STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION 2800 BERLIN TURNPIKE NEWINGTON, CONNECTICUT 06111

INVITATION TO BID

Date Advertised: September 12, 2018

Sealed bids for the construction of the following project(s) will be received by the Commissioner of Transportation, by <u>submitting the bid electronically (only) through the Bid Express Website (bidx.com)</u>. PAPER BIDS WILL NOT BE ACCEPTED.

Bid Opening (Letting) Date and Time: Wednesday, October 10, 2018 at 2:00 p.m. Bids will <u>NOT</u> be accepted after 2:00 pm. <u>NO EXCEPTIONS</u>. The official time is the Bid Express Letting time indicator. The bids will be publicly opened and read in the <u>CONFERENCE ROOM</u> on the main floor. Apparent bid totals are available at https://www.bidx.com/ct/main, by accessing the "Lettings" tab.

Proposal ID Number: 0014-0185

Project Scope Code: I

State Project Number(s) & Description: Project No. 14-185; Rehabilitation of Bridge No. 00196, I-95 over US Route 1 in the Town of Branford.

Federal-aid Project Number(s) & Funding Source: Federal (F.A.P. No. 0952(118)) & State

Pre-Bid Conference and/or Site Visit Information: N/A

District Number(s): 2 Norwich

Contract DBE % Goal or SBE % Set-Aside: 13% DBE

The apparent low bidder's DBE or SBE Commitment Approval Request form(s) meeting the established DBE contract goal percentage or SBE set-aside percentage, including Good Faith Effort (GFE) documentation for DBE goals, if applicable, are due to the Department no later than five (5) calendar days after the bid opening. It is highly recommended that all bidders complete the required documentation during their bid preparation process in order to meet the DBE or SBE submittal requirement as the apparent low bidder. If not received on time, your bid may be rejected as provided by Section XI of the Construction Contract Bidding and Award Manual.

A list of bid items and quantities is attached. This list is **NOT** the official bid proposal form.

OFFICIAL BID PROPOSAL FORMS MUST BE REQUESTED — Please complete the Bid Proposal Request Form (Part C) located on the DOT website at the following LINK - http://www.ct.gov/dot/cwp/view.asp?a=2288&q=259262, and submit it by email to DOTContracts@ct.gov. Please read the instructions on the Part C Form.

PLANS, SPECIFICATIONS & ADDENDA ARE AVAILABLE ON THE CONTRACTING PORTAL FREE OF CHARGE

Secure Electronic Bidding with Bid Express (www.bidx.com): Please refer to the attached document entitled "Electronic Bidding Instructions / Requirements for Bidders".

Prequalification Requirements: Prospective bidders must be prequalified with the Department of Transportation and have on file a sworn Statement (CON 16) by the time of the bid. In order to help ensure that prospective bidders may become prequalified in time for the bid opening for a given contract, contractors should be certain to return the Prequalification Application (CON 16) with all necessary information, signatures and notarized documents, to the DOT Contracts Unit at least thirty (30) calendar days before requesting a bid proposal form for that contract.

Bid Proposal Forms: All prospective bidders requesting to obtain the "official" Bid Proposal Form must submit a completed Bid Proposal Request Form (Part "C") to the DOT Contracts Unit per the above instructions.

If the Bid Proposal Request Form (Part C) and the Contractor's Prequalification Application are found to be satisfactory, the bidder will receive an email response from the Department instructing the bidder to download the electronic Bid Proposal Form (aka EBS file) from the Bid Express Website (bidx.com).

Eligible/validated bidders will be required to download the official Bid Proposal Form (aka EBS file) and associated amendment files (.00#), if applicable, from the Bid Express website (bidx.com), only after they have received the email response from the Department approving them to bid.

It is the bidder's responsibility to ensure that they download the complete official Bid Proposal Form (EBS file) and any amendment files (.00#) associated with that specific Bid Proposal Form, from the latest letting date. Amendment files (.00#) are posted to the Bid Express website when there is a change to the bid proposal form, including a letting date change. The Department is not liable for the bidder's failure to ensure that they download the official Bid Proposal Form (EBS file) and amendment files (.00#) from the Bid Express website.

<u>NOTE:</u> Prequalification status is confirmed every time a contractor submits a Request for Bid Proposal Form (Part C). All bid proposals must be on the electronic bid form/file furnished by the Department of Transportation. Official bid proposals are not included in the Plans and Specifications and are non-transferable.

DBE Participation: The contract goal for DBE participation equaling the percent (indicated above) of the total Contract value has been established for this Contract. Compliance with this provision may be fulfilled when a DBE or any combination of DBEs perform work under the contract in accordance with 49 CFR Part 26 Subpart C Section 26.55, as revised.

The Department of Transportation hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, qualified Disadvantaged Business Enterprises, Small Contractor or Small Contractor Minority Business Enterprises will be afforded full opportunity to submit bids in response to this invitation and that they will not be discriminated against on the grounds of race, color, national origin, sex, sexual orientation, mental retardation or physical disability including but not limited to blindness, in consideration for an award.

FTA - Buy America Certificate and Certification Regarding Lobbying: These certifications are required with all Federal Transit Administration funded projects. Please refer to funding source above to determine the requirement.

Bid Security: Except when otherwise specified in the bid documents, no proposal will be considered unless; (a) it is accompanied by a proposal guaranty in the form of a bid bond from a surety company, satisfactory to the Commissioner, on the form furnished by the Department, in an amount equal to at least 30% of the amount of the bid; or (b) the bidder has on file in the Contract Section a current annual bid bond, satisfactory to the Commissioner, on the form provided by the Department for an amount equal to at least 30% of the aggregate amount of all current bids by the bidder for the Department's construction contracts.

DOT encourages all bidders to file an "Annual" Bid Bond with the Department so that the bidder does not have to submit a bid bond each time they bid on a specific project/proposal.

At the time of the bid opening, the surety must be a corporate surety licensed by the Insurance Commissioner of the State of Connecticut and must hold a Certificate of Authority as an acceptable Surety and/or Reinsuring Company acceptable to the Federal Department of Treasury. The surety's underwriting limitation must not be less than the full amount required by the bond, itself.

Pre-Bid Questions and Answers: Questions pertaining to DOT advertised construction projects must be presented through the CTDOT Pre-Bid Q and A Website. The Department cannot guarantee that all questions will be answered prior to the bid date. **PLEASE NOTE - at 12:01 am, the day before the bid, the subject project(s) being bid will be closed for questions, at which time questions can no longer be submitted through the Q and A Website.**

Answers may be provided by the Department up to 12:00 noon, the day before the bid. At this time, the Q and A for those projects will be considered final, unless otherwise stated and/or the bid is postponed to a future date and time to allow for further questions and answers to be posted.

If a question needs to be asked the day before the bid date, please contact the Contracts Unit staff and email your question to dotcontracts@ct.gov immediately.

Contractors must identify their company name, contact person, contact email address and phone number when asking a question. The email address and phone number will not be made public.

The questions and answers (if any) located on the Q and A Website are hereby made part of the bid/contract solicitation documents (located on the State Contracting Portal), and resulting contract for the subject project(s). It is the bidder's responsibility to monitor, review, and become familiar with the questions and answers, as with all bid requirements and contract documents, prior to bidding. By signing the bid proposal and resulting contract, the bidder acknowledges receipt of, and agrees to the incorporation of the final list of Q and A, into the contract document.

Contractors will not be permitted to file a future claim based on lack of receipt, or knowledge of the questions and answers associated with a project. All bidding requirements and project information, including but not limited to contract plans, specifications, addenda, Q and A, Notice to Contractors, etc., are made public on the State Contracting Portal and/or the CTDOT website.

Any bidder that discovers an error in the bid proposal or contract documents, including but not limited to the plans, must report that error in a letter to the Manager within two (2) business days of discovering the error. A failure to do so may result in the Commissioner's finding the contractor to be nonresponsible as the low bidder for one or more Department contracts, and may be subject to other adverse action by the Department

Affidavits / Certifications / Affirmations (OPM Forms): As a result of Public Act 11-229, the process in which the Department will receive Affidavits/Certifications/Ethics Affirmation Forms (OPM Forms), for the purpose of contract bidding and contract award, has been revised. The new law greatly simplifies the requirements and allows for the use of electronic Forms (PDFs). The following link will guide you to the revised OPM Forms:

Under the new law, the Affirmation of Receipt of State Ethics Laws Summary (OPM Form 6) and the Consulting Agreement Affidavit (OPM Form 5) will only have to be filed once and will be updated only if any information on the form changes. The Gift and Campaign Contribution Certification (OPM Form 1) and Nondiscrimination Certifications will be filed once per year, with any updates required upon changes to information. Updates are required within 30 days of any change. The Forms are no longer contract specific, but are required to be filed (uploaded) with the Department of Administrative Services (DAS) online system (Biznet), prior to award and/or execution of any contract.

All bidders <u>must</u> upload the applicable/required "Forms" to the DAS online system (Biznet). Please access the LINK to subscribe to Biznet and download the "Vendor Guide to Uploading Affidavits and Nondiscrimination Forms Online (PDF)". http://das.ct.gov/cr1.aspx?page=371

Once the "Forms" are on file with the DAS online system (Biznet), the contractor's obligation is complete, until the need for revisions/updates and/or new annual submission as required by the specific Form.

Prevailing Wage Rates: The minimum rates to be paid labor of the various classifications shall be in accordance with current schedule of wages established by the State Labor Commissioner as provided in the Connecticut General Statutes, as revised. The Contract Wage Certification Form is to be submitted to the Labor Commissioner before the award of the contract.

Other Information: All bidders are required to inform themselves fully of the conditions relating to the construction and labor under which the work will be or is now being performed and the contractor shall employ, as far as possible, such methods and means in the carrying out of this work as will not cause interruption or interference with any other contractor.

The Department, prior to the awarding of any contract, may require further financial and other information from any applicant who becomes the low bidder for that contract. The Commissioner of Transportation reserves the right to reject any and all bids.

Form Revised September 2016

STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION

PROJECT SCOPE CODE

<u>CODE</u>	FROM	<u>TO</u>
"A"	LESS THAN	\$ 100,000
"B"	\$ 100,000	\$ 199,999
"C"	\$ 200,000	\$ 499,999
"D"	\$ 500,000	\$ 999,999
"E"	\$ 1,000,000	\$ 2,499,999
"F"	\$ 2,500,000	\$ 4,999,999
"G"	\$ 5,000,000	\$ 7,499,999
"H"	\$ 7,500,000	\$ 9,999,999
"I"	\$ 10,000,000	\$ 14,999,999
"J"	\$ 15,000,000	\$ 19,999,999
"K"	\$ 20,000,000	\$ 29,999,999
"L"	\$ 30,000,000	\$ 39,999,999
"M"	\$ 40,000,000	\$ 59,999,999
"N"	\$ 60,000,000	\$ 89,999,999
"O"	\$ 90,000,000	\$ 119,999,999
"P"	\$ 120,000,000	\$ 159,999,999
"Q"	\$ 160,000,000	\$ 199,999,999
"R"	\$ 200,000,000	\$ 249,999,999
"S"	\$ 250,000,000	\$ 299,999,999
"T"	\$ 300,000,000	\$ 399,999,999
"U"	\$ 400,000,000	\$ 499,999,999
"V"	\$ 500,000,000	\$ 599,999,999
"W"	\$ 600,000,000	AND OVER

For any questions regarding this project scope code, please contact the Transportation Manager of Contracts at (860) 594-3390. Rev. 1/13/09



Connecticut Department Of Transportation Proposal

Date Of Opening: October 10, 2018

Proposal ID: 0014-0185

Projects: 0014-0185

Districts: New Haven

Towns: BRANFORD



8/23/2018

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Proposal ID: 0014-0185

REHABILITATION OF BRIDGE NO. 00196 I-95 OVER U.S. ROUTE 1

Time ID	Completion Date or Number of Units	Unit Type	Time Type	Liquidated Damages Rate	Contract Time Flag
00	429	Days	CD	4,100.00 Days	V

Bidders must enter all unit prices, make all extensions, and total the bid.





Proposal Schedule of Items

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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price		Bid An	nount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0010	0020903 LEAD COMPLIANCE FOR MISCELLANEOUS EXTERIOR TASKS ** See Special Provisions **	1.000 LUMP SUM				<u> </u>
0020	0097773 SPARE PARTS ** See Special Provisions **	35,000.000 est.		1.00		35,000.00
0030	0101000 ENVIRONMENTAL HEALTH AND SAFETY ** See Special Provisions **	1.000 LUMP SUM				
0040	0108100 LUMP SUM INCENTIVE PAYMENT (ESTIMATED COST) ** See Special Provisions **	140,000.000 est.		1.00		140,000.00
0050	0201001 CLEARING AND GRUBBING	1.000 LUMP SUM				
0060	0202000 EARTH EXCAVATION	8,200.000 c.y.		<u></u>		
0070	0202452 TEST PIT	3.000 ea.				
0800	0202502 REMOVAL OF CONCRETE PAVEMENT	3,700.000 s.y.		·		
0090	0202529 CUT BITUMINOUS CONCRETE PAVEMENT	11,950.000 l.f.				·
0100	0203000 STRUCTURE EXCAVATION - EARTH (COMPLETE)	700.000 c.y.		·		·
0110	0203100 STRUCTURE EXCAVATION ROCK (COMPLETE)	300.000 c.y.		·		·





Proposal Schedule of Items

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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price	Bid Amount
Number	Description	Quantity and Units	Dollars Cents	Dollars Cents
0120	0204213 HANDLING CONTAMINATED GROUNDWATER ** See Special Provisions **	1.000 LUMP SUM		
0130	0209001 FORMATION OF SUBGRADE	6,760.000 s.y.		·
0140	0211000 ANTI-TRACKING PAD	100.000 s.y.		
0150	0212000 SUBBASE	3,400.000 c.y.		
0160	0213100 GRANULAR FILL	15.000 c.y.		
0170	0214100 COMPACTED GRANULAR FILL	250.000 c.y.		
0180	0216000 PERVIOUS STRUCTURE BACKFILL	70.000 c.y.		·
0190	0219001 SEDIMENTATION CONTROL SYSTEM	1,150.000 l.f.		·
0200	0219011 SEDIMENT CONTROL SYSTEM AT CATCH BASIN ** See Special Provisions **	20.000 ea.	<u> </u>	·
0210	0304002 PROCESSED AGGREGATE BASE	1,100.000 c.y.		
0220	0406159 PMA S0.5	2,000.000 ton		
0230	0406160 PMA S1	450.000 ton		·





Proposal Schedule of Items

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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price		Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0240	0406170 HMA S1	3,400.000 ton				·
0250	0406171 HMA S0.5	3,300.000 ton				
0260	0406172 HMA S0.375	3,200.000 ton				•
0270	0406173 HMA S0.25	97.000 ton				
0280	0406236 MATERIAL FOR TACK COAT	9,200.000 gal				
0290	0406275 FINE MILLING OF BITUMINOUS CONCRETE (0" TO 4") ** See Special Provisions **	20,800.000 s.y.				<u> </u> -
0300	0406287 RUMBLE STRIPS-AUTOMATED ** See Special Provisions **	23,600.000 l.f.				·
0310	0406289 REMOVAL OF RUMBLE STRIPS ** See Special Provisions **	16,000.000 l.f.				
0320	0406314 80 MIL PAVEMENT MARKING GROOVE 5" WIDE ** See Special Provisions **	17,500.000 I.f.		·		·
0330	0406315 80 MIL PAVEMENT MARKING GROOVE 7" WIDE ** See Special Provisions **	465.000 I.f.				
0340	0406316 80 MIL PAVEMENT MARKING GROOVE 9" WIDE ** See Special Provisions **	400.000 l.f.				





Proposal Schedule of Items

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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line	Item ID	Approximate	Unit P	rice	Bid An	nount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0350	0406600 MATERIAL TRANSFER VEHICLE	4,745.000 ton				
0360	0406999 ASPHALT ADJUSTMENT COST (ESTIMATED COST) ** See Special Provisions **	20,000.000 est.		1.00		20,000.00
0370	0503001 REMOVAL OF SUPERSTRUCTURE ** See Special Provisions **	1.000 LUMP SUM				·
0380	0514271 PRECAST CONCRETE/STEEL COMPOSITE SUPERSTRUCTURE ** See Special Provisions **	11,973.000 s.f.		·		
0390	0520041 PREFORMED JOINT SEAL ** See Special Provisions **	135.000 l.f.		·		·
0400	0521007 ELASTOMERIC BEARINGS ** See Special Provisions **	64.000 ea.		·		
0410	0522178 CONSTRUCT CONCRETE KEEPER BLOCKS ** See Special Provisions **	6.000 ea.				
0420	0586001.10 TYPE 'C' CATCH BASIN - 0' - 10' DEEP	6.000 ea.		·		·
0430	0586001.20 TYPE 'C' CATCH BASIN - 0' - 20' DEEP	1.000 ea.		·		
0440	0586005.10 TYPE 'C' CATCH BASIN DOUBLE GRATE TYPE 2 - 0' - 10' DEEP	3.000 ea.				





Proposal Schedule of Items

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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pri	ce	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0450	0586040.10 TYPE 'C-L' CATCH BASIN - 0' - 10' DEEP	1.000 ea.				
0460	0586044.10 TYPE 'C-L' CATCH BASIN DOUBLE GRATE TYPE 2 - 0' - 10' DEEP	1.000 ea.		·		
0470	0586500.10 MANHOLE - 0' - 10' DEEP	2.000 ea.				•
0480	0586650 RESET MANHOLE	3.000 ea.				·
0490	0586703 CONVERT CATCH BASIN TO MANHOLE	2.000 ea.				
0500	0586750 TYPE 'C' CATCH BASIN TOP	20.000 ea.				•
0510	0601000 CLASS "A" CONCRETE	340.000 c.y.				•
0520	0601107 HIGH EARLY STRENGTH CONCRETE ** See Special Provisions **	231.000 c.y.				<u> </u>
0530	0601201 CLASS "F" CONCRETE	390.000 c.y.				•
0540	0601504 1" PREFORMED EXPANSION JOINT FILLER FOR BRIDGES	12.000 s.f.				·
0550	0602000 DEFORMED STEEL BARS	24,500.000 lb.				·
0560	0602006 DEFORMED STEEL BARS - EPOXY COATED	102,000.000 lb.				





Proposal Schedule of Items

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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price	Bid Amount
Number	Description	Quantity and Units	Dollars Cen	ts Dollars Cents
0570	0602052 WELDED WIRE FABRIC - EPOXY COATED	670.000 s.y.		
0580	0602901 DRILLING HOLES AND GROUTING DOWELS ** See Special Provisions **	410.000 l.f.		
0590	0602936 DRILLING AND GROUTING REINFORCING BARS ** See Special Provisions **	465.000 I.f.		
0600	0603802 STRUCTURAL STEEL - SIGN SUPPORTS	4.000 cwt.		
0610	0686000.15 15" R.C. PIPE - 0' - 10' DEEP	272.000 l.f.		
0620	0686000.18 18" R.C. PIPE - 0' - 10' DEEP	50.000 l.f.		
0630	0686000.24 24" R.C. PIPE - 0' - 10' DEEP	11.000 l.f.		
0640	0686002.15 15" R.C. PIPE (CLASS V) - 0' - 10' DEEP	299.000 I.f.	·	
0650	0686002.18 18" R.C. PIPE (CLASS V) - 0' - 10' DEEP	94.000 I.f.	·	
0660	0707009 MEMBRANE WATERPROOFING (COLD LIQUID ELASTOMERIC) ** See Special Provisions **	1,800.000 s.y.		
0670	0712011 PERMANENT SOIL NAILS ** See Special Provisions **	4,560.000 l.f.		





Proposal Schedule of Items

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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pr	rice	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0680	0712012 VERIFICATION TEST NAILS ** See Special Provisions **	15.000 ea.				·
0690	0712013 STRUCTURE EXCAVATION (SOIL NAIL WALL) ** See Special Provisions **	1,300.000 c.y.				·
0700	0712014 SHOTCRETE CONSTRUCTION FACING ** See Special Provisions **	555.000 s.y.		·		·
0710	0712016 ABANDON AND BACKFILL DRILL HOLE ** See Special Provisions **	228.000 I.f.				
0720	0716000 TEMPORARY EARTH RETAINING SYSTEM	3,400.000 s.f.		·		
0730	0728001 CRUSHED STONE FOR SLOPE PROTECTION	16.000 ton				
0740	0728014 3/4" CRUSHED STONE ** See Special Provisions **	60.000 c.y.				·
0750	0751120 UNDERDRAIN WITH 6" PERFORATED CORRUGATED POLYETHYLENE PIPE	435.000 I.f.				·
0760	0815001 BITUMINOUS CONCRETE LIP CURBING	1,925.000 I.f.		·		
0770	0821177 PRECAST CONCRETE BARRIER CURB ("F" SHAPE - SINGLE FACE)	125.000 I.f.				·





Proposal Schedule of Items

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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line	Line Item ID Approximate		Unit Pri	ce	Bid Amount	
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0780	0821178 PRECAST CONCRETE BARRIER CURB ("F" SHAPE - DOUBLE FACE)	5,300.000 l.f.				
0790	0821189 CONCRETE BARRIER TRANSITION SECTION ** See Special Provisions **	35.000 I.f.		·		
0800	0821393 JERSEY SHAPE TRANSITION TO F-SHAPE PRECAST CONCRETE BARRIER CURB ** See Special Provisions **	40.000 l.f.		<u> </u>		·
0810	0822001 TEMPORARY PRECAST CONCRETE BARRIER CURB	6,310.000 l.f.				·
0820	0822002 RELOCATED TEMPORARY PRECAST CONCRETE BARRIER CURB	10,500.000 I.f.				
0830	0822005 TEMPORARY PRECAST CONCRETE BARRIER CURB (STRUCTURE) ** See Special Provisions **	170.000 l.f.				·
0840	0822006 RELOCATED TEMPORARY PRECAST CONCRETE BARRIER CURB(STRUCTURE) ** See Special Provisions **	170.000 l.f.		<u>.</u>		·
0850	0824052 REMOVE EXISTING CONCRETE BARRIER CURB ** See Special Provisions **	5,340.000 l.f.				-
0860	0910021 R-B END ANCHORAGE - TYPE I	1.000 ea.				





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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pric	e	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0870	0910174 R-B 350 BRIDGE ATTACHMENT - JERSEY SHAPED PARAPET	2.000 ea.				
0880	0910186 R-B 350 BRIDGE ATTACHMENT - TRAILING END	1.000 ea.				
0890	0910190 CONVERT METAL BEAM RAIL (TYPE R-I) TO (TYPE R-B 350)	138.000 I.f.				
0900	0910300 METAL BEAM RAIL (R-B MASH)	188.000 l.f.		.		·
0910	0912503 REMOVE METAL BEAM RAIL	1,050.000 l.f.				
0920	0913027 REMOVE AND RELOCATE CHAIN LINK FENCE ** See Special Provisions **	155.000 l.f.				
0930	0917010 REPAIR GUIDERAIL (ESTIMATED COST) ** See Special Provisions **	1,000.000 est.		1.00		1,000.00
0940	0918031 END ANCHORAGE-BRIDGE TYPE	1.000 ea.				
0950	0921001 CONCRETE SIDEWALK	6,700.000 s.f.				·
0960	0921005 CONCRETE SIDEWALK RAMP	715.000 s.f.				
0970	0939001 SWEEPING FOR DUST CONTROL	275.000 hr				·





Proposal Schedule of Items

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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price	Bid Amount
Number	Description	Quantity and Units	Dollars Cer	nts Dollars Cents
0980	0942001 CALCIUM CHLORIDE FOR DUST CONTROL	10.000 ton	·	
0990	0943001 WATER FOR DUST CONTROL	450.000 m.ga		
1000	0945005 WILDFLOWER ESTABLISHMENT ** See Special Provisions **	30.000 lb.		
1010	0950019 TURF ESTABLISHMENT - LAWN ** See Special Provisions **	1,300.000 s.y.		·
1020	0950039 EROSION CONTROL MATTING TYPE D	2,500.000 s.y.		
1030	0969030 PROJECT COORDINATOR (MINIMUM BID) ** See Special Provisions **	1.000 LUMP SUM		·
1040	0969062 CONSTRUCTION FIELD OFFICE, MEDIUM ** See Special Provisions **	20.000 mo.		
1050	0970006 TRAFFICPERSON (MUNICIPAL POLICE OFFICER) (ESTIMATED COST)	115,000.000 est.		1.00 115,000.00
1060	0971001 MAINTENANCE AND PROTECTION OF TRAFFIC ** See Special Provisions **	1.000 LUMP SUM		
1070	0973012 CONSTRUCTION MONITORING - EXISTING BRIDGE ** See Special Provisions **	1.000 LUMP SUM		<u>-</u>





Proposal Schedule of Items

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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pr	rice	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
1080	0974001 REMOVAL OF EXISTING MASONRY ** See Special Provisions **	285.000 c.y.		·		<u> </u>
1090	0975004 MOBILIZATION AND PROJECT CLOSEOUT	1.000 LUMP SUM		·		·
1100	0976002 BARRICADE WARNING LIGHTS - HIGH INTENSITY	2,150.000 day		·		·
1110	0978002 TRAFFIC DRUM	200.000 ea.				·
1120	0979003 CONSTRUCTION BARRICADE TYPE III	120.000 ea.		·		•
1130	0980001 CONSTRUCTION STAKING	1.000 LUMP SUM				·
1140	1001001 TRENCHING AND BACKFILLING ** See Special Provisions **	2,858.000 l.f.		·		•
1150	1002101 LIGHT STANDARD FOUNDATION - TYPE I	4.000 ea.		·		• .
1160	1002201 TRAFFIC CONTROL FOUNDATION- SPAN POLE ** See Special Provisions **	7.000 ea.		·		
1170	1002203 TRAFFIC CONTROL FOUNDATION- PEDESTAL-TYPE I	9.000 ea.		·		·





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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pr	ice	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
1180	1002208 TRAFFIC CONTROL FOUNDATION - CONTROLLER - TYPE IV	2.000 ea.		·		
1190	1003912 REMOVE CONCRETE LIGHT STANDARD BASE ** See Special Provisions **	4.000 ea.				
1200	1003916 REMOVE AND RELOCATE LIGHT STANDARD ** See Special Provisions **	6.000 ea.		·		
1210	1006001 UNDERBRIDGE LUMINAIRE - LED (PENDANT MOUNTED) ** See Special Provisions **	4.000 ea.		·		
1220	1006008 UNDERBRIDGE LUMINAIRE HIGH PRESSURE SODIUM (100 WATT)	4.000 ea.		·		
1230	1006151 REMOVE UNDERBRIDGE LUMINAIRE ** See Special Provisions **	2.000 ea.		·		
1240	1008011 3/4" RIGID METAL CONDUIT - SURFACE	230.000 l.f.				•
1250	1008111 3/4" RIGID METAL CONDUIT IN TRENCH	100.000 l.f.		·		
1260	1008115 2" RIGID METAL CONDUIT IN TRENCH ** See Special Provisions **	1,663.000 l.f.		·		





Proposal Schedule of Items

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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pr	ice	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
1270	1008117 3" RIGID METAL CONDUIT IN TRENCH ** See Special Provisions **	105.000 l.f.		·		•
1280	1008127 2" POLYVINYL CHLORIDE CONDUIT IN TRENCH	245.000 l.f.				•
1290	1008128 2 1/2" POLYVINYL CHLORIDE CONDUIT IN TRENCH	105.000 I.f.		·		
1300	1008140 2 1/2" POLYVINYL CHLORIDE CONDUIT UNDER ROADWAY	45.000 l.f.				•
1310	1008181 2" POLYVINYL CHLORIDE CONDUIT UNDER ROADWAY	230.000 l.f.				
1320	1008217 3" RIGID METAL CONDUIT UNDER ROADWAY	155.000 I.f.				·
1330	1008643 2" FIBERGLASS CONDUIT - SURFACE ** See Special Provisions **	240.000 l.f.		·		·
1340	1008664 2" FIBERGLASS CONDUIT IN TRENCH ** See Special Provisions **	160.000 l.f.		·		·
1350	1008710 4" RIGID METAL MULTI DUCT CONDUIT - IN TRENCH	150.000 I.f.				
1360	1008720 4" RIGID METAL MULTI DUCT CONDUIT - UNDER ROADWAY	50.000 I.f.				





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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

1380 1 1390 1	Item ID Description 1008908 CLEAN EXISTING CONDUIT ** See Special Provisions ** 1010001 CONCRETE HANDHOLE 1010011 CONCRETE HANDHOLE - TYPE I 1010021 CONCRETE HANDHOLE - TYPE II	Quantity and Units 250.000 I.f. 11.000 ea. 4.000 ea. 10.000 ea.	Dollars	Cents	Dollars	Cents
1380 1 1390 1	CLEAN EXISTING CONDUIT ** See Special Provisions ** 1010001 CONCRETE HANDHOLE 1010011 CONCRETE HANDHOLE - TYPE I 1010021 CONCRETE HANDHOLE - TYPE	1.f. 11.000 ea. 4.000 ea. 10.000				
1390	CONCRETE HANDHOLE 1010011 CONCRETE HANDHOLE - TYPE I 1010021 CONCRETE HANDHOLE - TYPE	ea. 4.000 ea. 10.000				·
(CONCRETE HANDHOLE - TYPE I 1010021 CONCRETE HANDHOLE - TYPE	ea.		·		·
4400	CONCRETE HANDHOLE - TYPE					
(·		·
(1010060 CLEAN EXISTING CONCRETE HANDHOLE ** See Special Provisions **	4.000 ea.				·
	1012010 NO. 10 SINGLE CONDUCTOR	1,240.000 l.f.				
	1012031 NO. 2 SINGLE CONDUCTOR	2,700.000 l.f.		·		·
	1012036 NO. 6 SINGLE CONDUCTOR	320.000 l.f.				
F	1014901 REMOVE CABLE ** See Special Provisions **	2,430.000 l.f.				·
1	1015001 NO. 8 BARE COPPER GROUNDING CONDUCTOR	1,060.000 l.f.		·		
1	1015002 NO. 10 BARE COPPER GROUNDING CONDUCTOR	620.000 I.f.				·
5	1017050 SERVICE RELOCATION ** See Special Provisions **	1.000 ea.				·





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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pr	ice	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
1490	1102002 8' ALUMINUM PEDESTAL	2.000 ea.		·		·
1500	1102008 4'-4" ALUMINUM PEDESTAL	6.000 ea.		·		
1510	1102014 20' ALUMINUM PEDESTAL	1.000 ea.		·		
1520	1103023 32' STEEL SPAN POLE ** See Special Provisions **	7.000 ea.		·		
1530	1105001 1 WAY, 1 SECTION SPAN WIRE TRAFFIC SIGNAL ** See Special Provisions **	6.000 ea.				·
1540	1105003 1 WAY, 3 SECTION SPAN WIRE TRAFFIC SIGNAL ** See Special Provisions **	14.000 ea.		<u>-</u>		•
1550	1106001 1 WAY PEDESTRIAN SIGNAL POLE MOUNTED ** See Special Provisions **	7.000 ea.		<u> </u>		·
1560	1106003 1 WAY PEDESTRIAN SIGNAL PEDESTAL MOUNTED ** See Special Provisions **	1.000 ea.				
1570	1106004 2 WAY PEDESTRIAN SIGNAL PEDESTAL MOUNTED ** See Special Provisions **	1.000 ea.		<u> </u>		·
1580	1107011 ACCESSIBLE PEDESTRIAN SIGNAL AND DETECTOR(TYPE A) ** See Special Provisions **	10.000 ea.				•





Proposal Schedule of Items

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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pr	rice	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
1590	1108163 MODIFY EXISTING CONTROLLER ** See Special Provisions **	3.000 ea.				
1600	1108207 INSTALL STATE FURNISHED TRAFFIC CONTROLLER AND CABINET ** See Special Provisions **	2.000 ea.				
1610	1108665 10/100/1000 BASE - T ETHERNET SWITCH ** See Special Provisions **	5.000 ea.		·		·
1620	1108808 TRAINING ** See Special Provisions **	1.000 LUMP SUM				·
1630	1108826 OPTICAL FIBER TERMINATION PATCH PANELS ** See Special Provisions **	5.000 ea.				
1640	1111201 TEMPORARY DETECTION (SITE NO. 1) ** See Special Provisions **	1.000 LUMP SUM		·		
1650	1111202 TEMPORARY DETECTION (SITE NO. 2) ** See Special Provisions **	1.000 LUMP SUM				·
1660	1111600 EXTENSION BRACKET ** See Special Provisions **	4.000 ea.		·		·
1670	1112241 FIBER OPTIC CABLE SPLICE ENCLOSURE ** See Special Provisions **	2.000 ea.				·





Proposal Schedule of Items

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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pr	ice	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
1680	1112242 FIBER OPTIC SPLICE ENCLOSURE (SIGNAL) ** See Special Provisions **	5.000 ea.		<u>-</u>		·
1690	1112284 VEHICLE DETECTION MONITOR ** See Special Provisions **	2.000 ea.		·		·
1700	1112285 THERMAL VIDEO DETECTOR ASSEMBLY ** See Special Provisions **	5.000 ea.				
1710	1112286 360- DEGREE CAMERA ASSEMBLY ** See Special Provisions **	2.000 ea.				<u>-</u>
1720	1112289 360-DEGREE CLOSED LOOP SYSTEM VIDEO DETECTION PROCESSOR ** See Special Provisions **	2.000 ea.		·		
1730	1113102 5 CONDUCTOR NO. 14 CABLE	1,180.000 I.f.		·		·
1740	1113103 7 CONDUCTOR NO. 14 CABLE	2,750.000 I.f.				
1750	1113104 9 CONDUCTOR NO. 14 CABLE	340.000 l.f.				
1760	1113125 25 CONDUCTOR NO. 14 CABLE	300.000 l.f.				
1770	1113552 DETECTOR CABLE (OPTICAL) (MODIFIED) ** See Special Provisions **	1,130.000 l.f.				





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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pr	rice	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
1780	1113604 OPTICAL FIBERCABLE - SINGLE MODE LOOSE BUFFER TUBE CABLE, 6 FIBER ** See Special Provisions **	2,000.000 I.f.		·		
1790	1113618 OPTICAL FIBERCABLE - SINGLE MODE LOOSE BUFFER TUBE CABLE, 36 FIBER ** See Special Provisions **	2,500.000 l.f.		·		·
1800	1113621 OPTICAL FIBERCABLE - SINGLE MODE LOOSE BUFFER TUBE CABLE, 72 FIBER ** See Special Provisions **	2,430.000 l.f.		·		·
1810	1113725 23 AWG 4 TWISTED PAIR CATEGORY 6 CABLE ** See Special Provisions **	220.000 I.f.		·		·
1820	1113814 REMOVAL AND/OR RELOCATION OF EXISTING ATMS ** See Special Provisions **	1.000 LUMP SUM				·
1830	1113901 CAMERA CABLE	1,590.000 l.f.		·		·
1840	1114101 MESSENGER ** See Special Provisions **	2,400.000 l.f.				
1850	1114102 SPAN WIRE ** See Special Provisions **	750.000 I.f.		·		•
1860	1118012 REMOVAL AND/OR RELOCATION OF TRAFFIC SIGNAL EQUIPMENT ** See Special Provisions **	1.000 LUMP SUM		·		





Proposal Schedule of Items

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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line	Item ID	Approximate Unit Price		rice	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
1870	1118051 TEMPORARY SIGNALIZATION (SITE NO. 1) ** See Special Provisions **	1.000 LUMP SUM				
1880	1118052 TEMPORARY SIGNALIZATION (SITE NO. 2) ** See Special Provisions **	1.000 LUMP SUM		·		·
1890	1118301 RELOCATE PRE-EMPTION SYSTEM (SITE NO. 1) ** See Special Provisions **	1.000 LUMP SUM		·		·
1900	1118302 RELOCATE PRE-EMPTION SYSTEM (SITE NO. 2) ** See Special Provisions **	1.000 LUMP SUM		·		·
1910	1130000 HIGH MOUNTED INTERNALLY ILLU- MINATED FLASHING ARROW	30.000 day		·		·
1920	1131002 REMOTE CONTROL CHANGEABLE MESSAGE SIGN	600.000 day		·		
1930	1203109 SIDE MOUNTED SIGN FOUNDATION	2.000 ea.				
1940	1205207 TYPE DE-7 DELINEATOR	50.000 ea.		·		
1950	1205214 TYPE DE-7A DELINEATOR	60.000 ea.				
1960	1205215 TYPE DE-7B DELINEATOR	280.000 ea.		·		•





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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line	Item ID	Approximate	Unit P	rice	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
1970	1206023 REMOVAL AND RELOCATION OF EXISTING SIGNS ** See Special Provisions **	1.000 LUMP SUM		·		·
1980	1207034 SIGN FACE - EXTRUDED ALUMINUM (TYPE IV RETROREFLECTIVE SHEETING) ** See Special Provisions **	231.000 s.f.				
1990	1208931 SIGN FACE - SHEET ALUMINUM (TYPE IX RETROREFLECTIVE SHEETING) ** See Special Provisions **	100.000 s.f.		·		·
2000	1208932 SIGN FACE - SHEET ALUMINUM (TYPE IV RETROREFLECTIVE SHEETING) ** See Special Provisions **	310.000 s.f.		<u>-</u>		······
2010	1209114 HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" YELLOW	13,617.000 I.f.		·		·
2020	1209116 HOT-APPLIED PAINTED PAVEMENT MARKINGS 6" YELLOW	270.000 I.f.				·
2030	1209124 HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" WHITE	11,084.000 I.f.		·		·
2040	1209126 HOT-APPLIED PAINTED PAVEMENT MARKINGS 6" WHITE	7,900.000 I.f.				





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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pr	rice	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
2050	1209128 HOT-APPLIED PAINTED PAVEMENT MARKINGS 8" WHITE	400.000 I.f.		·		·
2060	1209131 HOT-APPLIED PAINTED LEGEND, ARROWS AND MARKINGS	240.000 s.f.				·
2070	1210101 4" WHITE EPOXY RESIN PAVEMENT MARKINGS	11,000.000 l.f.		·		
2080	1210102 4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	6,500.000 l.f.				'
2090	1210103 6" WHITE EPOXY RESIN PAVEMENT MARKINGS	465.000 I.f.				·
2100	1210104 8" WHITE EPOXY RESIN PAVEMENT MARKINGS	400.000 l.f.		·		·
2110	1210105 EPOXY RESIN PAVEMENT MARKINGS, SYMBOLS AND LEGENDS	256.000 s.f.		·		·
2120	1211001 REMOVAL OF PAVEMENT MARKINGS	14,060.000 s.f.		·		·
2130	1212001 TEMPORARY PLASTIC PAVEMENT MARKING TAPE - 4" YELLOW	7,500.000 l.f.				·
2140	1212002 TEMPORARY PLASTIC PAVEMENT MARKING TAPE - 4" WHITE	7,500.000 l.f.				





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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line	Item ID	Approximate	Unit P	rice	Bid Amount	
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
2150	1212003 TEMPORARY PLASTIC PAVEMENT MARKING TAPE - 6" WHITE	2,250.000 l.f.		·		
2160	1214002 6" PREFORMED BLACK LINE MASK PAVEMENT MARKING TAPE	31,270.000 l.f.		·		
2170	1214003 8" PREFORMED BLACK LINE MASK PAVEMENT MARKING TAPE	400.000 I.f.		·		·
2180	1220027 CONSTRUCTION SIGNS	1,871.000 s.f.		·		
2190	1301966 8" SOLID SLEEVE ** See Special Provisions **	2.000 ea.				
2200	1301968 12" SOLID SLEEVE ** See Special Provisions **	2.000 ea.				
2210	1302004 8" GATE VALVE ** See Special Provisions **	2.000 ea.				
2220	1302006 12" GATE VALVE ** See Special Provisions **	2.000 ea.				·
2230	1303238 RESET FIRE SUPPRESSION SYSTEM ** See Special Provisions **	1.000 ea.		·		·
2240	1400000 TEST PIT EXCAVATION (SANITARY SEWER) ** See Special Provisions **	20.000 c.y.		·		





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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price	Bid Amount	
			Dollars Cents	Dollars Cents	
2250	1400003 TRENCH EXCAVATION 0'-10' DEEP (SANITARY SEWER) ** See Special Provisions **	660.000 c.y.		·	
2260	1400004 ROCK IN TRENCH EXCAVATION 0'-10' DEEP (SANITARY SEWER) ** See Special Provisions **	660.000 c.y.		·	
2270	1400051 DEWATERING (SANITARY SEWER) ** See Special Provisions **	1.000 LUMP SUM		·	
2280	1401242 8" DUCTILE IRON PIPE (SANITARY SEWER) ** See Special Provisions **	360.000 l.f.		·	
2290	1401254 12" DUCTILE IRON PIPE (SANITARY SEWER) ** See Special Provisions **	360.000 I.f.		·	
2300	1401991 1/2" CRUSHED STONE BEDDING (SANITARY SEWER) ** See Special Provisions **	130.000 c.y.			
2310	1401994 SAND BLANKET COVER (SANITARY SEWER) ** See Special Provisions **	160.000 c.y.		·	
2320	1403608 REMOVAL OF EXISTING SANITARY SEWER ** See Special Provisions **	420.000 l.f.			
2330	1405081 GRANULAR FILL (SANITARY SEWER) ** See Special Provisions **	450.000 c.y.		·	





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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2340	1802210.02 TEMPORARY SAND BARREL (200 lb.)	4.000 ea.				•
2350	1802210.04 TEMPORARY SAND BARREL (400 lb.)	4.000 ea.		·		·
2360	1802210.07 TEMPORARY SAND BARREL (700 lb.)	12.000 ea.		·		•
2370	1802210.14 TEMPORARY SAND BARREL (1400 lb.)	16.000 ea.		·		•
2380	1802210.21 TEMPORARY SAND BARREL (2100 lb.)	8.000 ea.		·		·_
2390	1802211.04 RELOCATION OF TEMPORARY SAND BARREL (400 lb.)	6.000 ea.		·		·
2400	1802211.07 RELOCATION OF TEMPORARY SAND BARREL (700 lb.)	18.000 ea.		·		•
2410	1802211.14 RELOCATION OF TEMPORARY SAND BARREL (1400 lb.)	24.000 ea.		·		•
2420	1802211.21 RELOCATION OF TEMPORARY SAND BARREL (2100 lb.)	12.000 ea.				·
2430	1803336 IMPACT ATTENUATION SYSTEM (NON-GATING)	2.000 ea.				
2440	1806202 TRUCK-MOUNTED OR TRAILER-MOUNTED IMPACT ATTENUATOR	80.000 hr		·		



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Proposal ID: 0014-0185 **Project(s):** 0014-0185

SECTION: 1

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2450	1806226 PRE-WARNING VEHICLE ** See Special Provisions **	40.000 hr				
	·	Section: 1		Total:		·
			Total Bid:			