Conduit (all sizes and materials)	_____ LF	\$ _____
Wire and Cable > #10 AWG	_____ LF	\$ _____
Wire and Cable < #12 AWG	_____ LF	\$ _____
Devices	_____ EA	\$ _____
Lighting Fixtures	_____ EA	\$ _____

Item	Quantity	Total Cost
Circuit breakers (all sizes/types)	_____ EA	\$ _____
Switchgear	L.S.	\$ _____
Work outside Div. 26 (e.g. teledata raceway, low voltage wiring in other sections, etc.)	L.S.	\$ _____
Fire Alarm	L.S.	\$ _____
Generator	L.S.	\$ _____
Theatrical Lighting	L.S.	\$ _____
Commissioning Support	L.S.	\$ _____
Daily Clean-up	L.S.	\$ _____
Other	L.S.	\$ _____
Allowances	L.S.	\$ _____
Bonds	L.S.	\$ _____
Total Bid		\$ _____

**L. SCOPE OF WORK**

1. Description of Work Included

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

**GENERAL**

- 1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.

2. Retainage of 7.5% is intended to be withheld until Substantial Completion however “partial payments may be made if agreed to by the DCS and Gilbane.”
3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor’s responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control



13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a

- listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.
24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
  25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
  26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
  27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.
  28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
  29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
  30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
  31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
  32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
  33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
  34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.

35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect’s response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor’s SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.
39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor’s responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor’s project manager and field supervisor.
41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license cost is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or

service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.

44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Furnish all labor, material, equipment and services required to complete all electrical demo, electrical, fire alarm, power and lighting, technology, PA, intercom, sound, paging, security telecommunications and data, technology, clock, and related systems work as outlined in the contract documents.
2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:
  - 260000 Electrical Systems Descriptions
  - 260500 Common Work Results For Electrical
  - 260519 Low-Voltage Electrical Power Conductors And Cables
  - 260526 Grounding And Bonding For Electrical Systems
  - 260529 Hangers And Supports For Electrical Systems
  - 260533 Raceway And Boxes For Electrical Systems
  - 260536 Cable Trays For Electrical Systems
  - 260548 Vibration And Seismic Controls For Electrical Systems
  - 260553 Identification For Electrical Systems
  - 260573 Overcurrent Protective Device Coordination Study
  - 260923 Lighting Control Devices

262200	Low-Voltage Transformers
262413	Switchboards
262416	Panelboards
262500	Enclosed Bus Assemblies
262726	Wiring Devices
262813	Fuses
262816	Enclosed Switches And Circuit Breakers
263600	Engine Generators
265100	Transfer Switches
265100	Interior Lighting
265561	Theatrical Lighting
265600	Exterior Lighting
275123.50	Educational Intercommunications And Program Systems
275313	Clock Systems
283100	Fire Detection And Alarm

In addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.

3. Assist with all demolition inside and outside the existing building as necessary to complete new work whether or not shown on the demolition drawings. Include all costs to identify, make-safe, cut, terminate, and distinctively mark all electrical/tel/data/fire alarm/intercom system components for removal and disposal as well as items to remain; it is thereafter the responsibility of BP02A to remove and dispose of all MEP demolition material. The only exception to the demolition and removal by BP02A is electrical/tel/data/fire alarm/intercom demolition work requiring an electrical license to perform the work. At locations/components requiring the demolition work to be performed by this bid package include all demolition and removal to a near by waste receptacle. The waste receptacle will be removed and disposed of by BP02A. At areas where electrical/tel/data/fire alarm/intercom systems cannot be cut due to asbestos containing materials, BP02A will abate the component at the location of the cut. Include coordination and layout necessary to locate the area of the cut and perform the cut after abatement is concluded. Demolition work where the whole building is scheduled to be demolished in its entirety is limited to make safe, cut, and terminate the electrical/tel/data/fire alarm/intercom system lines serving the building to be demolished.
4. Provide all labor, material, equipment, hoisting, testing, overhead and services required to complete all **temporary lighting and power as described below and in the general Conditions**. Include all connections, disconnections, coordination and support as required. Provide temporary power hook-ups and disconnections, as needed, to the Construction Manager's trailer as described in the Site Utilization Plan. Provide power for heat trace of temporary water (e.g. Construction Manager trailers & building). Include the costs to provide power to the Construction Manager's trailer location (typical 2 x 12 x 60; one separate 12 x 60 trailer). Costs and services to feed other trailers are not to be included. Each Trade Contractor is responsible for its own hook-up and power consumption costs. The temporary electrical requirements also include the provision of all Construction Manager trailer re-lamping and eight (8) flood lights in the Construction Manager's trailer area and foundation area at specific locations to be determined in the field. Provide a temporary 120/208 volt, three phase, 4 wire, 400A electrical service in location indicated on Site Utilization Plan. Coordinate locations of sub-panels (minimum one per floor) with the Construction Manager. Locate hand tool circuits no more than 50 feet apart within the building, at each floor level, and within 50 feet of all rooftop equipment locations. Provide and maintain temporary light bulbs for the duration of the

- project. Include all re-lamping as required through the duration of the project. Provide temporary power (one car at a time) for elevator installation.
5. Provide Data and Voice wiring for Construction Manager's trailer from the closest available source. Install 12 data and 12 voice drops throughout trailer routed back to a patch panel and punch-down block provided by this trade contractor. Provide all equipment necessary for a complete and operational network including but not limited to equipment grounding, data drops, patch panels, and Category 6 wiring.
  6. Include costs to disconnect, remove and dispose of the entire temporary lighting and power system. Disconnect, remove and dispose of all temporary electric and teledata service to the Construction Manger's office trailers.
  7. Provide all firesafing and fire caulking in accordance with specification section 078413 THROUGH-PENETRATION FIRESTOP SYSTEMS for all electrical assemblies as shown and /or required. Penetrations made after other work is in place shall be firestopped by the trade contractor making the penetration. Sleeves are required on all floor, wall and roof penetrations. The Construction Manager reserves the right to choose any of the specified fire-stopping and fire resistive joint materials – for all MEP trade work
  8. Furnish access panels as required for access to your work. Installation of access panels in the work of others is by others. Verify that all equipment and material provided under this contract is installed with adequate and code compliant access for service provided. All work shall be in accordance with Specification Section 083113 Access Doors.
  9. Pay for and obtain all required permits, other than the general building permit for this scope of work. This Trade Contractor and all its subcontractors shall obtain all permits required and arrange for testing, inspection and approval of this work, such that the work of other trades can progress in a continuous manner. Provide the Construction Manager with copies of all permits. Include all utility company charges in base bid.
  10. Protect new and existing roofs when working on or above roof areas. At a minimum provide plywood protection in areas under ladders, where material is stored and where debris can fall. Under scaffolding also provide sleepers in addition to plywood. Plywood should be placed in a manner and with sufficient protection underneath so as not to puncture roofing membrane.
  11. Provide lighting shown on Architectural and Electrical drawings. If a conflict exists between these two sets of documents, provide the items of greater quantity or greater value. Immediately notify the Construction Manager of any such conflict.
  12. Coordinate locations of all electrical equipment with architectural drawings and equipment or furniture provided by the Owner. Relocate any electrical devices that interfere with furniture shown in documents at no additional cost to the Owner.
  13. The room number designations on the construction documents do not represent the final room numbers. Do not use construction document room numbers for programming building systems. Obtain permanent numbering system from Owner prior to performing this work and with enough time for Owner to secure information. Any programming started with the construction numbering system will have to be reprogrammed with the

- final room numbering system at this contractor's expense. Provide final room numbers on as-built drawings.
14. Provide an "as-built" survey underground/underslab piping (including digital photos from a minimum 3 sides) to the Construction Manager a maximum of two (2) weeks after the work is covered. The survey must use the project control to denote the locations of the utilities.
  15. Include lockout/tagout of all electrical equipment once disconnects are installed. Vacuum and clean all panel boards and boxes as required throughout construction and prior to turnover.
  16. The drawings show only the general run of raceways and approximate location of outlets. Any significant changes in location of outlets, cabinets, etc., necessary in order to meet field conditions or project phasing shall be brought to the immediate attention of the Construction Manager for review before such alterations are made. Modifications shall be made at no additional cost.
  17. Participate in all MEP coordination meetings with the other trades. Meetings will be held once every week during active MEP construction. This bid package also includes verifying that the HVAC, plumbing, fire protection, and other service requirements shown on the Contract Documents are adequate and proper (e.g. meet code clearance) for the Electrical materials and equipment scheduled to be used and installed.
  18. Provide a Connecticut State Building Code seismic design and installation (certified by an Engineer licensed in the State of Connecticut).
  19. Provide all coring, cutting and patching as necessary for installation of this work. Coordinate any required steel penetrations with Construction Manager and Steel Trade Contractor.
  20. Submit O & M Manuals at the completion of the submittal phase after receiving submittal approval. At a minimum, O & M Manuals must be delivered in a timely enough fashion for the Owner's personnel and Cx Agent to review the documents prior to the demonstration of and training on the systems to the Owner's representatives.
  21. Within 20 days of notice to proceed, provide a material status list showing all materials, equipment, submittals, manufacturing durations and dates required on site. This listing will be updated monthly and provided with the monthly billing. Updated Material Status Lists are a condition precedent for monthly progress payments. A list of manufactures representatives and phone numbers will be required as well.
  22. Provide all means of support and attachments for all devices, panels and fixtures back to the structure, including any trapeze hangers to clear other work or interferences. Provide all miscellaneous steel supports which are not shown on any of the project drawings, but which are required to complete the work of this bid package, include primer and touch-up. Coordinate box-out framing with the Drywall and Masonry Trade Contractors.
  23. Provide maintenance for all equipment installed under this scope of work until the project substantial completion date. Furnish all necessary extended maintenance agreements, warranties and guarantees to account for the time period from start-up and/or

- commissioning to substantial completion. This is in addition to the contractually required maintenance agreements, warranties and guarantees.
24. Provide all shoring, bracing, staging and hoisting, and/or rigging required to complete your work.
  25. Install underground electrical service as shown in the contract documents. Remove underground power, telecommunication and cable wiring designated to be removed; coordinate with respective utilities.
  26. Coordinate all service shutdowns well in advance with the Construction Manager. Night or weekend shutdowns, tie-ins, and/or off hours testing are to be expected to limit the impact on school activities. Any work that must occur during school terms within otherwise occupied spaces will be done after hours. Premium time for same is to be included in the base bid.
  27. Ensure rough-in and power requirements are coordinated with all equipment provided by others. Coordinate electrical, security, card access and any other system requirements with other trades, particularly doors, frames, hardware, food service etc. to ensure compatibility of components with electrical requirements.
  28. Provide connections to Owner Equipment as shown in Specification 115000 and on Drawing A12.09. Include tap from nearest source whether or not specifically shown on the drawings and connection materials and labor at each piece of equipment. See Utility Schedule on Drawing A12.09.
  29. Carefully review the PH series phasing drawings. The Notes and Key Notes indicate required for the project in addition to the items shown on the drawings. Include all fire sprinkler work identified in the drawings accordingly.
  30. Light pole bases are by BP31A. Furnish anchor bolts and template, conduit sweeps, and layout drawings for all lighting as required.
  31. Review the contract documents for work by this Trade Contractor included within other specification sections. This Trade Contractor is responsible for all work within other specification sections or on drawings, whether or not specifically listed shown on the Electrical Drawings or referenced herein. The items include, but are not limited to:
    - a. Line voltage wiring between HVAC components within the building and on the roof (not 23 0900 controls).
    - b. The remote alarm for SP-1 and other similar type of wiring.
    - c. Provide power and control wiring for the air compressor for the dry sprinkler system associated with the duct collectors (B165/Crib).
    - d. Provide control wiring for the remote electric alarm bells associated with fire protection.
    - e. Provide control wiring for Domestic Hot water heaters and related circulating pump(s) (see 1/P4.02) furnished by others.
    - f. Provide control wiring for the Acid Neutralization System (P1.02) furnished by others.
    - g. Provide control wiring for the Duplex Sewage Ejector (7/P4.02) furnished by others.
    - h. Provide power for lights for 10 12 00 display cases and 10 14 63 electronic message signage locations furnished by others.



- i. Provide power and control wiring for power 12 49 40 roller shades furnished by others.
- j. Provide temporary power for the elevator installation.
- k. Provide power and control wiring for power 11 52 13 powered projection screens furnished by others.
- l. Power and control wiring for 11 53 13 fume hoods.
- m. Provide 110V power for all devices and systems requiring same, including but not limited to:
  - 1. Audiovisual systems
  - 2. Telecom systems
  - 3. Plumbing systems (e.g. trap primers & flushmeters, and sump pumps)
  - 4. Power for BMS (only what is shown on the drawings, BMS is responsible for its own power beyond that).
- n. Scope includes power wiring for all HVAC and Plumbing equipment and mounting controls supplied by others, regardless if the motor controls are specifically shown on the drawings or not. Provide disconnects & motor controls for all mechanical and other equipment unless they are specifically specified or scheduled as by others.

32. Reference Notes-

- a) Refer to 01 35 2.6 regarding requirements for utility outages and safety procedures and include accordingly.
- b) Refer to 220533 for heat trace furnished by bid package 22A; power and control wiring for this heat trace are work of this package.
- c) Drawing PH 1MEPFP: Electrical Phase 1 Key Notes (A thru T) are scope of work for this package.
- d) Drawing PH 2MEPFP: Electrical Phase 2 Key Notes (A thru F) are scope of work for this package.
- e) Drawing PH 3MEPFP: Electrical Phase 3 Key Notes (A thru H) are scope of work for this package.
- f) AE has directed that the connection between the fire alarm system in the temporary classrooms (provided by others) and the existing building is limited to having the existing system monitor alarm contacts in the temporary classroom system. Connect to output contact provided by classroom vendor fire alarm panel.
- g) Refer to the “ED” series drawings – include Keyed note #1 (remove fixtures, switches, conduit, etc.) as an applicable note on any drawing where it appears.
- h) Refer to A12.09 for power requirements for new and relocated equipment and include accordingly.
- i) Note that the clock system is located in an area that undergoes renovation in one of the later phases. Protect the equipment at this location, or provide installation at an alternate location(s) and relocation to the permanent location later in the project. Alternate location require Owner approval.
- j) With respect to the equipment listing on A12.09, the scope of work of this package includes receiving and installing the following items per 01 11 00.1.6 (HVAC and plumbing by others).
- k) Drawing T1.01 – include raceways for all devices within the “existing” area (typical).
- l) Drawing T1.04 – include only the 4” telecommunications conduit; the others will be covered by 26A.

- m) Drawing T1.05 – General Note reference to “C125” should be “C128” (see drawing); terminate conduits above grade under the classroom teledata closet.
- n) With Refer to and include “General Notes” on T0.01:
  - 1. **“Wiring & Raceway”** – Notes 1, 2, and 3 are directly applicable to this scope of work.
  - 2. **“Raceway Installation”** – Notes 1 and 2 directly apply; additional direction will be provided re note 3 and defining what if any emergency systems are involved.
  - 3. **“Grounding Installation”** - Note 1B directly applies in that raceways must be sized for this grounding conductor.
  - 4. **“Telecommunications Closet Grounding”** - Notes 2A, B, and C Note 3 apply.
  - 5. **“Raceways for Telecommunications Systems”** - Notes 1-6 are directly applicable to the scope of this package; with respect to note 4 the scope of this package will include properly sized sleeve(s) with bushings at both ends for each room to provide a means to access the raceway path to the local T/D closet. Observe fire rating requirements for all partitions
  - 6. **“Elevator Equipment Wiring”** – Note 1A and Note 1B are directly applicable. Notes 2A & 3A are directly applicable to the scope of this package
  - 7. **“Coordination Drawings”** – Notes 1-7 are directly applicable to this package. Scope of work includes drawings that define the raceways for all device locations and make clear which devices are “connected” to which closets.
- o. Refer to “Telecommunications Notes” on T3.01: Notes 1-5 are directly applicable as scope of work for this package; with respect to Note 3 provide conduit from corridor raceways into closets (typical), terminating within 12” of walls once inside these rooms
- p. With Refer to “General Notes” on T3.01: Notes 1-3 are directly applicable as scope of work for this package

2. Description of Work Excluded

- 1. Low voltage temperature control wiring for 23 0900 is by others.
- 2. Housekeeping pads and equipment pads shall be provided by others; provided layouts and imbeds are timely.
- 3. The Sitework Trade Contractor is responsible for all electrical excavation work including concrete encasement, fill, warning tape, etc.
- 4. Plywood backboards in electrical rooms (teledata & security)
- 5. Temporary Classrooms – provide only empty conduit between the classrooms (area behind the skirts under the classrooms and the existing building for fire alarm, teledata, clock, PA, and spare) and the fire alarm interconnection noted above

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

- 1. Specific work of this trade as defined in the following Specification Sections:

Gilbane Project Manual  
All Division 01 – General Requirements  
260000 Electrical Systems Descriptions  
260500 Common Work Results For Electrical  
260519 Low-Voltage Electrical Power Conductors And Cables  
260526 Grounding And Bonding For Electrical Systems  
260529 Hangers And Supports For Electrical Systems  
260533 Raceway And Boxes For Electrical Systems  
260536 Cable Trays For Electrical Systems  
260548 Vibration And Seismic Controls For Electrical Systems  
260553 Identification For Electrical Systems  
260573 Overcurrent Protective Device Coordination Study  
260923 Lighting Control Devices  
262200 Low-Voltage Transformers  
262413 Switchboards  
262416 Panelboards  
262500 Enclosed Bus Assemblies  
262726 Wiring Devices  
262813 Fuses  
262816 Enclosed Switches And Circuit Breakers  
263600 Engine Generators  
265100 Transfer Switches  
265100 Interior Lighting  
265561 Theatrical Lighting  
265600 Exterior Lighting  
275123.50 Educational Intercommunications And Program Systems  
275313 Clock Systems  
283100 Fire Detection And Alarm

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

## **N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:

\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 31A SITEWORK**

**PRE-BID CONFERENCE:** October 11, 2011  
**TIME:** 3:00 PM

**PROPOSAL DUE DATE:** November 1, 2011  
**TIME:** 2:00 PM

**LOCATION:** HC Wilcox Technical School  
298 Oregon Road  
Meriden, CT 06451

**LOCATION:** Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033

**DEADLINE FOR SUBMISSION OF QUESTIONS:** October 25, 2011

**To:** Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033  
Attention: Patrick J. Delany, District Chief Purchasing Agent

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ the undersigned

**A.** Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Site Work** herein described as Bid Package **No. 31A** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.** All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of \_\_\_\_\_ Dollars (\$) \_\_\_\_\_).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

**C.** Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to

execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

**D. The above price includes all stipulations and requirements of the following Supplements:**

- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_
- Supplement \_\_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... January 25, 2012
- 4. Bid Package Substantial Completion:..... November 5, 2014
- 5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___
_____	_____ EMR:___

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

- 1. The Bidder will endeavor to obtain a minimum goal of fifteen percent (15%) of the awarded amount to small business enterprises, with ten percent (10%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.

2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.
3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.  
  
 This proposal includes \_\_\_\_\_% certified SBE participation.  
  
 This proposal includes \_\_\_\_\_% certified MBE participation.
4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

UNIT PRICES:

- |  |          |      |
|--|----------|------|
| 1. Class 1 Bituminous Concrete Binder Course .....   | \$ _____ | /TON |
| 2. Class 2 Bituminous Concrete Wearing Course .....  | \$ _____ | /TON |
| 3. Pavement Repair (8/L1.20) .....   | \$ _____ | /SF  |
| 4. Concrete encasement .....   | \$ _____ | /CY  |
| 5. Concrete sidewalk, incl. excavation and backfill (6/L1.20) .....  | \$ _____ | /SF  |
| 6. Timber Guide Rail (12/L1.21).....   | \$ _____ | /LF  |
| 7. Furnish and Place the following materials:  |          |      |
| (a) Common fill .....  | \$ _____ | /CY  |
| (b) Screened gravel .....  | \$ _____ | /CY  |
| (c) Processed gravel.....  | \$ _____ | /CY  |
| (d) Crushed stone .....  | \$ _____ | /CY  |
| 8. Temporary Construction Fencing 6'-0" high (stanchion type) .....  | \$ _____ | /LF  |
| 9. Temporary Perimeter Fence (6' high with driven posts).....  | \$ _____ | /LF  |
| 10. 30"X30" Aluminum Signs with 3" Custom Text and posts .....   | \$ _____ | /EA  |
| 11. 24"X24" Aluminum Signs with 3" Custom Text and posts .....   | \$ _____ | /EA  |
| 12. 48" X 80" ¾ Plywood Signs with plastic laminate facing<br>including 3" custom text and 6"X6" timber posts..... | \$ _____ | /EA  |
| 13. 4" thick, 3' wide temporary process walkway .....  | \$ _____ | /LF  |
| 14. Traffic bollards and concrete required for installation .....  | \$ _____ | /EA  |
| 15. Concrete block (dead-man) .....  | \$ _____ | /EA  |
| 16. Silt fencing .....   | \$ _____ | /LF  |
| 17. Hay bale.....  | \$ _____ | /EA  |



- 18. 3" stone..... \$ \_\_\_\_\_ /CY
- 19. ¾" Stone ..... \$ \_\_\_\_\_ /CY
- 20. Temporary site concrete slab at the depth of 6" ..... \$ \_\_\_\_\_ /SF
- 21. Topsoil, imported and spread to grade ..... \$ \_\_\_\_\_ /CY
- 22. Concrete floor saw-cutting (up to 6" thick)..... \$ \_\_\_\_\_ /LF
- 23. See specification section 012000 Contract Considerations for additional unit prices assigned to this bid package by the Owner.

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor’s cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

1. 500 man-hours of premium time portion of the labor rate to accelerate work in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to maintain the schedule and that this allowance will not be used for that purpose.
 

Journeyman .....	\$ _____/Hr X 450 =	\$ _____
Foreman .....	\$ _____/Hr X 50 =	\$ _____
Total .....		\$ _____
  
2. 100 Man Hours to provide site clean-up in addition to the base scope requirements at the direction of the Construction Manager
 

Journeyman .....	\$ _____/Hr X 90 =	\$ _____
Foreman .....	\$ _____/Hr X 10 =	\$ _____
Total .....		\$ _____
  
3. Ten (10) 30”X30” Aluminum Signs with 3” Custom Text and posts at the direction of the Construction Manager and in addition to the base scope requirements.
 

30”X30” Aluminum Sign .....	\$ _____/EA X 10 =	\$ _____
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4. Ten (10) 24”X24” Aluminum Signs with 3” Custom Text and posts at the direction of the Construction Manager in addition to the base scope requirements.
 

24”X24” Aluminum Sign .....	\$ _____/EA X 10 =	\$ _____
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5. Two (2) 48” X 80” ¾ Plywood Signs with plastic laminate facing including 3” custom text and 6”X6” timber posts at the direction of the Construction Manager in addition to the base scope requirements.
 

48” X 80” ¾ Plywood Signs .....	\$ _____/EA X 10 =	\$ _____
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6. 100 LF of 3’ wide, 4” thick temporary process walkway at the direction of the Construction Manager in addition to the base scope requirements.
 

3’ wide, 4” thick temporary process walkway .....	\$ _____/LF X 100 =	\$ _____
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7. 400 LF of 6’ high fencing with driven posts at the direction of the Construction Manager in addition to the base scope requirements.
 

6’ high fencing with driven posts .....	\$ _____/LF X 400 =	\$ _____
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8. 80 man-hours of labor to relocate perimeter site fencing at the direction of the Construction Manager in addition to the base scope requirements.
 

Journeyman .....	\$ _____/Hr X 80 =	\$ _____
Total .....		\$ _____
  
9. Twelve (12) traffic bollards and concrete required for installation at the direction of the Construction Manager.
 

Traffic bollard .....	\$ _____/EA X 12 =	\$ _____
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10. 20 concrete blocks (nominally 2' x 3' x 5' dead-men) for temporary use for a period of 12 Months at the direction of the Construction Manager in addition to base scope requirements. Include cost for removal from the site.  
 Concrete block dead-man .....\$ \_\_\_\_\_/EA X 20 = \$ \_\_\_\_\_
11. 200 LF of silt fencing at the direction of the Construction Manager in addition to the base scope requirements.  
 Silt fence .....\$ \_\_\_\_\_/LF X 200 = \$ \_\_\_\_\_
12. 24 hay bales at the direction of the Construction Manager in addition to the base scope requirements.  
 Hay Bale .....\$ \_\_\_\_\_/EA X 24 = \$ \_\_\_\_\_
13. 100 CYDs of 3" stone at the direction of the Construction Manager. Include base geotextile fabric and spreading at a depth of 12".  
 3" stone .....\$ \_\_\_\_\_/CY X 100 = \$ \_\_\_\_\_
14. 100 CYDs of ¾" Stone at the direction of the Construction Manager. Include spreading base geotextile fabric and spreading at the depth of 8"  
 ¾" Stone.....\$ \_\_\_\_\_/CY X 100 = \$ \_\_\_\_\_
15. 200 SF of temporary site concrete slab at the depth of 6" at the direction of the Construction Manager.  
 Temporary site concrete slab .....\$ \_\_\_\_\_/SF X 200 = \$ \_\_\_\_\_
16. 100 CYDs of imported topsoil spread to grade at the direction of the Construction Manager.  
 Topsoil .....\$ \_\_\_\_\_/CY X 100 = \$ \_\_\_\_\_  
 100 CYDs of imported topsoil spread to grade X \$ \_\_\_\_\_/CY = \$ \_\_\_\_\_
17. 100 CYDs of Common Fill at the direction of the Construction Manager.  
 Common Fill.....\$ \_\_\_\_\_/CY X 100 = \$ \_\_\_\_\_

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. **COST BREAKDOWN**

Total Material .....\$ \_\_\_\_\_  
 Total Labor Cost .....\$ \_\_\_\_\_  
 Total Subcontractor/Equipment Cost.....\$ \_\_\_\_\_  
 Total Applicable Sales and Use Taxes.....\$ \_\_\_\_\_  
 Allowances.....\$ \_\_\_\_\_  
 Total Bond Cost .....\$ \_\_\_\_\_  
 Total Bid .....\$ \_\_\_\_\_  
 Total Estimated On-Site Manhours ..... \_\_\_\_\_

2. **QUANTITY BREAKDOWN** *(Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)*

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	EA	\$
Mass Excavation	CY	\$
Trench Excavation	CY	\$
Interior Excavation	CY	\$
All other Excavation	CY	\$
Imported fill	CY	\$
Paving	SF	\$
Concrete Flatwork	CY	\$
All other Concrete	CY	\$
By-Pass Pumping	LS	\$
Sheeting / Shoring	LS	\$
Dewatering	LS	\$
Daily Clean-up	LS	\$
Other	LS	\$
Total Bid	LS	\$

**L. SCOPE OF WORK**

1. Description of Work Included

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:

- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

**GENERAL**

- 1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. **ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE.** Also, each week, in addition to safety training, safety meetings, and tool box talks that

- the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.
2. Retainage of 7.5% is intended to be withheld until Substantial Completion however “partial payments may be made if agreed to by the DCS and Gilbane.”
  3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
  4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor’s responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
  5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
  6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.
  7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
  8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
  9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
  10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
  11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.

12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.
20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall

- provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.
24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
  25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
  26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
  27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.
  28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
  29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.
  30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
  31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
  32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
  33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
  34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to

the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.

35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect’s response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor’s SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.
39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.
40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor’s responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor’s project manager and field supervisor.
41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license cost is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection



with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.

44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Provide all labor, materials, equipment and services required to complete all sitework, site preparation, excavation and backfill, earthwork, paving, site concrete work and site utility work as required and indicated in the contract documents. Work includes, but is not limited to, all clearing, dust control, dewatering, soil erosion and sediment control, environmental protection, controlled blasting, rough grading, structure excavation, backfilling and compaction for all utilities and building concrete, underpinning, site water system, storm sewage system, underslab drainage systems, foundation drainage systems all underground tanks, wells, exterior signage, guardrails, retaining walls, fencing, bollards, light pole bases, patio pavers, striping, site signage, site concrete, site precast concrete, privacy fencing, ornamental fencing, construction fencing and all other related work shown, indicated and specified within the contract documents.
2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:

033001	Site Concrete Work
101401	Site Signage

310000	Soil Investigation Data
311000	Site Clearing
312000	Earth Moving
312319	Dewatering
315000	Excavation Support and Protection
320100	Maintenance and Protection of Traffic
321216	Asphalt Paving
321313	Concrete Paving and Curbing
321373	Concrete Paving Joint Sealants
321400	Unit Paving
323113	Chain Link Fences And Gates
323119	Decorative Metal Fences and Gates
323223	Segmental Retaining Wall
329400	Timber Guide Rail
334100	Storm Utility Drainage Piping

In addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.

3. Prepare all areas for construction. Remove trees plantings and other construction indicated on drawings or otherwise necessary to perform work outlined in the contract documents. Restore all areas at the completion of the project. Do not remove or clear in areas not specifically indicated in the documents without prior approval from the Construction Manager. Protect trees and vegetation that is scheduled to remain from damage, traffic or storage.
4. PCB contaminated soil abatement and building and foundation demolition work by others will be completed prior to your work in the effected areas. Review the drawings for these locations and include backfill of these areas as needed for the new work. Should the quantities of PCB contaminated soils removal exceed the amounts indicated on the drawings, this bid package shall be granted an adjustment for increased import material at the unit prices stipulated in the contract documents.
5. Provide Site Water Systems including fire main, fittings, accessories, underground valves, indicator posts, valve boxes, fire hydrants for limit of work description in accordance with documents. Piping to the building shall be installed to just inside the building with a flange and the opening protected. Provide linkseal or other method of waterproofing all pipe penetrations into basements.
6. Verify dimensions and length of pipe for all utilities. Information provided on the drawings is for convenience only and should not be used for estimating or pricing purposes.
7. Include calling and scheduling "Call Before You Dig" agencies prior to any activities.
8. Provide temporary access roads, grading and fencing necessary and as shown on the Phasing Plans Site Utilization Plan and on the Site Logistics Plan. In addition to what is shown on the phasing plans, install temporary fencing around the portable classroom buildings during their construction. All temporary construction fencing shall be 6'-0" high and covered with solid fabric screening.
9. Conduct a precondition site survey. Survey to include examination, assessment and documentation of the existing building conditions. Include photographs and a videotape

- of any preexisting damage to the building. Submit survey to the Construction Manager immediately upon its completion and before any disruptive activities begin.
10. Provide all lines, grades, layout, field engineering and survey work as required to complete this scope of work.
  11. Provide temporary access roads, grading and fencing necessary and as shown on the Phasing Plans. Provide a level work surface around the buildings as required for general access, staging, scaffolding, material, hoisting, etc. Install temporary parking area as shown and maintain during the construction period. Re-grade/repair areas that become damaged during construction period. Remove at completion of project prior to making final site improvements. Provide signage shown on the Phasing Plans.
  12. Provide graded, compacted lay-down areas for the structural steel trade contractor. Provide a smooth, level area free from standing water for the structural steel erector's crane including the area required for access and staging in accordance with Subpart R of the 1926.750-761 OSHA Regulations.
  13. Include, on a daily basis, dust control throughout site. Also include sweeping of public roads and paved areas of the site daily for the duration of the project.
  14. Inspect and maintain storm water control measures including but not limited to silt fence, erosion controls, hay bales, rock traps, etc. as required by Federal and State regulations and the Contract Documents, which ever is more stringent, until such time as these systems are removed. Inspect weekly or after a storm or rainfall event, whichever is more frequent. Keep a log of deficiencies and repairs, provide a copy of the weekly report to the Construction Manager.
  15. Include Storm Sewage Systems including storm drainage piping to just inside the building with a flange and the opening protected , accessories, manholes, catch basins, paved area drainage, site surface drainage and trench drains in accordance with documents. Provide linkseal or other method of waterproofing all pipe penetrations into basements.
  16. Provide Environmental Protection including dust control, soil erosion and sediment control, noise control, pollution control, wheelwash stations, silt fencing, hay bales, and dewatering. Follow local ordinances
  17. Stockpile locations indicated on the drawings are to be considered guidelines. Location and relocation of stockpiles are to be coordinated in the field with the Site Geotechnical Engineer, the Construction Manager and the other Trade Contractors so as not to adversely affect the progress of the Work. If this Trade Contractor cannot find adequate stockpile locations on site, he may remove material and replace with new material as necessary at his discretion. There will be no additional costs paid for trucking, offsite storage or purchasing of replacement material if the contractor elects to exercise this option. Any replacement material must meet the specifications and be equal to or better than the material that was removed from the site.
  18. Include all site preparation work for the construction manager field office trailer. The office trailers will on the southwest portion of the site, see plans. Provide 6'-0" high chain link fence with fabric vision screen around the designated area. Provide ¾" stone parking area around entire trailer inside entire fenced area. Strip and remove topsoil from

- site, place geotextile fabric, lay down, grade and compact stone; recompact/replace as necessary due to movement from driving and plowing. After removal of trailers, remove fence and stone and return topsoil to area; spread topsoil, rake and seed entirely.
19. Provide connection of potable water and sanitary sewer to the Construction Manager's field office. Connection to include any taps, valves and insulation of piping necessary to provide a complete working system. Services are to be installed at the beginning of the project. At the end of the project, when the trailers are demobilized, cut and cap domestic water and sanitary lines at the point of connection to the main or closest manhole.
  20. Patch pave all excavations in active parking and driveway areas as required throughout duration of construction.
  21. Include earthwork, excavation and backfill for all Site Utilities whether or not being installed by this Trade Contractor.
  22. Include all site preparation work for the construction field office trailer and contractor storage area indicated on the Site Utilization Plan. Provide ¾" stone parking area around entire trailer inside fenced area. Strip and remove topsoil from site, lay down, grade and compact stone; re-compact as necessary due to movement from driving and plowing. After removal of trailers, remove fence and stone and complete as indicted in the contract documents.
  23. Exercise care to preserve material below and beyond the limits of excavation. Where excavation is carried out, through error, below indicated grade or beyond the lines of excavation, backfill to the indicated grade and compact with approved fill at no additional cost to the Owner, and at the direction of the Engineer or the Geotechnical Consultant.
  24. Provide a guard rail and debris protection system such as Garlock Railguard 200 installed with proper footing or base at perimeter (top) of excavation greater than **6 feet** deep capable of withstanding forces up to 200 lbs from any direction. Location subject to approval by the Construction Manager.
  25. On any cuts greater than ten (10) feet, provide chain link fencing anchored at the top of the excavation and draped to the bottom of the cut. Remove fencing in coordination with backfilling operation.
  26. Temporarily relocate existing storm water drainage system around construction area. Existing building storm drains and roof drainage cannot be compromised during construction activities.
  27. Control grading so that ground is pitched to prevent water from running to excavated areas, damaging other structures, or adjacent properties.
  28. Remove by pumping or other means water accumulated in excavation until earthwork backfill operations are complete to maintain a stable excavation and undisturbed subgrade at all times; and to allow construction to proceed in-the-dry. Properly discharge any pumped water through filtration or sedimentation methods per State and/or Federal guidelines and per the Contract Documents. All dewatering shall be performed at the Trade Contractor's expense.

29. There will be NO additional compensation for winter protection associated with this Trade Contractor. All cold weather work requirements shall be include in base bid. This Trade Contractor is responsible for frost protection of all excavations. Upon placement of the foundation and / or slab on grade within the foundation, the Concrete Trade Contractor shall become responsible for frost protection. Upon the commencement of backfill operations at any given location, frost protection responsibilities shall revert back to this Trade Contractor for that location.
30. Provide all dumpsters required to complete this work. Coordinate the location of your dumpsters with the Construction Manager. The Construction Manager's dumpster shall not be used by this Trade Contractor. Remove and legally dispose of all demolished materials. To the greatest extent possible the Trade Contractor shall recycle demolition material. Provide Construction Manager with documentation of the quantities of materials (tonnage) removed from the site. Also provide documentation of the quantities of materials (tonnage) recycled. In the event that the materials are not directly recycled by the Trade Contractor, provide copies of the monthly recycling report generated by the facility(ies) which receives the demolition debris. The Project has a goal of recycling at least seventy-five percent (75%) of the waste materials generated by the Project.
31. At the completion of the appropriate phase(s) of the project, complete the following final cleaning items related to sitework:
  - Remove all fencing, erosion and sedimentation control materials and re-grade/landscape as required to create smooth transition.
  - Clean entire project site, including landscape and existing wooded areas, of all rubbish, litter, debris and other extraneous materials.
  - Sweep paved areas broom clean. Remove stains and spills.
  - Rake grounds that are neither paved nor planted, to a smooth even-textured surface.
  - Clean all catch basins within the Project limits.
  - Remove marks, stains, finger prints, and other soil from finished, painted, decorated or stained surfaces of site furnishings and sidewalks.
32. Provide all Traffic Control required on-site and off-site maintaining vehicle and pedestrian traffic in the public right-of-way during the course of your work. Include police duty and signage as necessary. Coordinate concurrent trade contractor access to construction area.
33. Procure any and all permits, as required, to complete the work of this bid package and furnish copies of all permits to the Construction Manager as required. General building permit will be obtained by the Owner. Include all costs for utility company tie-ins.
34. Neatly sawcut and remove slab on grade in all areas where new structural and/or MEP underwork work is required. Review all drawings including structural and MEP drawings for extent of slab on grade removal required. Ensure any hazardous materials have been abated so that the concrete slabs on grade can be disposed of as standard construction debris.
35. Excavate, backfill, and compact for all utilities and new concrete foundation work on site and within the buildings both new and existing. At locations in the existing structures, replacement of slabs is by others. Provide all excavation and backfill work as required for the installation of new work. Particular attention should be made to the underground utilities shown on the Mechanical, Electrical, Plumbing and Fire Protection drawings.

Note that excavation and backfill for the interior underground in the new additions may be performed after the superstructure is erected. Cover and protect from trip hazard all trenches inside the buildings immediately after the concrete has been removed thru excavation and until concrete is placed.

36. Include the slab removal and excavation work noted on S1.01. See detail 5/S3.02 for width of slab removal. See also S1.11 and S6.07 for additional typical locations. Include all similar instance.
37. Provide underpinning where trenches or excavations occur below or adjacent to existing wall footings. See details on Drawing S0.03.
38. Provide detailed as-built drawings. Show locations of all installation by this contractor.
39. Provide all concrete work outside the perimeter of the building and as necessary to provide a complete installation of all work required by this Trade Contractor, including but not limited to sidewalks, curbs, planters, equipment pads, hold down pads, concrete around trench drains, concrete encasement around piping and duct banks, etc., thrust blocks, paving beds, pathway and other light foundations, light pole bases, stone wall footings, site stairs and ramps, and signs. Do not include exterior concrete pads shown on S1.03, S1.04 and S1.05
40. Provide all concrete encasement of buried utilities within the building as may be required. Replacement of concrete slabs is by others.
41. Provide all water, fire protection, sewer, drainage lines to just inside the building foundation walls. Provide all post Siamese and hydrants. Provide hook-up to existing utilities in the surrounding streets or on site, as applicable.
42. Provide drain, sewer, electric, and telecommunication manholes including frames, covers and grates as indicated and as required to meet the requirements of the respective utility company.
43. Provide all expansion joints, backer rods, preformed joint filler and sealants within the work of this trade and between the work of this trade contractor and adjoining construction.
44. Include all site snow removal and sanding as required outside of the footprint of the building and within the footprints on grade and at Construction Manager's office trailer areas. Plowing and piling of snow to be confined within the site clearing limit lines. Snow removal is to be included as needed at all access roads to the site and building, designated parking areas, staging areas and at all pedestrian walkways on the site and into the building. Sanding and snow removal work shall be completed by 6:30 AM each work day. The site has limited staging areas for material and equipment; haul off site and legally dispose of any excess snow that cannot be stockpiled on site.
45. Readjust the elevation of the top of structures as required after final paving, loaming, mulching.
46. Finish grade below the slab on grade (S.O.G). to +/- 1" (Net 0)

47. Provide and maintain on site at all times, one Emergency spill kit similar to Safety Source Northeast (800-364-6113) Catalog N: SKA-20 including at least (12) pads 16" x 20", (3) Booms 3" x 12', (2) pillows 18" x 18", goggles, nitrile gloves and (3) disposal bags.
48. Provide all pavement markings as specified and/or as shown on the drawings. Provide temporary striping in the roads and on the site. Review the phasing plans for an indication of the temporary striping that will be required. At such time when the permanent striping is to be installed, black-out temporary striping with permanent paint prior to re-striping with final configuration. Maintain and adjust temporary striping to follow job progress.
49. Install, maintain and clean the vehicle anti-tracking pad as necessary and as directed by the Construction Manager. Also include all costs and services (including utilities) to provide a wheelwash station at each jobsite entrance. Wheelwash station(s) may be automatic or manned, however, every vehicle leaving the site, whether related to your work or not, must be clean when exiting the site. Include all costs accordingly.
50. All environmental controls shall be maintained as necessary during construction and removed by this trade contractor at the completion of the project and after the areas are stabilized. All built-up silt and debris is to be removed first to prevent its release; the storm systems are to be cleaned of any and all accumulated silt and debris. Dispose of all silt and debris material legally.
51. Provide all site signage and temporary site signage that is indicated on the drawings. Review the phasing drawings to become more familiar with the requirements.
52. Connect to 1" water service shown on P1.01 and extend to underside of portable classroom building. Place piping a minimum of 4'-0" below finished grade and only rise when under the portable structure. Terminate with a valve and cap just above grade.
53. Extend 4" PVC sanitary line from manhole adjacent to the temporary classroom building to the underside of the portable building. Terminate and cap 2'-0" above grade for connection by 13A trade contractor.
54. When the portable classrooms are removed from the site remove all foundations and underground structures in their entirety and legally dispose off site. Cut and cap underground sanitary and water below grade. Water service to be capped a minimum of 4'-0" below grade and back to the tie-in point. Infill voids left from removal of foundations and utilities.
55. Provide temporary precast concrete "Jersey" barriers around the portable classroom building and elsewhere on the site as shown on the Drawings and Site Utilization Plan.
56. At locations where existing trenches or openings in the slab on grade call out to be infilled, provide compacted gravel fill as shown on Details 9, 10 & 11 on S3.05.
57. Steel Bollards are to be furnished by BP05B and are to be installed by this Trade Contractor. Provide concrete for setting and for filling as required.
58. The landscape contractor owns fine grading in areas where grass and plantings are scheduled. In those areas bring subgrade to within 6" of finished grade. In all other areas grade to finished grades shown on drawings.

59. Maintain lawn around construction fence and within the construction areas. Cut and trim any grass areas weekly, at a minimum. Include maintaining grass around construction trailers.
60. Remove and dispose of all concrete wash-out whether or not it was generated by the work of this Trade Contractor. Create and maintain containment areas for use by others and remove wash-out materials as needed.
61. Include removal and disposal of elevator jack hole drilling spoils. Assume material to be non-hazardous.
62. Provide the Project Sign described in Spec Section 01 50 00 3.3.I. Coordinate wording and installation sequence with Construction Manager.
63. Provide the crushed stone infill at all locations noted inside the building.
64. Provide demolition and removal of all existing building components/structures below grade as required and or shown on the drawings. See S1.01, at A47 line and AA.6, for typical example of demolition work required by this bid package. Demolition and removal of the Classroom Wing shown to be demolished in the D drawings is by others.
65. Include compacted gravel on existing slabs. See 4 & 5/S3.06 and all other similar details.
66. Provide the temporary vegetative cover as needed per the requirements indicated on L1.18.
67. Strip and stockpile topsoil on site. When scheduled, spread screened, stockpiled topsoil to specified depths at lawn and planting beds and provide any additional screened topsoil as required. Topsoil/growth media for tree pits as well as any topsoil amendment is by BP32A Landscaping.

2. Description of Work Excluded

1. Landscaping
2. Excavation for portable classroom foundations
3. Furnishing steel bollards
4. Exterior concrete pads shown on S1.03, S1.04 and S1.05
5. 107500 Flagpoles
6. Topsoil amendment and topsoil/growth media for tree pits

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:
  - Gilbane Project Manual
  - All Division 01 – General Requirements
  - 033001 Site Concrete Work
  - 101401 Site Signage



310000	Soil Investigation Data
311000	Site Clearing
312000	Earth Moving
312319	Dewatering
315000	Excavation Support and Protection
320100	Maintenance and Protection of Traffic
321216	Asphalt Paving
321313	Concrete Paving and Curbing
321373	Concrete Paving Joint Sealants
321400	Unit Paving
323113	Chain Link Fences And Gates
323119	Decorative Metal Fences and Gates
323223	Segmental Retaining Wall
329400	Timber Guide Rail
334100	Storm Utility Drainage Piping

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

#### **N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.

**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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**PROPOSAL FORM  
FOR  
ADDITIONS AND RENOVATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR**



**GILBANE JOB NO. 11.5311.000  
BID PACKAGE No. 32A LANDSCAPING – SBE Set-Aside**

**NOTE THAT THIS BID PACKAGE HAS BEEN SET ASIDE FOR SMALL BUSINESS ENTERPRISE (SBE)  
BIDS ONLY. BIDS BY NON-SBE CONTRACTORS WILL BE REJECTED.**

**PRE-BID CONFERENCE:** October 11, 2011  
**TIME:** 3:00 PM

**PROPOSAL DUE DATE:** November 1, 2011  
**TIME:** 2:00 PM

**LOCATION:** HC Wilcox Technical School  
298 Oregon Road  
Meriden, CT 06451

**LOCATION:** Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033

**DEADLINE FOR SUBMISSION OF QUESTIONS:** October 25, 2011

**To:** Gilbane Building Company  
208 New London Turnpike  
Glastonbury, CT 06033  
Attention: Patrick J. Delany, District Chief Purchasing Agent

FIRM NAME:

\_\_\_\_\_  
\_\_\_\_\_

\_\_\_\_\_ the undersigned

**A.** Proposes to furnish all labor, materials, equipment and services as required to satisfactorily complete all **Landscaping** work herein described as Bid Package **No. 32A** as required for the additions and alternations at HC Wilcox Regional Vocational Technical School Project, all in accordance with the Drawings and Specifications as prepared by Tai Soo Kim Partners, LLC, the Gilbane Project Manual, and this Proposal Form.

**B.** All work required by the foregoing documents will be accomplished for the Lump Sum Bid Price of

\_\_\_\_\_ Dollars (\$) \_\_\_\_\_).  
(Show amount in both words and figures. In case of discrepancy, amount shown in words will govern.)

The Lump Sum Bid Price above INCLUDES all applicable sales and/or use taxes; INCLUDES all insurance premiums required to meet contractual insurance requirements; and INCLUDES all premiums for a Performance Bond and a Labor and Material Payment Bond in the sum of one hundred percent of the Contract price.

C. Bidder agrees that if written notice of the acceptance of this bid is mailed or delivered to the undersigned within one hundred eighty (180) days after the Proposal Due Date, or any time thereafter before it is withdrawn, the undersigned shall meet a representative of the Gilbane Glastonbury office or a mutually agreed upon location to execute the Contract. Performance and Payment Bonds and the appropriate insurance certificates will be delivered to the Construction Manager at the time of execution of the Contract. Failure to execute said contract within ten (10) days after receipt of Notice to Award may be considered a default under the obligation of the bid bond.

D. The above price includes all stipulations and requirements of the following Supplements:

- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_
- Supplement \_\_ dated \_\_\_\_\_

which have been received and accepted by the undersigned. Note that it is incumbent of the bidder to include all Supplements issued in the bid. Failure to acknowledge a supplement does not relieve the bidder from the requirements of the supplement.

**E. MILESTONE SCHEDULE DATES**

See Gilbane Project Manual section 00 31 13 – Schedule for activity milestones, durations, and reference. This schedule represents the general milestones that need to be met to achieve the overall project completion dates, and provides guidance to the bidders to understand the time constraints the work must be performed under. The project detailed schedule, in accordance with the terms of the Contract and General Conditions, will be derived from a “Card Trick” scheduling session with mandatory attendance by all prime Trade Contractors.

- 1. Anticipated Date of Contract Award: ..... January 19, 2012
- 2. Commence Shop Drawings and Submittals..... January 19, 2012
- 3. Commence Work for the Proposal:..... October 4, 2013
- 4. Bid Package Substantial Completion:..... October 29, 2014
- 5. Project Substantial Completion..... November 5, 2014

**F. TRADE SUBCONTRACTORS AND MAJOR SUPPLIERS**

The following trade subcontractors are proposed for the item of work listed. Trade subcontractors are subject to review per the General Conditions.

ITEM OF WORK	TRADE SUBCONTRACTORS
_____	_____ EMR: _____
_____	_____ EMR: _____
_____	_____ EMR: _____
_____	_____ EMR: _____

**G. UTILIZATION OF MINORITY CONTRACTORS AND SUPPLIERS**

1. The Bidder will endeavor to obtain a minimum goal of twenty-five percent (25%) of the awarded amount to minority business trade subcontractors and/or suppliers certified by the **State of Connecticut**.
2. The successful Trade Contractor shall substantiate this participation within ten (10) days after receipt of Notice of Award. Refer to the General Instruction to Bidders for further information.
3. Indicate here the utilization of certified S/MBEs included in the base bid. Failure to comply with M/WBE participation goals may constitute a non-responsive proposal. **IF NO INDICATION IS GIVEN, IT SHALL BE INTERPRETED THAT ZERO M/WBE PARTICIPATION IS INCLUDED.**

This proposal includes \_\_\_\_\_% certified SBE participation.

This proposal includes \_\_\_\_\_% certified MBE participation.

4. S/MBE participation shall count toward stipulated contractual goals or requirements only as described in the General Instructions to Bidders.

**H. UNIT PRICES**

Unit Prices shall be used, where applicable, to make adjustments to the cost of the Work due to changes. All Unit Prices submitted shall be complete in-place prices (unless noted otherwise) and include all costs for overhead, profit, labor, materials, equipment, and any other incidentals related to the completion of the Work, and shall remain firm for the period of the contract. Unit prices listed are for additive work. Deductive unit prices will be calculated at no less than 85% of the additive unit price (100% if used in conjunction with an allowance).

**UNIT PRICES:**

1. Imported topsoil, amended and in place ..... \$ \_\_\_\_\_ /CY
2. Seeding - conventional..... \$ \_\_\_\_\_ /SF
3. Seeding - hydro ..... \$ \_\_\_\_\_ /SF
4. Attach to this bid a complete plant listing with unit prices for each plant listed in the Plant List and Basin Plant List on drawing L1.10.

**Changes in the Work.** All bidders are herein advised that they are to provide, in the space provided below, a written description of how they would price lump sum changes. It is understood that the Unit Prices which you would insert in this Proposal Form response would be one element of the Change pricing, however, it is necessary to determine up front and reach agreement on, your intended method of determining units of labor productivity and material pricing as well. Bidders are to be explicit as to what Manual(s), if any, are intended to be utilized. Once accepted by the Construction Manager, provide copies of all applicable pricing manuals for use by the Construction Manual in evaluating Change Order pricing.

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Provide labor rates which may be used, subject to review and approval, in pricing any extra work that may be required. Rates are to be complete billing rates and are to include actual wages, taxes, fringes, insurance, small tools and incidentals and **15%** overhead and profit (combined). Base price on current rates in effect at time of bid. As prevailing wages and fringes rate change, these increases will be added to the labor rates at actual cost. Increases in wage rates are subject to audit. Complete the attached Wage Rate Breakdown Form for each classification of worker anticipated to work on the Project.

**I. ALTERNATE PRICES**

An Alternate Price shall include all costs associated with the changes, omissions, additions or other adjustments to the Work of this Bid Package (Contract) which are described in the Alternate, or are reasonably inferable therefrom. Claims for extras resulting from changes caused by the acceptance or rejection of any Alternate will not be allowed. Alternate Prices shall also include all costs of overhead, profit and bonds associated with the work of the Alternate, whether additive or deductive.

The Drawings, Specifications and other Contract Documents shall be considered appropriately modified by either the acceptance or rejection of the various Alternates. The Owner and the Construction Manager expressly reserve the right to accept or reject any, or all, Alternate Prices, and in any sequence prior to or after award. Acceptance or rejection of any Alternate does not relieve the Bidder of timely completion of the Work within the time periods indicated.

ALTERNATES:

None.

**J. ALLOWANCES**

The Bidder includes the following Allowances and rates in the total Lump Sum Amount of the Base Bid for this Bid Package. Further to Article 10 in the General Conditions and unless noted otherwise below, the following allowance amounts include the Trade Contractor's cost of materials less applicable discounts, delivery to the site, applicable taxes, unloading, handling, installation, allowable overhead and profit. All other costs associated with completing the work described in the allowance is included in the base bid but outside of the allowance amount.

ALLOWANCES:

1. 100 man-hours of premium time portion only of the labor rate to accelerate work in addition to the base scope requirements at the direction of the Construction Manager. Note that the Trade Contractor remains responsible to maintain the schedule and that this allowance will not be used for that purpose.

Journeyman.....	\$ _____/Hr X 90 =	\$ _____
Foreman.....	\$ _____/Hr X 10 =	\$ _____
Total.....		\$ _____

2. 100 Man Hours to provide site clean-up in addition to the base scope requirements at the direction of the Construction Manager.

Journeyman.....	\$ _____/Hr X 100 =	\$ _____
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3. 100 Man Hours for temporary site improvements beyond base contract requirements necessary due to phasing.

Journeyman.....	\$ _____/Hr X 100 =	\$ _____
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4. 400 CY of impoted and amended topsoil in place in addition to the base scope requirements at the direction of the Construction Manager.  
 Topsoil .....\$ \_\_\_\_\_/CY X 400 = \$ \_\_\_\_\_
5. 15,000 SF of hydro seeding at the direction of the CM in addition to the base scope requirements.  
 Seeding - hydro .....\$ \_\_\_\_\_/SF X 15,000 = \$ \_\_\_\_\_

**K. COST AND QUANTITY BREAKDOWN**

In order to properly evaluate the Proposal, provide the following information. The Scope of Work to be awarded will not be influenced by the cost and quantity information requested here.

1. **COST BREAKDOWN**

- Total Material .....\$ \_\_\_\_\_
- Total Labor Cost .....\$ \_\_\_\_\_
- Total Subcontractor/Equipment Cost.....\$ \_\_\_\_\_
- Total Applicable Sales and Use Taxes.....\$ \_\_\_\_\_
- Allowances.....\$ \_\_\_\_\_
- Total Bond Cost .....\$ \_\_\_\_\_
- Total Bid .....\$ \_\_\_\_\_
- Total Estimated On-Site Manhours ..... \_\_\_\_\_

2. **QUANTITY BREAKDOWN** *(Note: The items listed below are not intended to be an all inclusive listing, but merely to highlight some items of work.)*

**THE INFORMATION LISTED BELOW IN THE QUANTITY BREAKDOWN SECTION IS REQUIRED AT THE TIME OF BID SUBMISSION.**

Item	Quantity	Total Cost
Mobilization	_____ EA	\$ _____
Safety	L.S.	\$ _____
Plant Material	L.S.	\$ _____
Turf and Grasses	L.S.	\$ _____
Topsoil	_____ CY	\$ _____
Allowances	L.S.	\$ _____
Other	L.S.	\$ _____
Total Bid	L.S.	\$ _____

**L. SCOPE OF WORK**

1. **Description of Work Included**

Except for those items (if any) specifically noted in the section below entitled "Description of Work Excluded", the Work of this Bid Package shall INCLUDE all of the following:



- a. All items of work required by, and/or specified in, those Sections of the Specifications which are listed herein, under Section M SPECIFICATIONS.
- b. All items of work related to the "Scope of Work", which are shown on the Drawings listed herein under Section N Contract Drawings.
- c. The following "Significant Items of Work" are related to those required by the above referenced documents and are to be provided under, and hereby form a part of, the Scope of Work of this Bid Package (Contract). Should any conflict exist between this written scope of work and the scope of work inferred by the above referenced documents, this scope of work shall govern. All items are furnished and installed by this Trade Contractor unless noted otherwise.

### **GENERAL**

1. Include all costs for Trade Contractor personnel and all sub-trade contractor personnel for safety orientation and other safety related meetings, etc. for all labor forces working on this jobsite. This orientation is mandatory for all personnel working on-site and is expected to last approximately 1/2 hour. Safety orientations will be scheduled by the Construction Manager. ALL PERSONNEL (including truck drivers) MUST ATTEND THE SAFETY ORIENTATION PRIOR TO PERFORMING ANY WORK ON SITE. Also, each week, in addition to safety training, safety meetings, and tool box talks that the Trade Contractor provides to their employees, include attendance by all on-site personnel to attend a weekly safety talk that will be conducted by the Construction Manager. This talk will take place on a regular basis one day a week immediately following the lunch break and will last no longer than 10 minutes.
2. Retainage of 7.5% is intended to be withheld until Substantial Completion however "partial payments may be made if agreed to by the DCS and Gilbane."
3. This Trade Contractor will not be allowed to begin work on the project until the following items have been submitted: Certificate of Insurance, written Safety Program with Job Hazard Analysis, material status report and a list of all materials required under this Contract with indication of which materials require submittal for approval as outlined in the specifications and a schedule of anticipated date(s) of submittal for each.
4. The items listed herein are not intended to be an all-inclusive listing of the specified Contract Scope of Work, but merely highlight the major items of work. Review the scope of work closely and include all cost to provide all work as required by this bid package. Provide all work required by your scope of work which may be contained in other specifications, or on drawings whether or not specifically listed within this Proposal Form. Should a scope of work item be duplicated in another bid package, do not delete the item from your bid. Notify the Construction Manager immediately. Failure to include costs for a duplicated item will not alleviate the Trade Contractor's responsibility to provide full credit for the item should it be deleted from the bid package after a contract is awarded.
5. Gilbane shall have the right to assemble the craftsmen for orientation, quality, daily stretching, and safety related matters at no additional cost
6. Parking will be available on site in areas to be designated by the Construction Manager. Please refer to the Site Utilization Plan detailing parking in Lot A. A portion of the lot will be provided for parking, general lay-down, and storage containers.

7. Construction is to be sequenced and phased per the Gilbane project schedule included in the Project manual and the Phasing Drawings. Review these documents carefully. The school will remain active during construction, and cannot be disrupted. Work within the existing building is to occur as the schedule depicts. Every effort will be made to work around the school schedule, vacations and days off will be utilized.
8. Provide all labor necessary to unload, distribute, and re-handle his material as required until such time that material is in place.
9. All costs required for transporting, erecting, dismantling, and removal of temporary facilities and equipment required by this Trade Contractor are to be included in the base bid amount.
10. Trade contractors shall participate with the inspection walkthroughs as requested by the Construction Manager. Provide suitable access for inspectors to perform all tests or inspections. Trade Contractor supplied temporary ladders and lifts to perform their work are to be available for the use of all parties.
11. The site is very restricted and the building will be occupied during the work. Deliveries and storage must be coordinated with the Construction Manager in advance. On site storage will not be available without prior approval by the Construction Manager.
12. All equipment used on the Jobsite shall be in good working order and maintained and operated as designed and have state of the art noise, vibration and exhaust control
13. Layout from a bench mark provided by others is the responsibility of the Trade Contractor requiring the layout.
14. Immediately notify the Construction Manager of any delays to the schedule of this bid package scope which is being caused by the work of any other Trade Contractor on site. This requirement supersedes other notice provisions in the Contract Documents for this type of delay.
15. This Trade Contractor shall keep all access roadways free and clean from equipment, material, soil or objects which may inhibit the flow of traffic.
16. Daily cleanup is to be provided on a daily basis to a central location and the adequate cost for same is to be carried in the proposal response. Daily clean up is defined as properly removing all debris, neatly organizing remaining material, and broom sweeping work areas, etc. after completion of the day's work at a minimum of EVERY SINGLE DAY.
17. The schedule of values will contain line items for clean up, submittals, safety and as-builts and close out in addition to line items apportioning "the Work". Payments made against these items will be directly related to Trade contractor's Performance. A schedule of values must be submitted and approved prior to the first application for payment being submitted.
18. Electrical power for 110 v. power tools and its consumption cost is by others. Include all cost for electrical connection or hook up required is by this bid package.
19. Sets of documents are available at the Trade Contractor's expense. Contact Service Point at 203.624.0079.

20. Whenever the contract documents require a certified engineer's stamp, review or report, it shall be understood to mean an engineer licensed in the applicable discipline, fully insured and registered in the State of Connecticut.
21. Demobilize/remobilize as the construction schedule and/or weather conditions require at no extra cost.
22. Each Trade Contractor will perform a First Delivery Inspection of materials with the Construction Manager to confirm that materials meet the Project Specifications and approved submittals. These reports shall be turned in with the daily report no more than 24 hours after material arrival. Submission of the First Delivery Inspection Report is a condition of monthly payment. All delays that result from failure to confirm materials delivered with the Construction Manager are at the Trade Contractor's cost, including those of other Trade Contractors on this Project. The Construction Manager will provide a form for this use, which is to be jointly filled out by the Construction Manager and the Trade Contractor. It is the Trade Contractor's responsibility to perform subsequent delivery inspections to ensure compliance with Specifications. Include Benchmarking of initial installations in accordance with the Quality Plan in the Project Manual.
23. There will be no deviations from the submittal format established by the Project Specifications. It is the Trade Contractor's responsibility to complete Submittals in a timely fashion, and to monitor the status of the A/E review. The Trade Contractors shall provide a Submittal Schedule no later than ten (10) days following the receipt of the Notice of Award. All submittals must be received by Construction Manager within 60 days of award, or earlier as required to meet delivery schedules. Include in the schedule a listing for any equipment or materials where shop drawings will take more than 4 weeks to prepare, and for equipment or materials that will take more than 6 weeks to arrive following shop drawing approval.
24. Any payment for overtime work, if authorized as an extra, is for labor, and not for equipment provided on job during regular shift.
25. The successful Bidder shall be responsible for all winter conditions and temporary protection associated with the work of this bid package. If applicable, Include snow removal as necessary to perform your work, except access to the site and slabs, which is by others
26. Each Trade Contractor, where applicable, will receive, unload, and distribute, secure and install all materials furnished by others for installation under this scope. All fittings and hardware required for final connection and installation shall be by the installer.
27. The Construction Manager will arrange to provide temporary electrical power panels for hand tools (by –Electrical Trade Contractor) and water (by HVAC & Plumbing Trade Contractor) at the site for the Trade Contractor's use.
28. Trade Contractor must not use building or site sewage or drainage systems for equipment cleaning purposes.
29. There will be no watchman or security guard on site. All trade Contractors are responsible for security of materials, equipment, and work in place until acceptance as it relates to your work. This includes safety barriers and precautions during off-hours.

30. It is the trade contractor's responsibility to request a preconstruction meeting 30 days prior to commencement of work or 30 days prior to the start of shop drawings where coordination with other trades are required.
31. Specification Section 01 45 00 Paragraph 1.4, B indicates that the re-testing or re-inspection of deficient items are the cost responsibility of the CMR. This will be the cost responsibility of the Trade Contractor. The Trade Contractor shall ensure to submit requests for ALL inspections to the Construction Manager and shall ensure that the assembly to be inspected has been reviewed in advanced of the inspector. Any costs associated with re-inspection will be the trade contractor's responsibility
32. The trade contractor shall request approval from the Construction Manager to work overtime 72 (Construction Manager has 48 hour notice request to the owner) hours in advanced
33. Deduct changes utilizing the Unit Prices per Specification Section 01 20 00 Part 1.5 D – Unit Prices will be issued at a 10% reduction of the Contract Unit Price
34. Specification Section 01 25 00 – Paragraph 1.4 A specifically indicates that the owner will consider requests for equal or substitutions if made prior to the Construction Manager's Subcontractor Competitive Bid. The trade contractor must submit (in the format indicated) requests for substitution or equals a minimum of two (2) week prior to the bid date as a means of allowing for adequate time for review and consideration by the owner and A/E.
35. RFIs process under the Contract Modification Procedures – Specification Section 01 26 00 – The trade contractor shall be timely in reviewing documents. The Construction Manager has a 5 day notice period to inform the owner of potential changes following the Architect's response per Specification Section 01 26 00 – Paragraph 1.3, Part 6. The trade contract will have two (2) calendar days to provide such notice to the Construction Manager or the trade contractor waives the right to seek additional time or cost.
36. RFPs issued by the architect and submitted to the trade contractor by the Construction Manager shall be responded to within 7 calendar days.
37. Specification Section 01 29 76 – Paragraph 1.3 – Part 4 specifically notes SOV requirements of the Construction Manager to the owner. Item Nos. b, d, e, f, and h are specifically tied to the deliverables required by the trade contractors. These items shall be specifically itemized in the trade contractor's SOV to the Construction Manager. The trade contractors inability to submit or perform the referenced work will result in forfeiting the monthly value and a deduct change order will be processed.
38. A minimum of one safety meeting per month is required per Specification Section 01 31 19, 1.6.
39. Fire Stop Systems – A single source fire stop manufacturer will be selected by the Construction Manager from the list of providers noted in the Contract Documents. The trade contractor will be required to provide fire stop systems as it applies to the individual scope. The trade contractors shall also include fire stop / safe labeling and tagging each penetration or application with data including but not limited to Installer, Contractor, Location, System used, and date. Also, the trade contractor shall provide data log entries for use in generating an as-built plan including location.

40. Refer to perimeter fencing and gates as indicated on the Site Utilization Plan. The site contractor will provide all fencing and it is each trade contractor's responsibility to keep the gates closed when entering or exiting the site. The gates shall be closed at all times. This will be included as part of the initial orientation process but must be reinforced by the trade contractor's project manager and field supervisor.
41. The State will utilize PM Web for electronic documentation submission for all daily reports, safety reports, submittals, as-builts, and RFIs. The license cost is \$750 per trade contractor plus 20% each year (or any portion of a year) for maintenance. For example, if the license is purchased in February, 2012 and is needed through September of 2014, the cost would be \$1,200, \$750 for the license fee plus 20% (\$150) per year for maintenance for 3 years (\$450 total), even if the duration is only 31 months of usage.
42. Trade contractors will be required to enter daily reports in PM Web on a community computer provided and located by the Construction Manager. It is recommended that your field foreman is equipped with their own computer for efficiency in the event the community computer is not available due to use by other trade contractors during the work day.
43. All reference in the contract documents to the Construction Manager/CMR/General Contractor/Contractor as performing any field work or providing services in connection with any aspect of the Work shall be understood to mean the Trade Contractor. The Construction Manager will not layout, log, record, or otherwise provide actual work or service related to the Trade Contractor's scope of work, inclusive of Division 0 and Division 1 specifications.
44. Note specification section 01 78 30, 1.3, F; minimum warranty period is eighteen (18) months unless specified otherwise for a longer duration. The warranty period does not commence until final acceptance by the Owner. Do not assume a shorter warranty period regardless of a shorter period stipulated elsewhere in the documents and include all costs accordingly.
45. Gilbane has automated its monthly payment application process and solely utilizes an online web-based application provided by Textura LLC. Trade contractors will be required to participate and must implement Textura on the project. Textura will automatically generate the AIA G702/703 and Lien Release Documents. Any additional documentation required as part of the Gilbane application process must be uploaded in the form of a PDF prior to your submission. There is a nominal fee to use this service. These costs are summarized in the Textura brochure included as an attachment to this bid package. Include the costs of using this service in your bid. If you have any questions regarding Textura's Terms and Conditions, costs of service, or training implementation please contact Textura at 866-TEXTURA (839-8872).
46. Conduct an in-house kick-off meeting which must include the personnel that estimated the project and attended the scope review meeting with Gilbane and the personnel that will administer the project (project manager, lead field foreman, accounting, purchasing, etc.). The kick-off meeting must transfer the knowledge of the estimating team to the project administration team. Produce and submit for record the minutes of the meeting, complete with attendance sign-in sheet to the Construction Manager. In the event the Construction Manager is required to devote excessive amounts of time to educating trade contractor administrative personnel on the requirements of the project, the Trade

Contractor may be billed for that time at the rates in the Construction Manager's contract with the Owner.

**SPECIFIC ITEMS:**

1. Provide all labor, materials, equipment and services required to complete all landscaping as required and indicated in the contract documents. Work includes, but is not limited to, all seeding, soil preparation, lawns, grasses, mulched beds, finish grading, plantings, watering, fertilizing and maintenance, and all other related work shown, indicated and specified within the contract documents. This includes, but is not limited to providing and including all equipment, pre-planning, coordination, prep work, layout, provisions for items furnished by others and providing work specified elsewhere in the Specifications, but specifically listed within this scope of work and maintenance of all installed work until final acceptance and all other related work shown, indicated and specified within the contract documents. Coordinate with other Trade Contractors for the installation (and/or testing) of their work.
2. Provide all work indicated on the drawing and as specified in the following Specification Sections. The work specified in the following specification sections is the sole responsibility of this Trade Contractor unless modified below:  
329200 Turf and Grasses  
329300 Plants  
In addition, the Trade Contractor shall provide work specified elsewhere in the Specifications and specifically listed within this scope of work.
3. Protect all walks and all construction adjacent to the work of this bid package. Adequately and safely secure work whenever it is not manned and at the conclusion of each day. Protect all excavations made by this Trade Contractor. Provide and maintain protection for all equipment and material provided under this contract. All costs generated by the failure to meet this requirement shall be the responsibility of this Trade Contractor. Remove protection from area after completion of work and repair all damaged areas as necessary and/or required.
4. Research plant sources and delivery schedules according to the specifications and be prepared to identify sources at time of scope review.
5. Plant tagging shall begin immediately after award for all trees and evergreen shrubs. Maintain all dug materials from time of digging until the end of the warranty period. The warranty period does not commence until Project substantial Completion.
6. Provide any tree protection and erosion control necessary to perform your work.
7. The Site Preparation Trade Contractor will be providing subgrades to +/-1", net 0, of the elevations shown on the drawings in lawn, shrub and stone mulch areas. The Landscape Trade Contractor shall provide all work from this point to finish grades including all "pave-edge."
8. The building permit is obtained and paid for by others. This Trade Contractor shall include the cost for all other permits, licenses, fees, etc. required for your work.
9. Provide all necessary clean-up (street cleaning, etc.) to maintain clean roadways, clear from dust, mud, etc.

10. Topsoil will be screened and spread to specified grade at lawn and planting bed areas by BP31A Sitework. Provide all other needed topsoil, all raking, all testing, and provide any additional nutrients and materials (amendment) as needed in accordance with the Project requirements. Provide all additional topsoil and/or growth media at tree pits.
11. Provide all necessary excavation and backfilling required to install materials included in this scope of work which are below the limits of the rough grading.
12. Clarify if the specified size of tree is unattainable. Trade contractors should not assume that a smaller or larger caliper tree would be acceptable.
13. Provide all dust control associated with the execution of the scope of work for this package.
14. Any materials, such as filter fabric that are required as a part of the scope of work of this package and below the 6" rough grade are by this trade contractor.
15. Employ a licensed arborist to repair damage to trees.
16. Any testing that is required and not specifically identified as being provided by the Owner or others per the specifications is by this trade contractor.
17. Site lighting including excavation, backfilling is by others. Site lightpoles and site bollards are by others.
18. Include the relocation of temporary fencings as required for the complete performance of the work.
19. Relocate existing boulders as directed by the architect.
20. All fine grading of the rough grade shall be by this trade contractor (including any and all additional excavation required for plantings and any other work of this bid package).
21. Upon commencement of the Landscaping Work it will be the Landscape Trade Contractor's responsibility to maintain erosion control measures (silt fence) at the topsoil stock piles and as otherwise required.
22. Lawn maintenance and cutting shall include the limits of the site and 20' beyond the limits of the site.

2. Description of Work Excluded

1. Site Lighting
2. Bollards

**M. SPECIFICATIONS**

The following Specifications Sections, together with the Drawings and other related items of work as described herein, further define the Scope of Work of the Bid Package (Contract):

1. Specific work of this trade as defined in the following Specification Sections:

Gilbane Project Manual  
All Division 01 – General Requirements  
329200 Turf and Grasses  
329300 Plants

2. Work related to this trade as defined in the following Specification Sections:

All other specification sections as listed in the Project Manual for the Additions and Renovation HC Wilcox Regional Vocational Technical School project, Table of Contents, dated Rev. 102010 as prepared by Tai Soo Kim Partners, LLC. Note this table of contents may be modified by Bid Supplements and Addenda.

**N. CONTRACT DRAWINGS**

1. The following drawings are included in the Scope of Work of this Bid Package.

All drawings as listed in Section 00 01 15 – List of Drawing Sheets with schedule titled Additions & Alterations HC Wilcox Technical High School, Meriden, CT, State Project No. BI-RT-843 Contract Drawing List, dated September 26, 2011. Note this list may be modified by Bid Supplements and Addenda.



**O.** The undersigned represents that this Proposal is made in good faith, without fraud, collusion, or connection of any kind with any other bidder of the same work, that he is competing in his own interest and in his own behalf, without connection of obligation to any undisclosed person, that no other person has any interest in regard to all conditions pertaining to the Work and in regard to the place where it is to be done, has made his own examination and estimates and from them makes this Proposal.

The undersigned represents that he has reviewed the Trade Contract Agreement issued as part of the bidding documents, agrees that if selected for award he will execute the Trade Contract Agreement without exceptions, exclusions, qualifications, clarifications and/or alterations, and is authorized to make such representation on behalf of the Bidder.

The undersigned represents that he has reviewed the insurance requirements in Article 6 of the Trade Contract Agreement, has included all costs to fully comply with same, and is authorized to make this representation on behalf of the Bidder.

Bidder: \_\_\_\_\_  
(Legal Signature) (Type/Print Name)  
\_\_\_\_\_  
(Title)

Firm: \_\_\_\_\_ Address: \_\_\_\_\_  
Business Phone No.: (\_\_\_\_) \_\_\_\_\_  
Business Fax No.: (\_\_\_\_) \_\_\_\_\_

This bidder is a (an): \_\_\_\_\_ Individual, Partnership, Corporation  
**Current Experience Modification Rating** \_\_\_\_\_ **Federal ID#** \_\_\_\_\_  
**OSHA Incident Rates: Recordable** \_\_\_\_\_

List here by title and number all licenses held by the bidder associated with the performance of this work.

License Title	License Number
_____	_____
_____	_____
_____	_____

Indicate the name of the health plan(s) to which benefits will be paid for all employees working on this project. \_\_\_\_\_

The full names, addresses and telephone numbers of all persons interested in this Proposal, as principals are as follows:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**NOTE:** This Proposal must bear the written signature of the Bidder.

- a. If the Bidder is an Individual doing business under a name other than his own name, the Proposal must so state, giving the address of the Individual.
- b. If the Bidder is a Partnership, the Proposal must so state, setting forth the names and addresses of all Partners, and must be signed by a Partner so designated as such.
- c. If the Bidder is a Corporation, the Proposal must be signed by a duly authorized officer or agent of such Corporation.

**BREAKDOWN OF HOURLY RATES**

**WORKERS TITLE:** \_\_\_\_\_

	<b>STRAIGHT TIME</b>	<b>ADD for 1 ½ TIME PREMIUM</b>	<b>ADD for DOUBLE TIME PREMIUM</b>
<b>BASE WAGE RATE</b>			
<b>F.I.C.A.</b>			
<b>F.U.T.A.</b>			
<b>S.U.T.A.</b>			
<b>GEN. LIABILITY INS.</b>			
<b>WORKER'S COMP. INS.</b>			
<b>WELFARE FUND</b>			
<b>PENSION FUND</b>			
<b>APPRENTICE FUND</b>			
<b>VACATION FUND</b>			
<b>ED. &amp; CULT. FUND</b>			
<b>DEFERRED INCOME FUND</b>			
<b>PAID HOLIDAYS</b>			
<b>INCIDENTALS</b>			
<b>OTHER:</b> _____			
<b>SUBTOTAL</b>			
<b>OVERHEAD &amp; PROFIT (15%)</b>			
<b>TOTAL</b>			

**SUBMITTED BY:** \_\_\_\_\_

**Not to be included in the wages above:**

<b>BOND PREMIUM</b> .....			
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Project: HC Wilcox Technical High School Additions And Renovations

**Minimum Rates and Classifications  
for Building Construction**

B 15721

**Connecticut Department of Labor  
Wage and Workplace Standards Division**

By virtue of the authority vested in the Labor Commissioner under provisions of Section 31-53 of the General Statutes of Connecticut, as amended, the following are declared to be the prevailing rates and welfare payments and will apply only where the contract is advertised for bid within 20 days of the date on which the rates are established. Any contractor or subcontractor not obligated by agreement to pay to the welfare and pension fund shall pay this amount to each employee as part of his/her hourly wages.

Project Number:  
State#: BI-RT-843

Project Town Meriden  
FAP#:

Project: HC Wilcox Technical High School Additions And Renovations

**CLASSIFICATION**

**Hourly Rate**

**Benefits**

1a) Asbestos Worker/Insulator (Includes application of insulating materials, protective coverings, coatings, & finishes to all types of mechanical systems; application of firestopping material for wall openings & penetrations in walls, floors, ceilings - Last updated 7/21/11

36.86

25.51

1b) Asbestos/Toxic Waste Removal Laborers: Asbestos removal and encapsulation (except its removal from mechanical systems which are not to be scrapped), toxic waste removers, blasters.\*\*See Laborers Group 7\*\*

2) Boilermaker

34.94

19.00

*As of:* **Thursday, October 13, 2011**

Project: HC Wilcox Technical High School Additions And Renovations

3a) Bricklayer, Cement Mason, Concrete Finisher (including caulking), Stone Masons	32.50	24.20 + a
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3b) Tile Setter	32.00	21.44
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3c) Terrazzo Mechanics and Marble Setters	31.69	22.35
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3d) Tile, Marble & Terrazzo Finishers	25.50	24.20
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3e) Plasterer	32.50	24.20
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-----LABORERS-----

***As of: Thursday, October 13, 2011***

Project: HC Wilcox Technical High School Additions And Renovations

4) Group 1: Laborers (common or general), acetylene burners, carpenter tenders, concrete specialists, wrecking laborers, fire watchers.	25.75	15.60
4a) Group 2: Mortar mixers, plaster tender, power buggy operators, powdermen, fireproofers/mixer/nozzleman, fence erector.	26.00	15.60
4b) Group 3: Jackhammer operators, mason tender (brick) and mason tender (cement/concrete)	26.25	15.60
4c) **Group 4: Pipelayers (Installation of water, storm drainage or sewage lines outside of the building line with P6, P7 license) (the pipelayer rate shall apply only to one or two employees of the total crew who primary task is to actually perform the mating of pipe sections)[If using this classification call the Labor Department for clarification]	26.00	15.60
4d) Group 5: Air track operators, Sand blasters	26.50	15.60
4e) Group 6: Nuclear toxic waste removers, blasters	28.75	15.60

***As of: Thursday, October 13, 2011***

Project: HC Wilcox Technical High School Additions And Renovations

4f) Group 7: Asbestos removal and encapsulation (except it's removal from mechanical systems which are not to be scrapped)	26.75	15.60
4g) Group 8: Bottom men on open air caisson, cylindrical work and boring crew	26.25	15.60
4h) Group 9: Top men on open air caisson, cylindrical work and boring crew	25.75	15.60
4i) Group 10: Traffic Control Signalman	16.00	15.60
5) Carpenter, Acoustical Ceiling Installation, Soft Floor/Carpet Laying, Metal Stud Installation, Form Work and Scaffold Building, Drywall Hanging, Modular-Furniture Systems Installers, Lathers, Piledrivers, Resilient Floor Layers.	29.11	20.29
5a) Millwrights	30.01	20.18

***As of: Thursday, October 13, 2011***

Project: HC Wilcox Technical High School Additions And Renovations

6) Electrical Worker (including low voltage wiring) (Trade License required: E1,2 L-5,6 C-5,6 T-1,2 L-1,2 V-1,2,7,8,9)	35.70	21.52
7a) Elevator Mechanic (Trade License required: R-1,2,5,6)	44.82	21.785+a+b
-----LINE CONSTRUCTION-----		
Groundman	23.80	3% + 13.70
Linemen/Cable Splicer	43.28	3% + 13.70
8) Glazier (Trade License required: FG-1,2)	32.73	16.35 + a

***As of: Thursday, October 13, 2011***

Project: HC Wilcox Technical High School Additions And Renovations

9) Ironworker, Ornamental, Reinforcing, Structural, and Precast Concrete Erection	33.00	26.58 + a
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----OPERATORS----

Group 1: Crane handling or erecting structural steel or stone, hoisting engineer 2 drums or over, front end loader (7 cubic yards or over); work boat 26 ft. and over. (Trade License Required)	35.05	19.40 + a
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Group 2: Cranes (100 ton rate capacity and over); Backhoe/Excavator over 2 cubic yards; Piledriver (\$3.00 premium when operator controls hammer). (Trade License Required)	34.73	19.40 + a
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Group 3: Excavator; Backhoe/Excavator under 2 cubic yards; Cranes (under 100 ton rated capacity), Grader/Blade; Master Mechanic; Hoisting Engineer (all types of equipment where a drum and cable are used to hoist or drag material regardless of motive power of operation), Rubber Tire Excavator (Drott-1085 or similar); Grader Operator; Bulldozer Fine Grade. (slopes, shaping, laser or GPS, etc.).	33.99	19.40 + a
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Group 4: Trenching Machines; Lighter Derrick; Concrete Finishing Machine; CMI Machine or Similar; Koehring Loader (Skooper).	33.60	19.40 + a
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**As of: Thursday, October 13, 2011**



Project: HC Wilcox Technical High School Additions And Renovations

Group 5: Specialty Railroad Equipment; Asphalt Paver; Asphalt Reclaiming Machine; Line Grinder; Concrete Pumps; Drills with Self Contained Power Units; Boring Machine; Post Hole Digger; Auger; Pounder; Well Digger; Milling Machine (over 24" Mandrell) 33.01 19.40 + a

Group 5 continued: Side Boom; Combination Hoe and Loader; Directional Driller; Pile Testing Machine. 33.01 19.40 + a

Group 6: Front End Loader (3 up to 7 cubic yards); Bulldozer (rough grade dozer). 32.70 19.40 + a

Group 7: Asphalt roller, concrete saws and cutters (ride on types), vermeer concrete cutter, Stump Grinder; Scraper; Snooper; Skidder; Milling Machine (24" and under Mandrell). 32.36 19.40 + a

Group 8: Mechanic, grease truck operator, hydroblaster; barrier mover; power stone spreader; welding; work boat under 26 ft.; transfer machine. 31.96 19.40 + a

Group 9: Front end loader (under 3 cubic yards), skid steer loader regardless of attachments, (Bobcat or Similar): forklift, power chipper; landscape equipment (including Hydroseeder). 31.53 19.40 + a

**As of: Thursday, October 13, 2011**

Project: HC Wilcox Technical High School Additions And Renovations

Group 10: Vibratory hammer; ice machine; diesel and air, hammer, etc.	29.49	19.40 + a
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Group 11: Conveyor, earth roller, power pavement breaker (whiphammer), robot demolition equipment.	29.49	19.40 + a
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Group 12: Wellpoint operator.	29.43	19.40 + a
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Group 13: Compressor battery operator.	28.85	19.40 + a
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Group 14: Elevator operator; tow motor operator (solid tire no rough terrain).	27.71	19.40 + a
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Group 15: Generator Operator; Compressor Operator; Pump Operator; Welding Machine Operator; Heater Operator.	27.30	19.40 + a
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***As of: Thursday, October 13, 2011***

Project: HC Wilcox Technical High School Additions And Renovations

Group 16: Maintenance Engineer/Oiler.	26.65	19.40 + a
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Group 17: Portable asphalt plant operator; portable crusher plant operator; portable concrete plant operator.	30.96	19.40 + a
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Group 18: Power safety boat; vacuum truck; zim mixer; sweeper; (Minimum for any job requiring a CDL license).	28.54	19.40 + a
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-----PAINTERS (Including Drywall Finishing)-----

10a) Brush and Roller	29.17	16.35
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10b) Taping Only/Drywall Finishing	29.92	16.35
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***As of: Thursday, October 13, 2011***

Project: HC Wilcox Technical High School Additions And Renovations

10c) Paperhanger and Red Label	29.67	16.35
10e) Blast and Spray	32.17	16.35
11) Plumber (excluding HVAC pipe installation) (Trade License required: P-1,2,6,7,8,9 J-1,2,3,4 SP-1,2)	38.67	24.46
12) Well Digger, Pile Testing Machine	33.01	19.40 + a
13) Roofer (composition)	30.48	14.96
14) Roofer (slate & tile)	30.98	14.96

***As of: Thursday, October 13, 2011***

Project: HC Wilcox Technical High School Additions And Renovations

15) Sheetmetal Worker (Trade License required for HVAC and Ductwork: SM-1,SM-2,SM-3,SM-4,SM-5,SM-6)	32.27	29.33
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16) Pipefitter (Including HVAC work) (Trade License required: S-1,2,3,4,5,6,7,8 B-1,2,3,4 D-1,2,3,4, G-1, G-2, G-8 & G-9)	38.67	24.46
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-----TRUCK DRIVERS-----

17a) 2 Axle	27.88	15.71 + a
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17b) 3 Axle, 2 Axle Ready Mix	27.98	15.71 + a
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17c) 3 Axle Ready Mix	28.03	15.71 + a
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**As of: Thursday, October 13, 2011**

Project: HC Wilcox Technical High School Additions And Renovations

17d) 4 Axle, Heavy Duty Trailer up to 40 tons	28.08	15.71 + a
17e) 4 Axle Ready Mix	28.13	15.71 + a
17f) Heavy Duty Trailer (40 Tons and Over)	28.33	15.71 + a
17g) Specialized Earth Moving Equipment (Other Than Conventional Type on-the-Road Trucks and Semi-Trailers, Including Euclids)	28.13	15.71 + a
18) Sprinkler Fitter (Trade License required: F-1,2,3,4)	40.50	16.85 + a
19) Theatrical Stage Journeyman	22.22	6.53

***As of: Thursday, October 13, 2011***

Project: HC Wilcox Technical High School Additions And Renovations

*Welders: Rate for craft to which welding is incidental.*

*\*Note: Hazardous waste removal work receives additional \$1.25 per hour for truck drivers.*

*\*\*Note: Hazardous waste premium \$3.00 per hour over classified rate*

- Crane with 150 ft. boom (including jib) - \$1.50 extra
- Crane with 200 ft. boom (including jib) - \$2.50 extra
- Crane with 250 ft. boom (including jib) - \$5.00 extra
- Crane with 300 ft. boom (including jib) - \$7.00 extra
- Crane with 400 ft. boom (including jib) - \$10.00 extra

All classifications that indicate a percentage of the fringe benefits must be calculated at the percentage rate times the "base hourly rate".

Apprentices duly registered under the Commissioner of Labor's regulations on "Work Training Standards for Apprenticeship and Training Programs" Section 31-51-d-1 to 12, are allowed to be paid the appropriate percentage of the prevailing journeymen hourly base and the full fringe benefit rate, providing the work site ratio shall not be less than one full-time journeyman instructing and supervising the work of each apprentice in a specific trade.

*The Prevailing wage rates applicable to this project are subject to annual adjustments each July 1st for the duration of the project.*

*Each contractor shall pay the annual adjusted prevailing wage rate that is in effect each July 1st, as posted by the Department of Labor.*

*It is the contractor's responsibility to obtain the annual adjusted prevailing wage rate increases directly from the Department of Labor's website.*

*The annual adjustments will be posted on the Department of Labor's Web page: [www.ct.gov/dol](http://www.ct.gov/dol)*

*The Department of Labor will continue to issue the initial prevailing wage rate schedule to the Contracting Agency for the project.*

*All subsequent annual adjustments will be posted on our Web Site for contractor access.*

**As of: Thursday, October 13, 2011**

Project: HC Wilcox Technical High School Additions And Renovations

*Effective October 1, 2005 - Public Act 05-50: any person performing the work of any mechanic, laborer, or worker shall be paid prevailing wage*

All Person who perform work ON SITE must be paid prevailing wage for the appropriate mechanic, laborer, or worker classification.

All certified payrolls must list the hours worked and wages paid to All Persons who perform work ON SITE regardless of their ownership i.e.: (Owners, Corporate Officers, LLC Members, Independent Contractors, et. al)

Reporting and payment of wages is required regardless of any contractual relationship alleged to exist between the contractor and such person.

**~~Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clause (29 CFR 5.5 (a) (1) (ii)).**

Please direct any questions which you may have pertaining to classification of work and payment of prevailing wages to the Wage and Workplace Standards Division, telephone (860)263-6790.

**As of: Thursday, October 13, 2011**






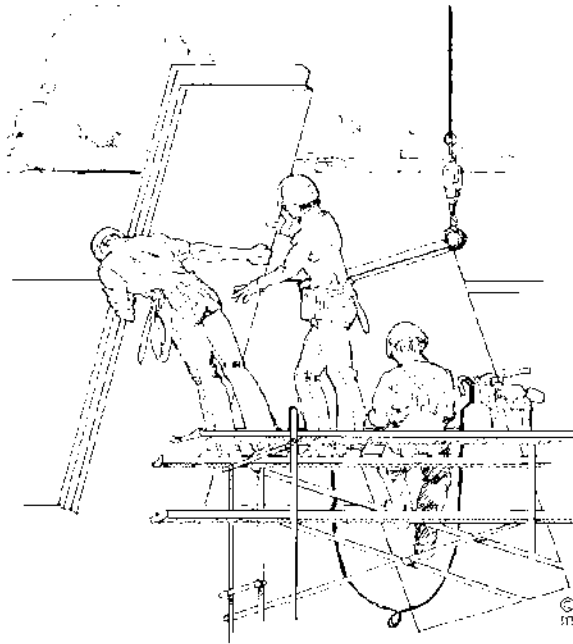
~NOTICE~

TO ALL CONTRACTING AGENCIES

Please be advised that Connecticut General Statutes Section 31-53, requires the contracting agency to certify to the Department of Labor, the total dollar amount of work to be done in connection with such public works project, regardless of whether such project consists of one or more contracts.

Please find the attached “Contracting Agency Certification Form” to be completed and returned to the Department of Labor, Wage and Workplace Standards Division, Public Contract Compliance Unit.

 Inquiries can be directed to (860)263-6543.



CONNECTICUT DEPARTMENT OF LABOR  
WAGE AND WORKPLACE STANDARDS DIVISION  
CONTRACT COMPLIANCE UNIT

*CONTRACTING AGENCY CERTIFICATION FORM*

I, \_\_\_\_\_, acting in my official capacity as \_\_\_\_\_,  
authorized representative title

for \_\_\_\_\_, located at \_\_\_\_\_,  
contracting agency address

do hereby certify that the total dollar amount of work to be done in connection with  
\_\_\_\_\_, located at \_\_\_\_\_,  
project name and number address

shall be \$\_\_\_\_\_, which includes all work, regardless of whether such project  
consists of one or more contracts.

*CONTRACTOR INFORMATION*

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Authorized Representative: \_\_\_\_\_

Approximate Starting Date: \_\_\_\_\_

Approximate Completion Date: \_\_\_\_\_

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Return To: Connecticut Department of Labor  
Wage & Workplace Standards Division  
Contract Compliance Unit  
200 Folly Brook Blvd.  
Wethersfield, CT 06109

Date Issued: \_\_\_\_\_

## Statute 31-55a

You are here: [DOL Web Site](#) » [Wage and Workplace Standards](#) » Statute 31-55a

### - Special Notice -

**To All State and Political Subdivisions, Their Agents, and Contractors**

**Connecticut General Statute 31-55a - Annual adjustments to wage rates by contractors doing state work.**

*Each contractor that is awarded a contract on or after October 1, 2002, for (1) the construction of a state highway or bridge that falls under the provisions of section 31-54 of the general statutes, or (2) the construction, remodeling, refinishing, refurbishing, rehabilitation, alteration or repair of any public works project that falls under the provisions of section 31-53 of the general statutes shall contact the Labor Commissioner on or before July first of each year, for the duration of such contract, to ascertain the prevailing rate of wages on an hourly basis and the amount of payment or contributions paid or payable on behalf of each mechanic, laborer or worker employed upon the work contracted to be done, and shall make any necessary adjustments to such prevailing rate of wages and such payment or contributions paid or payable on behalf of each such employee, effective each July first.*

- The prevailing wage rates applicable to any contract or subcontract awarded on or after October 1, 2002 are subject to annual adjustments each July 1st for the duration of any project which was originally advertised for bids on or after October 1, 2002.
- Each contractor affected by the above requirement shall pay the annual adjusted prevailing wage rate that is in effect each July 1st, as posted by the Department of Labor.
- It is the **contractor's** responsibility to obtain the annual adjusted prevailing wage rate increases directly from the Department of Labor's Web Site. The annual adjustments will be posted on the Department of Labor Web page: [www.ctdol.state.ct.us](http://www.ctdol.state.ct.us). For those without internet access, please contact the division listed below.
- The Department of Labor will continue to issue the initial prevailing wage rate schedule to the Contracting Agency for the project. All subsequent annual adjustments will be posted on our Web Site for contractor access.

**Any questions should be directed to the Contract Compliance Unit, Wage and Workplace Standards Division, Connecticut Department of Labor, 200 Folly Brook Blvd., Wethersfield, CT 06109 at (860)263-6790.**

←-- [Workplace Laws](#)

November 29, 2006

**Notice**  
**To All Mason Contractors and Interested Parties**  
**Regarding Construction Pursuant to Section 31-53 of the**  
**Connecticut General Statutes (Prevailing Wage)**

The Connecticut Labor Department Wage and Workplace Standards Division is empowered to enforce the prevailing wage rates on projects covered by the above referenced statute.

Over the past few years the Division has withheld enforcement of the rate in effect for workers who operate a forklift on a prevailing wage rate project due to a potential jurisdictional dispute.

The rate listed in the schedules and in our Occupational Bulletin (see enclosed) has been as follows:

**Forklift Operator:**

- **Laborers (Group 4) Mason Tenders** - operates forklift solely to assist a mason to a maximum height of nine feet only.
- **Power Equipment Operator (Group 9)** - operates forklift to assist any trade and to assist a mason to a height over nine feet.

The U.S. Labor Department conducted a survey of rates in Connecticut but it has not been published and the rate in effect remains as outlined in the above Occupational Bulletin.

***Since this is a classification matter and not one of jurisdiction, effective January 1, 2007 the Connecticut Labor Department will enforce the rate on each schedule in accordance with our statutory authority.***

Your cooperation in filing appropriate and accurate certified payrolls is appreciated.

# **Informational Bulletin**

## **THE 10-HOUR OSHA CONSTRUCTION SAFETY AND HEALTH COURSE**

(applicable to public building contracts entered into *on or after July 1, 2007*, where the total cost of all work to be performed is at least \$100,000)

- (1) This requirement was created by Public Act No. 06-175, which is codified in Section 31-53b of the Connecticut General Statutes (pertaining to the prevailing wage statutes);
- (2) The course is required for public building construction contracts (projects funded in whole or in part by the state or any political subdivision of the state) entered into on or after July 1, 2007;
- (3) It is required of private employees (not state or municipal employees) and apprentices who perform manual labor for a general contractor or subcontractor on a public building project where the total cost of all work to be performed is at least \$100,000;
- (4) The ten-hour construction course pertains to the ten-hour Outreach Course conducted in accordance with federal OSHA Training Institute standards, and, for telecommunications workers, a ten-hour training course conducted in accordance with federal OSHA standard, 29 CFR 1910.268;
- (5) The internet website for the federal OSHA Training Institute is [http://www.osha.gov/fso/ote/training/edcenters/fact\\_sheet.html](http://www.osha.gov/fso/ote/training/edcenters/fact_sheet.html);
- (6) The statutory language leaves it to the contractor and its employees to determine who pays for the cost of the ten-hour Outreach Course;
- (7) Within 30 days of receiving a contract award, a general contractor must furnish proof to the Labor Commissioner that all employees and apprentices performing manual labor on the project will have completed such a course;
- (8) Proof of completion may be demonstrated through either: (a) the presentation of a *bona fide* student course completion card issued by the federal OSHA Training Institute; *or* (2) the presentation of documentation provided to an employee by a trainer certified by the Institute pending the actual issuance of the completion card;
- (9) Any card with an issuance date more than 5 years prior to the commencement date of the construction project shall not constitute proof of compliance;

- (10) Each employer shall affix a copy of the construction safety course completion card to the certified payroll submitted to the contracting agency in accordance with Conn. Gen. Stat. § 31-53(f) on which such employee's name first appears;
- (11) Any employee found to be in non-compliance shall be subject to removal from the worksite if such employee does not provide satisfactory proof of course completion to the Labor Commissioner by the fifteenth day after the date the employee is determined to be in noncompliance;
- (12) Any such employee who is determined to be in noncompliance may continue to work on a public building construction project for a maximum of fourteen consecutive calendar days while bringing his or her status into compliance;
- (13) The Labor Commissioner may make complaint to the prosecuting authorities regarding any employer or agent of the employer, or officer or agent of the corporation who files a false certified payroll with respect to the status of an employee who is performing manual labor on a public building construction project;
- (14) The statute provides the minimum standards required for the completion of a safety course by manual laborers on public construction contracts; any contractor can exceed these minimum requirements; and
- (15) Regulations clarifying the statute are currently in the regulatory process, and shall be posted on the CTDOL website as soon as they are adopted in final form.
- (16) Any questions regarding this statute may be directed to the Wage and Workplace Standards Division of the Connecticut Labor Department via the internet website of <http://www.ctdol.state.ct.us/wgwkstnd/wgemenu.htm>; or by telephone at (860)263-6790.

**THE ABOVE INFORMATION IS PROVIDED EXCLUSIVELY AS AN EDUCATIONAL RESOURCE, AND IS NOT INTENDED AS A SUBSTITUTE FOR LEGAL INTERPRETATIONS WHICH MAY ULTIMATELY ARISE CONCERNING THE CONSTRUCTION OF THE STATUTE OR THE REGULATIONS.**

## Information Bulletin *Occupational Classifications*

The Connecticut Department of Labor has the responsibility to properly determine "job classification" on prevailing wage projects covered under C.G.S. Section 31-53.

*Note: This information is intended to provide a sample of some occupational classifications for guidance purposes only. It is not an all-inclusive list of each occupation's duties. This list is being provided only to highlight some areas where a contractor may be unclear regarding the proper classification.*

**Below are additional clarifications of specific job duties performed for certain classifications:**

- **ASBESTOS WORKERS**

Applies all insulating materials, protective coverings, coatings and finishes to all types of mechanical systems.

- **ASBESTOS INSULATOR**

Handle, install apply, fabricate, distribute, prepare, alter, repair, dismantle, heat and frost insulation, including penetration and fire stopping work on all penetration fire stop systems.

- **BOILERMAKERS**

Erects hydro plants, incomplete vessels, steel stacks, storage tanks for water, fuel, etc. Builds incomplete boilers, repairs heat exchanges and steam generators.

- **BRICKLAYERS, CEMENT MASONS, CEMENT FINISHERS, MARBLE MASONS, PLASTERERS, STONE MASONS, PLASTERERS. STONE MASONS, TERRAZZO WORKERS, TILE SETTERS**

Lays building materials such as brick, structural tile and concrete cinder, glass, gypsum, terra cotta block. Cuts, tools and sets marble, sets stone, finishes concrete, applies decorative steel, aluminum and plastic tile, applies cements, sand, pigment and marble chips to floors, stairways, etc.



- **CARPENTERS, MILLWRIGHTS. PILEDRIVERMEN. LATHERS. RESILEINT FLOOR LAYERS, DOCK BUILDERS, DIKERS, DIVER TENDERS**

Constructs, erects, installs and repairs structures and fixtures of wood, plywood and wallboard. Installs, assembles, dismantles, moves industrial machinery. Drives piling into ground to provide foundations for structures such as buildings and bridges, retaining walls for earth embankments, such as cofferdams. Fastens wooden, metal or rockboard lath to walls, ceilings and partitions of buildings, acoustical tile layer, concrete form builder. Applies firestopping materials on fire resistive joint systems only. Installation of curtain/window walls only where attached to wood or metal studs. Installation of insulated material of all types whether blown, nailed or attached in other ways to walls, ceilings and floors of buildings. Assembly and installation of modular furniture/furniture systems. Free-standing furniture is not covered. This includes free standing: student chairs, study top desks, book box desks, computer furniture, dictionary stand, atlas stand, wood shelving, two-position information access station, file cabinets, storage cabinets, tables, etc.

- **CLEANING LABORER**

- The clean up of any construction debris and the general cleaning, including sweeping, wash down, mopping, wiping of the construction facility, washing, polishing, dusting, etc., prior to the issuance of a certificate of occupancy falls under the *Labor classification*.

- **DELIVERY PERSONNEL**

- If delivery of supplies/building materials is to one common point and stockpiled there, prevailing wages are not required. If the delivery personnel are involved in the distribution of the material to multiple locations within the construction site then they would have to be paid prevailing wages for the type of work performed: laborer, equipment operator, electrician, ironworker, plumber, etc.
- An example of this would be where delivery of drywall is made to a building and the delivery personnel distribute the drywall from one "stockpile" location to further sub-locations on each floor. Distribution of material around a construction site is the job of a laborer/tradesman and not a delivery personnel.

- **ELECTRICIANS**

Install, erect, maintenance, alteration or repair of any wire, cable, conduit, etc., which generates, transforms, transmits or uses electrical energy for light, heat, power or other purposes, including the Installation or maintenance of telecommunication, LAN wiring or computer equipment, and low voltage wiring. ***\*License required per Connecticut General Statutes: E-1,2 L-5,6 C-5,6 T-1,2 L-1,2 V-1,2,7,8,9.***

- **ELEVATOR CONSTRUCTORS**

Install, erect, maintenance and repair of all types of elevators, escalators, dumb waiters and moving walks. *\*License required by Connecticut General Statutes: R-1,2,5,6.*

- **FORK LIFT OPERATOR**

Laborers Group 4) Mason Tenders - operates forklift solely to assist a mason to a maximum height of nine (9) feet only.

Power Equipment Operator Group 9 - operates forklift to assist any trade, and to assist a mason to a height over nine (9) feet.

- **GLAZIERS**

Glazing wood and metal sash, doors, partitions, and 2 story aluminum storefronts. Installs glass windows, skylights, store fronts and display cases or surfaces such as building fronts, interior walls, ceilings and table tops and metal store fronts. Installation of aluminum window walls and curtain walls is the "joint" work of glaziers and ironworkers which requires either a blended rate or equal composite workforce.

- **IRONWORKERS**

Erection, installation and placement of structural steel, precast concrete, miscellaneous iron, ornamental iron, metal curtain wall, rigging and reinforcing steel. Handling, sorting, and installation of reinforcing steel (rebar). Metal bridge rail (traffic), metal bridge handrail, and decorative security fence installation. Installation of aluminum window walls and curtain walls is the "joint" work of glaziers and ironworkers which requires either a blended rate or equal composite workforce. Insulated metal and insulated composite panels are still installed by the Ironworker.

- **INSULATOR**

- Installing fire stopping systems/materials for "Penetration Firestop Systems": transit to cables, electrical conduits, insulated pipes, sprinkler pipe penetrations, ductwork behind radiation, electrical cable trays, fire rated pipe penetrations, natural polypropylene, HVAC ducts, plumbing bare metal, telephone and communication wires, and boiler room ceilings. Past practice using the applicable licensed trades, Plumber, Sheet Metal, Sprinkler Fitter, and Electrician, is not inconsistent with the Insulator classification and would be permitted.

- **LABORERS**

Acetylene burners, asphalt rakers, chain saw operators, concrete and power buggy operator, concrete saw operator, fence and guard rail erector (except metal bridge rail (traffic), metal bridge handrail, and decorative security fence

installation.), hand operated concrete vibrator operator, mason tenders, pipelayers (installation of storm drainage or sewage lines on the street only), pneumatic drill operator, pneumatic gas and electric drill operator, powermen and wagon drill operator, air track operator, block paver, curb setters, blasters, concrete spreaders.

- **PAINTERS**

Maintenance, preparation, cleaning, blasting (water and sand, etc.), painting or application of any protective coatings of every description on all bridges and appurtenances of highways, roadways, and railroads. Painting, decorating, hardwood finishing, paper hanging, sign writing, scenic art work and drywall hhg for any and all types of building and residential work.

- **LEAD PAINT REMOVAL**

- Painter's Rate

1. Removal of lead paint from bridges.
2. Removal of lead paint as preparation of any surface to be repainted.
3. Where removal is on a Demolition project prior to reconstruction.

- Laborer's Rate

1. Removal of lead paint from any surface NOT to be repainted.
2. Where removal is on a *TOTAL* Demolition project only.

- **PLUMBERS AND PIPEFITTERS**

Installation, repair, replacement, alteration or maintenance of all plumbing, heating, cooling and piping. ***\*License required per Connecticut General Statutes: P-1,2,6,7,8,9 J-1,2,3,4 SP-1,2 S-1,2,3,4,5,6,7,8 B-1,2,3,4 D-1,2,3,4.***

- **POWER EQUIPMENT OPERATORS**

Operates several types of power construction equipment such as compressors, pumps, hoists, derricks, cranes, shovels, tractors, scrapers or motor graders, etc. Repairs and maintains equipment. ***\*License required, crane operators only, per Connecticut General Statutes.***

- **ROOFERS**

Covers roofs with composition shingles or sheets, wood shingles, slate or asphalt and gravel to waterproof roofs, including preparation of surface. (tear-off and/or removal of any type of roofing and/or clean-up of any and all areas where a roof is to be relaid)

- **SHEETMETAL WORKERS**

Fabricate, assembles, installs and repairs sheetmetal products and equipment in such areas as ventilation, air-conditioning, warm air heating, restaurant equipment, architectural sheet metal work, sheetmetal roofing, and aluminum gutters. Fabrication, handling, assembling, erecting, altering, repairing, etc. of coated metal material panels and composite metal material panels when used on building exteriors and interiors as soffits, fascia, louvers, partitions, wall panel siding, canopies, cornice, column covers, awnings, beam covers, cladding, sun shades, lighting troughs, spires, ornamental roofing, metal ceilings, mansards, copings, ornamental and ventilation hoods, vertical and horizontal siding panels, trim, etc. The sheet metal classification also applies to the vast variety of coated metal material panels and composite metal material panels that have evolved over the years as an alternative to conventional ferrous and non-ferrous metals like steel, iron, tin, copper, brass, bronze, aluminum, etc. Insulated metal and insulated composite panels are still installed by the Iron Worker. Fabrication, handling, assembling, erecting, altering, repairing, etc. of architectural metal roof, standing seam roof, composite metal roof, metal and composite bathroom/toilet partitions, aluminum gutters, metal and composite lockers and shelving, kitchen equipment, and walk-in coolers.

- **SPRINKLER FITTERS**

Installation, alteration, maintenance and repair of fire protection sprinkler systems.

*\*License required per Connecticut General Statutes: F-1,2,3,4.*

- **TILE MARBLE AND TERRAZZO FINISHERS**

Assists and tends the tile setter, marble mason and terrazzo worker in the performance of their duties.

- **TRUCK DRIVERS**

~~How to pay truck drivers delivering asphalt is under REVISION~~

Truck Drivers are requires to be paid prevailing wage for time spent "working" directly on the site. These drivers remain covered by the prevailing wage for any time spent transporting between the actual construction location and facilities (such as fabrication, plants, mobile factories, batch plant, borrow pits, job headquarters, tool yards, etc.) dedicated exclusively, or nearly so, to performance of the contract or project, which are

so located in proximity to the actual construction location that it is reasonable to include them. ***\*License required, drivers only, per Connecticut General Statutes.***

***For example:***

- Material men and deliverymen are not covered under prevailing wage as long as they are not directly involved in the construction process. If, they unload the material, they would then be covered by prevailing wage for the classification they are performing work in: laborer, equipment operator, etc.
- Hauling material off site is not covered provided they are not dumping it at a location outlined above.
- Driving a truck on site and moving equipment or materials on site would be considered covered work, as this is part of the construction process.

➤ *Any questions regarding the proper classification should be directed to:*

*Public Contract Compliance Unit  
Wage and Workplace Standards Division  
Connecticut Department of Labor  
200 Folly Brook Blvd, Wethersfield, CT 06109*

*(860) 263-6543.*

Connecticut Department of Labor  
Wage and Workplace Standards Division  
FOOTNOTES

Please Note: If the “Benefits” listed on the schedule for the following occupations includes a letter(s) (+ a or + a+b for instance), refer to the information below.

Benefits to be paid at the appropriate prevailing wage rate for the listed occupation.

If the “Benefits” section for the occupation lists only a dollar amount, disregard the information below.

**Bricklayers, Cement Masons, Cement Finishers, Concrete Finishers (including caulking),  
Stone Masons**  
(Building Construction) and  
(Residential- Hartford, Middlesex, New Haven, New London and Tolland Counties)

- a. Paid Holiday: Employees shall receive 4 hours for Christmas Eve holiday provided the employee works the regularly scheduled day before and after the holiday. Employers may schedule work on Christmas Eve and employees shall receive pay for actual hours worked in addition to holiday pay.

**Bricklayer (Residential- Fairfield County)**

- a. Paid Holiday: If an employee works on Christmas Eve until noon he shall be paid for 8 hours.

**Electricians**

Fairfield County: West of the Five Mile River in Norwalk

- a. \$2.00 per hour not to exceed \$14.00 per day.

**Elevator Constructors: Mechanics**

- a. Paid Holidays: New Year’s Day, Memorial Day, Independence Day, Labor Day, Veterans’ Day, Thanksgiving Day, Christmas Day, plus the Friday after Thanksgiving.
- b. Vacation: Employer contributes 8% of basic hourly rate for 5 years or more of service or 6% of basic hourly rate for 6 months to 5 years of service as vacation pay credit.

**Glaziers**

- a. Paid Holidays: Labor Day and Christmas Day.

**Power Equipment Operators**

(Heavy and Highway Construction & Building Construction)

- a. Paid Holidays: New Year's Day, Good Friday, Memorial day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day, provided the employee works 3 days during the week in which the holiday falls, if scheduled, and if scheduled, the working day before and the working day after the holiday. Holidays falling on Saturday may be observed on Saturday, or if the employer so elects, on the preceding Friday.

**Ironworkers**

- a. Paid Holiday: Labor Day provided employee has been on the payroll for the 5 consecutive work days prior to Labor Day.

**Laborers (Tunnel Construction)**

- a. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day. No employee shall be eligible for holiday pay when he fails, without cause, to work the regular work day preceding the holiday or the regular work day following the holiday.

**Roofers**

- a. Paid Holidays: July 4<sup>th</sup>, Labor Day, and Christmas Day provided the employee is employed 15 days prior to the holiday.

**Sprinkler Fitters**

- a. Paid Holidays: Memorial Day, July 4th, Labor Day, Thanksgiving Day and Christmas Day, provided the employee has been in the employment of a contractor 20 working days prior to any such paid holiday.

**Truck Drivers**

(Heavy and Highway Construction & Building Construction)

- a. Paid Holidays: New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas day, and Good Friday, provided the employee has at least 31 calendar days of service and works the last scheduled day before and the first scheduled day after the holiday, unless excused.





**\*FRINGE BENEFITS EXPLANATION (P):**

Bona fide benefits paid to approved plans, funds or programs, except those required by Federal or State Law (unemployment tax, worker’s compensation, income taxes, etc.).

Please specify the type of benefits provided:

- 1) Medical or hospital care \_\_\_\_\_ 4) Disability\_\_\_\_\_
- 2) Pension or retirement \_\_\_\_\_ 5) Vacation, holiday\_\_\_\_\_
- 3) Life Insurance \_\_\_\_\_ 6) Other (please specify) \_\_\_\_\_

**CERTIFIED STATEMENT OF COMPLIANCE**

For the week ending date of \_\_\_\_\_,

I, \_\_\_\_\_ of \_\_\_\_\_, (hereafter known as Employer) in my capacity as \_\_\_\_\_ (title) do hereby certify and state:

**Section A:**

1. All persons employed on said project have been paid the full weekly wages earned by them during the week in accordance with Connecticut General Statutes, section 31-53, as amended. Further, I hereby certify and state the following:

- a) The records submitted are true and accurate;
- b) The rate of wages paid to each mechanic, laborer or workman and the amount of payment or contributions paid or payable on behalf of each such employee to any employee welfare fund, as defined in Connecticut General Statutes, section 31-53 (h), are not less than the prevailing rate of wages and the amount of payment or contributions paid or payable on behalf of each such employee to any employee welfare fund, as determined by the Labor Commissioner pursuant to subsection Connecticut General Statutes, section 31-53 (d), and said wages and benefits are not less than those which may also be required by contract;
- c) The Employer has complied with all of the provisions in Connecticut General Statutes, section 31-53 (and Section 31-54 if applicable for state highway construction);
- d) Each such employee of the Employer is covered by a worker’s compensation insurance policy for the duration of his employment which proof of coverage has been provided to the contracting agency;
- e) The Employer does not receive kickbacks, which means any money, fee, commission, credit, gift, gratuity, thing of value, or compensation of any kind which is provided directly or indirectly, to any prime contractor, prime contractor employee, subcontractor, or subcontractor employee for the purpose of improperly obtaining or rewarding favorable treatment in connection with a prime contract or in connection with a prime contractor in connection with a subcontractor relating to a prime contractor; and
- f) The Employer is aware that filing a certified payroll which he knows to be false is a class D felony for which the employer may be fined up to five thousand dollars, imprisoned for up to five years or both.

2. OSHA~The employer shall affix a copy of the construction safety course, program or training completion document to the certified payroll required to be submitted to the contracting agency for this project on which such employee’s name first appears.

\_\_\_\_\_  
(Signature) (Title) Submitted on (Date)

**Section B: Applies to CONNDOT Projects ONLY**

**That pursuant to CONNDOT contract requirements for reporting purposes only, all employees listed under Section B who performed work on this project are not covered under the prevailing wage requirements defined in Connecticut General Statutes Section 31-53.**

\_\_\_\_\_  
(Signature) (Title) Submitted on (Date)

Note: CTDOL will assume all hours worked were performed under Section A unless clearly delineated as Section B WWS-CP1 as such. Should an employee perform work under both Section A and Section B, the hours worked and wages paid must be segregated for reporting purposes.

**\*\*\*THIS IS A PUBLIC DOCUMENT\*\*\*  
\*\*\*DO NOT INCLUDE SOCIAL SECURITY NUMBERS\*\*\***



**Gilbane Building Company**  
**Building Information Modeling (BIM)**  
**Standards & Specifications**  
**For Trade Contractors**  
**H.C. Wilcox Technical High School**  
**State Project No. BI-RT-843**

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## General Requirements

To create, at a minimum, a comprehensive 3-dimensional model that better communicates project information between all project teams for trade coordination, design visualization & comprehension..

The goals to achieve through this process include, but are not limited to: efficiency in the design and construction, to coordinate trades effectively and identify coordination issues in the design early to mitigate issues in the field, aid the owner in visualizing their project and to enhance the architect's vision for the building, to increase productivity by defining a clear vision and work path for the project's schedule, to reduce the number of RFI's and change orders that are time consuming and costly, to aid in pre-fabrication in order to avoid delays and ultimately to deliver the virtual as-built model to the owner for use in their facility management.

The Contractor(s), including their sub-contractors, vendors, or testing and balancing firms, and the Commissioning Agent, hereafter are referred to as project participants. A Gilbane representative will work with the project participants upon construction contract agreement to define responsibility for each data element to avoid duplication of effort.

The required electronic formats, instructions, and data input standards shall be provided to the responsible project participants by the Gilbane representative. The specified electronic formats shall be provided to the responsible project participants via an FTP site, Prolog, SharePoint, or in some limited situations CD or Email attachments.

The submittal of all specified data electronically, shall occur concurrently with the progress of the work in accordance with the project schedule. Timely and accurate submittals, not less than weekly, of requisite data will be a condition precedent for issuance of monthly payments.

The following sections describe the general nature of electronic data submittal requirements.

## File Types and Units

Models must be provided in Autocad DWG file format. Models may also be in its native file format or exported to a file format usable by Navisworks 2011 if required. (Refer to Appendix A). Gilbane shall give direction on which exported file format is required from your software application.

In native and exported file format:

1. The units shall be in imperial feet and fractional inches.
2. The 0, 0 (x and y axis) origin shall be at an intersection verified by Gilbane before commencing with further work, and the z axis elevation of the model must be at the proper elevation specified by the architects' documents, unless specified by Gilbane. Base insertion point (or shared coordinate point) shall be set to 0, 0, 0. If your software application does not have an absolute coordinate system, then crosshairs shall be drawn where the 0, 0, 0 intersection shall be. This is used in lining up and verifying that the models are in the correct locations.
3. All objects must be 3D solids, parametric components, or AEC (Architecture, Engineering, and Construction) objects.

4. All 3D models submitted to Gilbane shall be purged and free of anything other than the 3D model components (No 2D linework, links, xrefs, titleblocks, backgrounds, other contractors' models, annotations, prefabrication information, etc.). Refer to Appendix C for detailed file clean up guidelines.
5. Multiple files covering multiple areas may be needed for large coordination efforts. The boundaries of these areas that need to be split into separate files shall be verified by Gilbane before commencing with further work.
6. Name your files according to the file naming convention standard set by Gilbane (Refer to Appendix B).
7. Inform all other coordination participants of the software application that you will be utilizing. This includes the manufacturer, application, version, and any add-ons, plug-ins or object enablers that are needed in order to view the file properly.
8. **Each file submitted shall have a marker (annotation, crosshairs, etc) at the intersection of gridlines AA and A1 to indicate proper alignment with the project model.**

The structural model will need to be exported to 3D DWG files for other subcontractors use. Ensure that the proper software modules are included to provide this export throughout the entire project.

#### **Schedule and Scope**

The scope of work is to create an accurate and highly detailed 3D model including all disciplines of work. Gilbane or the assigned trade contractor will be in charge of the composition of all trade contractor models.

1. Gilbane will host 3D coordination/clash meetings on a consistent day each week, at a location determined by Gilbane in the initial kickoff meeting. A minimum of one contact from each firm is required to attend each week with an electronic or paper copy of their model to mark up as issues are being discussed or resolved.
2. Trade contractors will be in charge of updating their models and submitting and re-submitting them to Gilbane at least 48 hours prior to the coordination/clash meetings each week. Gilbane will perform clash detection, however this in no way relieves the trade contractor from their responsibility to coordinate their items with previously submitted trade coordination work and in consideration of that which is to follow.
3. Model submissions shall be done through an FTP (File Transfer Protocol) site that Gilbane will set up for the project.
4. All parties shall provide models with a scope representing a level of detail greater than or equal to what is typically drawn on 2D plans at 1/4"=1'-0" scale. Greater level of detail may be needed to include all the required model elements. Refer to required model elements section.
5. All objects in models must be sized and located dimensionally accurate.
6. All following changes shall be incorporated into the model:
  - A. RFIs (Requests for Information)
  - B. CCDs (Construction Change Directives)

- C. ASIs (Architect's Supplemental Information)
  - D. Owner changes
  - E. Changes in the sequence of work
  - F. Field modifications
  - G. Shop drawing review comments
  - H. Multiple coordination meeting review comments
  - I. Changes requested by Gilbane Building Company
7. Models must contain all required model elements. Refer to section Required Model Elements.
  8. All parties involved with the coordination meetings and drafting will need to be available during normal business hours on Eastern Standard Time.
  9. In order for a phase to be operational it will require an extension of the existing or make ready MEPFP systems. The coordination process will be separated into areas by their priority and scheduled phase.

#### **Required Model Elements**

1. The trade contractor shall provide the level of detail defined below which represents the minimum level of detail required in the model. A greater level of detail shall be incorporated whenever possible, and if typically drawn on 2D plans. Mechanical and electrical rooms that require greater detail will be coordinated as separate areas.
2. Anything that is called to be blocked out (eg no-fly zones, maintenance clearance areas, code requirements, etc) must have the element's correct overall height, width and depth.
3. All MEP systems are to be modeled up to 10'-0" outside the building perimeter, and shall include all underground systems.
4. All temporary MEPFP systems will be required to be submitted as separate files.

#### Architectural - Distributed through Gilbane

Unless specified otherwise, Gilbane will provide the architectural background information for trade coordination use.

The model provided shall show the following items:

- A. Exterior walls not included in Structural model (including all wall layers, penetrations and openings)
- B. Doors and openings (all types), door leaves and frames
- C. Windows, curtain walls, storefront systems, skylights, borrowed lites and windows leaves (including all frames, mullions and muntins)
- D. Roofing systems (including all roof layers, penetrations and openings)
- E. Canopies
- F. Scuppers and drains not included in MEP models
- G. Stairs (treads, risers, stringers and monolithic stairs) not included in Structural model
- H. Ramps

- I. Railings (including all handrails, guardrails and posts)
- J. Stoops not included in Structural model
- K. Wells not included in Structural model
- L. Interior partitions and furring (including all wall layers)
- M. Columns not included in Structural model
- N. Ceilings (including all soffits)
- O. Elevators and escalators (need to be at least blocked out)
- P. Casework
- Q. Fixed equipment not included in MEP models
- R. Fixed furniture systems
- S. Access flooring (including support stanchions and struts)
- T. Slabs and floors not included in Structural model
- U. Stone floor toppings not included in Structural model
- V. Significant artwork (need to be at least blocked out)
- W. Fountains and pools not included in Civil model
- X. Concrete slabs (including penetrations and openings)
- Y. Foundation walls and other structural walls
- Z. Caissons and footings
- AA. Grade beams
- BB. Concrete beams
- CC. Concrete columns
- DD. Shear walls
- EE. Other concrete pours (stoops, wells, monolithic stairs, etc.)

The model provided will not show the following optional items:

- A. Actual elevators and escalators
- B. Actual significant artwork
- C. Movable equipment not included in MEP models
- D. Stud placement within walls
- E. Door, window and casework hardware
- F. Movable furniture
- G. Carpet, tile, paint, wall covering and trim work

Structural – Distributed through Gilbane

Unless specified otherwise, Gilbane will provide the following structural background information for trade coordination use.

- A. Concrete slabs (including penetrations and openings)
- B. Foundation walls and other structural walls
- C. Caissons and footings
- D. Grade beams
- E. Concrete beams
- F. Concrete columns

- G. Shear walls
- H. Existing primary steel members (columns, beams, trusses and joists)
- I. Existing secondary steel members (X-bracing, façade support angles, lintels, gusset plates, braces, equipment supports, kickers, clip angles, etc.)
- J. Existing structural stair components
- K. Existing decks (metal, wood and concrete, including penetrations and openings)
- L. Other concrete pours (stoops, wells, monolithic stairs, etc.)

Structural - Provided by Subcontractor

The trade contractor shall incorporate and display the following needed items:

- A. New / added Primary steel members (columns, beams, trusses and joists)
- B. New / added Secondary steel members (X-bracing, façade support angles, lintels, gusset plates, braces, equipment supports, kickers, clip angles, etc.)
- C. New / added Structural stair components
- D. Decks (metal, wood and concrete, including penetrations and openings)
- E. Equipment pads (sizes per equipment cut sheets)
- F. New / added Temporary support systems

The trade contractor could show the following optional items:

- A. Minor steel members (clips, bolts, etc.)
- B. Steel concrete embeds
- C. Reinforcing steel

The trade contractor shall not show the following unneeded items:

- A. Slab camber and chamfered corners
- B. Steel camber
- C. Ribs in metal decking

The trade contractor shall model using the following methods:

- A. Concrete and steel columns to be modeled in separate pre-installation pieces or in the step by step fashion that it will be poured or assembled.
- B. Holes are needed in floors if they will be sleeved. For holes that will be drilled afterwards, no 3D holes shall be made in the objects.
- C. Concrete shall be modeled as separate pieces according to the pour sequence.
- D. Metal decks to be modeled separate from concrete slabs.
- E. Concrete in-fills around column bases to be modeled as separate pieces.

Mechanical

The trade contractor shall show the following needed items:

- A. Cooling towers
- B. Chillers



- C. Boilers
- D. Pumps
- E. Heaters
- F. Compressors
- G. Dryers
- H. Tanks
- I. Other mechanical and air handling equipment (need to be at least blocked out)
- J. Ductwork
- K. Diffusers, return air ducts and flex duct
- L. Piping associated with mechanical equipment and not included in the Plumbing model
- M. Electrical associated with mechanical equipment and not included in the Electrical model
- N. Equipment pads not included in Structural model (or information given to steel and/or concrete contractor for them to model)
- O. Valves and fittings
- P. Required clearance areas or access zones (modeled as separate semi-transparent components)
- Q. Hard insulation or fireproofing around objects (modeled as separate semi-transparent components)
- R. Embeds and sleeves
- S. Hangers
- T. Duct joints and flanges
- U. Soft insulation around objects (clearly identified as different from hard insulation)
- V. Temporary mechanical systems

#### Electrical

The trade contractor shall show the following needed items:

- A. Power feeds
- B. Switch gear
- C. Transformers
- D. Panelboards
- E. Generators
- F. Other equipment (need to be at least blocked out)
- G. Light fixtures
- H. Cable trays including access zone.
- I. Hangers and supports for all electrical equipment.
- J. Security cameras
- K. Specialty systems (generators, UPS, etc.)
- L. Conduit and fittings (all conduit 1-1/2" in diameter or greater) or banks of conduit consisting of two or more conduits.
- M. Pull boxes
- N. Equipment pads not included in Structural model (or information given to steel and/or concrete contractor for them to model)

- O. Required clearance areas or access zones (modeled as separate semi-transparent components)
- P. Hard insulation or fireproofing around objects (modeled as separate semi-transparent components)
- Q. Equipment pads not included in Structural model (or information given to steel and/or concrete contractor for them to model)
- R. Temporary electrical systems

The trade contractor could show the following optional items:

- A. Conduit and fittings under 1” in diameter (unless part of a bank of two or more conduits).
- B. Flexible conduit
- C. Soft insulation around objects (clearly identified as different from hard insulation)

The trade contractor shall not show the following unneeded items:

- A. Groups of wires
- B. Outlets

## Plumbing

The trade contractor shall show the following needed items:

- A. Tanks
- B. Pumps
- C. Other equipment (need to be at least blocked out)
- D. Piping (all hard piping 1” in diameter or greater whether it is for water, gas, drainage, etc – modeled pipes must reflect slopes)
- E. Floor and roof drains
- F. Plumbing fixtures not included in Architectural model
- G. Electrical associated with plumbing equipment and not included in Electrical model
- H. Valves, backflow preventers, fittings and cleanouts
- I. Equipment pads (or information given to steel and/or concrete contractor for them to model)
- J. Hangers and supports
- K. Required clearance areas and access zones (modeled as separate semi-transparent components)
- L. Hard insulation or fireproofing around objects (modeled as separate semi-transparent components)
- M. Temporary plumbing systems

The trade contractor could show the following optional items:

- A. Pipes and fittings under 1” in diameter (unless in a bank of two or more pipes)
- B. Flexible pipes
- C. Soft insulation around objects (clearly identified as different from hard insulation)

## Fire Protection

The trade contractor shall show the following needed items:

- A. Tanks
- B. Fire pumps
- C. Other equipment (need to be at least blocked out)
- D. Piping (all hard piping 3/4" in diameter or greater – modeled pipes must reflect slopes)
- E. Valves, backflow preventers, fittings and sprinkler heads and low point drains.
- F. Hangers and supports including seismic bracing.
- G. Required clearance areas and access zones (modeled as separate semi-transparent components)
- H. Hard insulation or fireproofing around objects (modeled as separate semi-transparent components)
- I. Temporary fire protection systems

The trade contractor could show the following optional items:

- A. Pipes and fittings under 3/4" in diameter
- B. Flexible pipes
- C. Soft insulation around objects (clearly identified as different from hard insulation)

## Updated As-Built Models

Any models by the trade contractors shall be submitted to Gilbane at the completion of the trade coordination process. Any revisions or updated as-built models shall be submitted to Gilbane 30 days (minimum) prior to Owner occupancy of the facility.

**Appendix A (Accepted file formats for Navisworks)**

Note: Since software applications do not export data the same, some file formats may work better than others. Ask Gilbane which file format is needed from your application.

Format	Extension	Format	Extension
NavisWorks	.nwd .nwf .nwc	Inventor	.ipt .iam. ipj
AutoCAD	.dwg, .dxf, .sat	Leica	.pts .ptx
MicroStation (SE & J)	.dgn .prp .prw	Riegl	.3dd
3D Studio	.3ds .prj	RVM	.rvm
ASCII Laser File	.asc .txt	SketchUp	.skp
ACIS SAT	.sat	STEP	.stp .step
DWF	.dwf	STL	.stl
Faro	.fls .fws .iQscan .iQmod .iQwsp	Trimble	ASCII laser file
IFC	.ifc	VRML	.wrl .wrz
IGES	.igs .iges	Z+F	.zfc .zfs
Informatix	.man .cv7	PDS Design Review	.dri

**Appendix B (File Naming Convention)**

File names should contain the following information in specified order:

- A.** Building identifier if multiple buildings are being modeled
- B.** Floor designation according to architect's designation
- C.** Area designation according to architect's designation (unless Gilbane specifies their own area designations)
- D.** Major discipline of work
- E.** Minor discipline of work

**A.** Naming Convention for Building identifier:

(e.g. BuildingA, Building3, Office, MOB)

**B.** Naming convention for Floor designations (according to architect's designation):

- UG    Underground
- 00    Basement
- GR    Ground
- 01    First Floor
- 02    Second Floor (2.5, etc.)
- Etc...

**C.** Naming convention for Area designations (according to architect's designation):

(e.g. AreaA, AreaC4, Area5, East, West, etc.)

**D.** Naming convention for major disciplines:

- S    Structural
- M    Mechanical
- E    Electrical
- F    Fire Protection
- P    Plumbing

**E.** Naming convention for minor disciplines:

File Name (Part E)	Systems/Items Included in File
Steel	Structural Steel
Misc	Structural Misc. Steel
Concrete	Structural Concrete
HVAC	Mechanical Heating, Ventilation, Air Conditioning
Piping	Mechanical Piping, Tanks
Misc	Mechanical Controls, Hangers
Lighting	Electrical Lighting Fixtures
Power	Electrical Power System, Equipment, Feeders, Panels, Cable Trays, Pull boxes, Conduit

Teledata	Electrical Telecommunications and Data Systems, Equipment, Feeders, Panels, Cable Trays, Pull boxes, Conduit
Misc	Electrical Fire Alarm System, Safety, Smoke Detectors, Controls, Hangers
Wet	Fire Protection Wet System
Dry	Fire Protection Dry System
Misc	Fire Protection Controls, Hangers
Piping	Plumbing Supply, Drainage, Storm, Equip ( <i>Plumbing</i> can be used as well)
MedGas	Plumbing Medical Gas
Misc	Plumbing Controls, Hangers

**F.** File Revision (R0, R1, R2, etc.). Each file submission must indicate its specific revision.

**G.** File Submission Date. This is the date the file is actually uploaded to the FTP site.

File Naming Example:

The name should be in the following format:

**A      B      C                  D                  E                  F                  G**  
 Building-Floor-Area-Major Discipline-Minor Discipline –Revision-Date

For example: *LGH-2.5-West-M-Piping-R0-032811.dwg*

is the 2<sup>nd</sup> floor mechanical piping file for the West side submitted on March 28<sup>th</sup> 2011. This file is the original (R0) revision.

The file list for a typical floor is shown below. Revisions, dates and number of files may vary:

**A   B   C   D   E                  F   G**

LGH-01-West-M-HVAC-R0-040111  
 LGH-01-West-P-Piping-R0-040811  
 LGH-01-West-M-Piping-R0-041411  
 LGH-01-West-P-MedGas-R0-041911  
 LGH-01-West-E-Lighting-R0-042611  
 LGH-01-West-E-Power-R0-042611  
 LGH-01-West-E-Cable Tray-R0-042611  
 LGH-01-West-F-Wet-R0-050311

## Appendix C (File Clean Up Process)

### For AutoCAD-based files:

1. **Thaw, turn on, and unlock all layers in the drawing.**
2. **Check the 0,0,0 origin.** The 0,0,0 origin should be at the intersection specified by Gilbane during the model coordination kickoff meeting. If it's not in the correct position, move all the objects within the file to that location. The BASE command should be set to 0,0,0 so there are no insertion point overrides.
3. **Erase all 2D geometry, except for any crosshairs at the 0,0,0 intersection.** This can be done by filtering the drawing using the QSELECT command or ERASE and 'FI command, and deleting objects types such as: LINE, MLINE, LWPOLYLINE, SPLINE, CIRCLE, ARC, DIMENSION, ELLIPSE, HATCH, TEXT, MTEXT, POINT, LEADER, MULTILEADER, and AECB\_LABEL\_CURVE to start out. For any 2D blocks, you can select a bunch and use the SELECT SIMILAR command on the right-click menu.
4. **Delete any associated AutoCAD standards files.** Use the STANDARDS command and delete any files listed.
5. **Purge the drawing.** Use the PURGE command and check 'Purge Nested Items' and click Purge All.
6. **Audit the drawing.** Use the AUDIT command.
7. **Detach all xrefs.** Type -XREF, then D for Detach, then \*(asterisk) to include all xrefs.
8. **Detach all images.** Type -IMAGE, then D for Detach, then \*(asterisk) to include all images.
9. **Write a block of all objects in the drawing to a new file.** Use the W (WBLOCK) command, set to Objects, with Base Point set to 0,0,0 and Objects set to Retain and pick Select objects and type ALL. Set the destination for the new file and leave the Insert Units' settings.
10. **Check filename and send.** Once the new file is created, make sure the name is correct (according to Gilbane's file naming standard), and send that new file to Gilbane.

### For all other types of files:

1. **Make all objects within the file visible.**
2. **Check the 0,0,0 origin.** The 0,0,0 origin should be at the intersection specified by Gilbane during the model coordination kickoff meeting. If it's not in the correct position, move all the objects within the file to that location. If there is no absolute coordinate system in the software application you are working in, make sure you leave crosshairs in the file representing the 0,0,0 origin.
3. **Purge the model of any unused elements,** if the software application has that feature.
4. **Audit (check and fix any errors in) the file,** if the software application has that feature.
5. **Detach all links (external references) to other files.**
6. **Delete or detach any images.**
7. **Check filename and send.** Once the new file is created, make sure the name is correct (according to Gilbane's file naming standard), and send that new file to Gilbane.



**ADDITIONS AND ALTERATIONS  
HC WILCOX REGIONAL VOCATIONAL TECHNICAL SCHOOL  
STATE PROJECT NO. BI-RT-843-CMR  
GILBANE JOB NO. 11.5311.000**

**PREBID MEETING MINUTES  
October 11, 2011**

Held At: HC Wilcox Regional Vocational Technical School & Jobsite  
Meriden, CT  
Attendees: See attached List

Date: October 11, 2011  
Time: 3:00 p.m.

**Bid Package:**

02A Demolition & Abatement – SBE Set Aside	10B Toilet Compartments/Accessories
03A Cast in Place Concrete – SBE Set Aside	10C Accordion Folding Partitions
04A Masonry – SBE Set Aside	11A Stage Curtains
05A Structural Steel	12A Laboratory Casework
05B Miscellaneous Metals – MBE Set Aside	13A Portable Classrooms
06A Millwork/Casework	14A Elevators
07A Roofing & Metal Panels – SBE Set Aside	21A Fire Protection
07B Spray Applied Fireproofing	22A Plumbing
08A Glass & Glazing	23A HVAC
08B Doors, Frames, & Hardware	23B Testing & Balancing
09A Drywall & Related Work	26A Electrical
09B Ceramic Tile – SBE Set Aside	26B Tel/Data – SBE Set Aside
09C Carpet & Resilient Flooring – SBE Set Aside	31A Sitework
09D Acoustic Ceilings – SBE Set Aside	32A Landscaping – SBE Set Aside
09E Painting & Wallcovering – SBE Set Aside	
10A Signage	

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Patrick Delany opened the meeting with an introduction of key personnel. Mr. Delany stated that the purpose of the meeting was to outline the bidding procedures, to clarify and highlight major items in the bid package, explain the scope of work, and answer any questions that the bidders may have concerning the inquiry.

**A. Bid Documents**

Mr. Delany reviewed the bid documents included in the bid inquiry starting with the General Instruction to Bidders. The following items were highlighted:

**B. General Instructions to Bidders**

1. Bids will be accepted at Gilbane Building Company, 208 New London Turnpike, Glastonbury, CT, 06033 until 1:00 p.m. at the prevailing local time October 25, 2011 at which time the bid period will close. All bids will be opened and publicly and read aloud shortly thereafter. Each



bid must be submitted with a bid security naming Gilbane Building Company as obligee and must be equal to ten percent (10%) of the bid. All bids will be considered valid for a period of one hundred twenty (120) days from the date of the bid opening. No bidder may withdraw their bid during that time period.

2. Proposal forms must be used and filled out completely. If an item is not applicable, N/A is to be entered. Two (2) complete copies of the proposal, bid package description form, and all attachments are to be submitted in and properly labeled. Bids delivered via courier service must be in a sealed envelope within courier service's delivery package. **INCOMPLETE PROPOSAL FORMS MAY BE GROUNDS FOR DISQUALIFICATION.**
3. Bidders were reminded that all questions must be submitted in writing no later than 5:00 p.m. on October 18, 2011. The questions must be addressed to Patrick J. Delany. Mr. Delany's email address is [pdelany@gilbaneco.com](mailto:pdelany@gilbaneco.com).
4. Documents are available from Cop-Eze in Meriden, CT. Cop-Eze phone number is 203-630-2671. A non-refundable fee of \$350.00 plus tax & shipping per set is required. Checks must be made payable to "Cop-Eze". If documents are to be shipped, a separate shipping and handling fee applies. Plans and specifications may be downloaded free of charge from <FTP://files.gilbanetech.com> or <http://files.gilbanetech.com>, enter username: ccsu5311 and password: gilbane. Bid Supplements will be posted on the Gilbane FTP site and it is incumbent upon the bidder to ensure all Supplements are included in the bid submission.
5. All bidders are required to make an examination of site and contract documents; thoroughly read all documents, verify receipt of all documents; and if any item is missing contact Patrick Delany at 860.368.5120.
6. A ten percent (10%) bid security is required. If the bidder is a small contractor or minority business enterprise pursuant to Connecticut General Statutes 4a-60g, it may provide in lieu of Payment or Performance bond, a letter of credit in an amount equal to Ten Percent (10%) of the bid amount if the estimated value of the contract for which the bid is submitted is less than one hundred thousand dollars and in an amount equal to Twenty-five Percent (25%) if the estimated value of such contract is One Hundred Thousand Dollars (\$100,000.00) or greater. Bids submitted without a bid security that do not fall into the letter of credit option category will be rejected.
7. This project is tax exempt from Connecticut State sales and use tax as detailed within the State of Connecticut general statutes and regulations. The successful bidders will be provided with the appropriate documentation to apply for their tax exempt certificate upon contract award.
8. All Non-resident Trade Contractors that do not operate a permanent place of business within the State of Connecticut will be required to post with the Department of Revenue Services (DRS) a Non-resident Contractor Guarantee Bond (AU-766) in the amount required by the State. This bond will secure payment for all applicable taxes payable to the State with regards to this Project. The successful Bidder must provide proof within one (1) month of contract issuance that the Nonresident Contractor Guarantee Bond (AU-766) has been accepted, or proof of a permanent place of business within the State. Per State law, failure to provide DRS with the bond in a timely manner will require Gilbane to withhold five percent (5%) of each payment and remit that

withholding to DRS. The withholding is in addition to retainage. At the conclusion of the project the Trade Contractor may file a tax return with DRS to obtain the withheld funds.

9. A one hundred percent (100%) Performance Bond and a 100% Labor and Material Payment bond will be required from the successful bidder. The cost of the bonds must be included in the bid. These bonds must be on the forms in the manual and must be submitted with the executed contract.
10. Bidders were informed that bids for packages which require DAS prequalification must be accompanied by the bidder's DAS Qualification Update Statement as required by Connecticut State law. Bids without this documents may be rejected. Bidders were also reminded that any subcontract in excess of \$500,000 requires that the subcontractor is prequalified with DAS. Gilbane will be verifying compliance.
11. Bidders were advised that the Project is subject to the requirements of the Connecticut Commission on Human Rights and Opportunity (CHRO). Unless otherwise noted, each bid package has a twenty-five percent (25%) SBE and six and one quarter percent (6.25%) MBE participation goal. The successful bidder is required to file, and shall cause each of his subcontractors to file, with the commission such compliance reports at such times as the commission may direct. Note that CHRO will require that an additional 2% retainage be held until compliance is achieved.
12. Safety is the number one priority of this project. The successful bidder will be required to perform all work in accordance with all Federal, State, and Local safety regulations and also have a company representative attend the weekly safety meetings. The Project Safety Plan, included in the Project Manual which is "OSHA plus", will govern site operations conformance to this plan is MANDATORY.
13. Bidders were urged to review the sample contract before submitting their proposal. The successful bidder will be required to execute this agreement with Gilbane Building Company without modification. The successful bidder will be required to submit copies of the performance and payment bonds and insurance certificates at least three (3) days prior to the scheduled contract signing in the Construction Manager's office in Glastonbury, CT. The successful bidder must bring the original copies of the accepted performance and payment bonds, insurance certificates, and fully executed Document Signing Authority to the contract signing.
14. The minimum allowable wages for any work which is performed on-site shall be in accordance with Connecticut Prevailing Wage laws (see Project Manual section 00 73 46.1). Bidders must anticipate, project, and include escalation of rates in their lump sum base bid. In accordance with Connecticut State labor laws, the Department of Labor will issue revised wage rates every July 1. Gilbane will obtain the revised rates for incorporation into the trade contractor's contract agreement. The Trade Contractor must adjust their wage rates accordingly. The base contract value will not be adjusted due to changes in the wage rates as stated earlier, however, the rates for pricing change work will be adjusted accordingly.

### **C. Insurance**

1. All successful bidders must comply with the Insurance requirements stipulated in Article 6.3 of the Sample Contract (section 00 52 26) included in the Bid Documents. There will be no post bid relief, cost or otherwise, from the published insurance requirements. Bidders were urged to provide the insurance specifications to their insurance agents to ensure that they can comply with the insurance requirements and include all applicable costs.

### **D. Scope of Work & General Discussion**

1. Bidders were cautioned to read the scope of work carefully. Every item has monetary value. All items are required from the Trade Contractor and there will be no post bid relief for missed items.
2. Bidders were cautioned that Scope of Work items which may have inadvertently been duplicated in more than one bid package must be included in the bid amount for each package containing the duplication. Do not assume Scope of Work items will be provided by the other bid package(s). Notify the Construction Manager immediately upon discovery of a duplicated item. Should the Construction Manager request a credit for the duplicated item after the bid, claims of omission of pricing in the bid due to the duplicate item in another bid package will not be accepted.
3. Retainage on the Project is seven and one half percent (7.5%). Final retainage may be released prior to the substantial completion of the whole Project solely at the discretion of the Owner.
4. Additional site visits will be scheduled via Supplement.
5. Bidders were urged to review all drawings and include all work required for their bid package, regardless of where it may be shown in the drawings. Gilbane noted that there are many such instances of work being shown in non-traditional drawing locations.
6. SBE and MBE contractors and supplier representatives were identified. Each representative identified their company name and type of work performed. Prime bidders were encouraged to make introductions with the SBE and MBE representatives at the conclusion of the meeting.
7. Gilbane urged bidders to check Gilbane ftp site periodically for bid supplements. Supplements will always be posted to the Gilbane ftp site, followed by the State website for the project, then the Gilbane printer, Copeze will be notified. Copeze will automatically send a complete copy of the supplement to all plan holders that purchased a full set of plans and specifications from Copeze.

NOTICE TO ALL PRESENT -- IF ANY OF THE FOLLOWING ITEMS ARE INCORRECT OR FAIL TO RECORD DISCUSSIONS AT THE MEETING, PLEASE CONTACT THE WRITER OF THESE MINUTES IMMEDIATELY.

Respectfully submitted,  
Gilbane Building Company

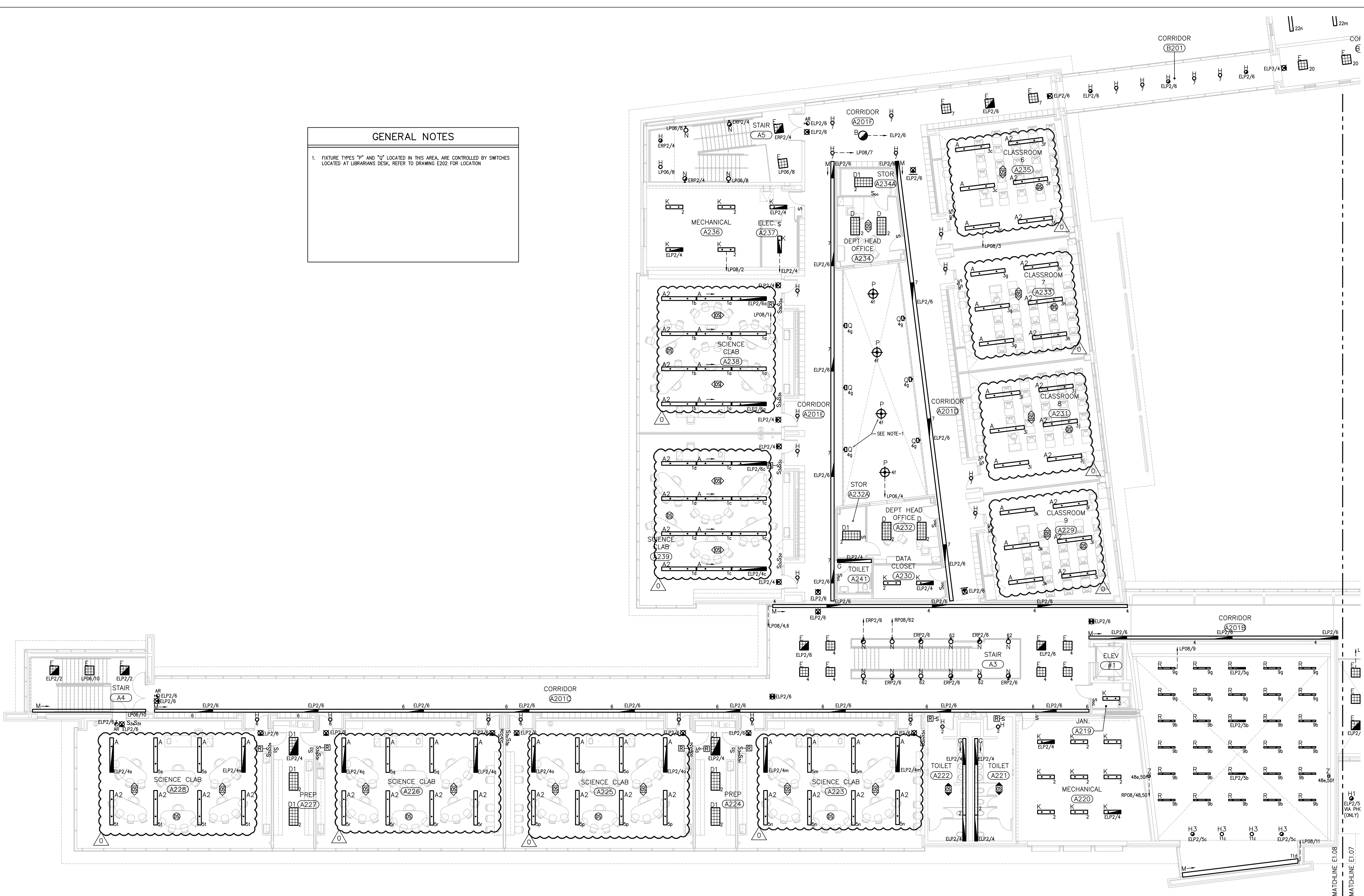
A handwritten signature in black ink, appearing to read 'Patrick Delany', written in a cursive style.

Patrick Delany  
District Chief Purchasing Agent

cc: Attendees  
file

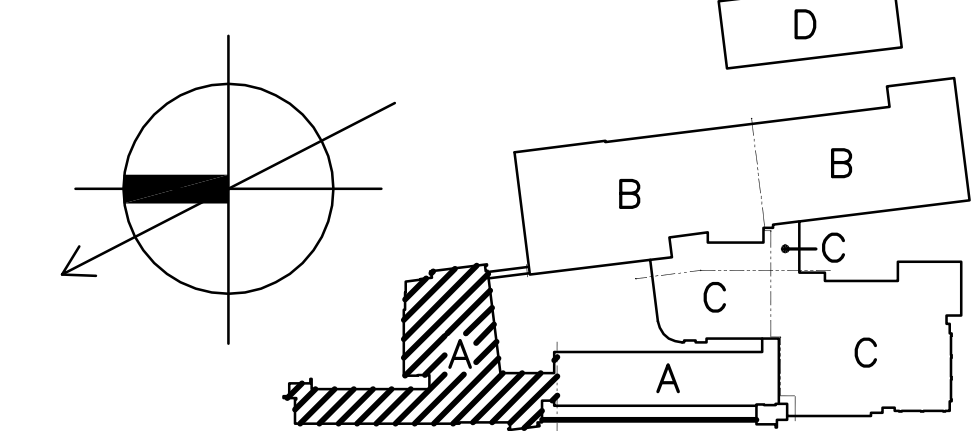
**GENERAL NOTES**

1. FIXTURE TYPES "F" AND "O" LOCATED IN THIS AREA, ARE CONTROLLED BY SWITCHES LOCATED AT LIBRARIAN'S DESK, REFER TO DRAWING E202 FOR LOCATION



1 SECOND FLOOR PLAN - AREA "A"  
E2.08 1/8" = 1'-0"

REFER TO DRAWING E0.01 FOR SYMBOLS AND ABBREVIATIONS



Drawing Title		STATE OF CONNECTICUT	
SECOND FLOOR PLAN - AREA "A"		DEPARTMENT OF PUBLIC WORKS	
REVISIONS			
Mark	REVISIONS	Drawing Prepared By	Date:
Δ	REVISED: 06/09/2011	Tai Seo Kim Partners, LLC	1/28/2011
		Hartford Square West, 146 Wyllys St, Suite 1-203	Scale
		Hartford, CT 06106	1/8"=1'-0"
		Project	Drawn By
		H.C. Wilcox Technical High School	SEC
		Meriden, CT	Approved By
			RR
			Drawing No.
			E2.08
CAD No.		Project No.	
0532-E-PLAN-2		BI-RT-843	