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

#### **INVITATION TO BID**

Date Advertised: August 22, 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, September 19, 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 <a href="https://www.bidx.com/ct/main">https://www.bidx.com/ct/main</a>, by accessing the "Lettings" tab.

Proposal ID Number: 0096-0200

**Project Scope Code: K** 

**State Project Number(s) & Description:** Project No. 96-200; I-84 Resurfacing, Bridge Rehabilitation and Safety Improvements in the Town of Newtown.

Federal-aid Project Number(s) & Funding Source: Federal (F.A.P. No. 0842(0310)) & State

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

**District Number(s):** 4 Thomaston

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 - <a href="http://www.ct.gov/dot/cwp/view.asp?a=2288&q=259262">http://www.ct.gov/dot/cwp/view.asp?a=2288&q=259262</a>, 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 <a href="mailto:dotcontracts@ct.gov">dotcontracts@ct.gov</a> 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

CODE	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: September 19, 2018

**Proposal ID**: 0096-0200

**Projects**: 0096-0200

**Districts**: Thomaston

Towns: NEWTOWN



7/19/2018

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**Proposal ID:** 0096-0200

I-84 RESURFACING, BRIDGE REHABILITATION, SAFETY IMPROVEMENTS

Time ID	Completion Date or Number of Units	Unit Type	Time Type	Liquidated Damages Rate	Contract Time Flag
00	462	Days	CD	4,100.00 Days	

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





#### **Proposal Schedule of Items**

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**Proposal ID:** 0096-0200 **Project(s):** 0096-0200

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pr	ice	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0010	0001144 12 CONDUCTOR 10 AWG CONTROL CABLE	108.000 l.f.				
0020	0020765 GUANO ABATEMENT ** See Special Provisions **	100.000 c.f.		·		
0030	0020905  LEAD COMPLIANCE FOR ABRASIVE BLAST CLEANING AND MISCELLANEOUS TASKS ** See Special Provisions **	1.000 LUMP SUM		·		·
0040	0090022 REMOVE DIRT AND DEBRIS ** See Special Provisions **	6.000 ea.				
0050	0201001 CLEARING AND GRUBBING	1.000 LUMP SUM		·		·
0060	0202000  EARTH EXCAVATION ** See Special Provisions **	5,817.000 c.y.		·		·
0070	0202100 ROCK EXCAVATION	62.000 c.y.				·
0800	0202216 EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL ** See Special Provisions **	82.000 c.y.		<u></u>		
0090	0202217 SUPPLEMENTAL STREAMBED CHANNEL MATERIAL ** See Special Provisions **	1,000.000 est.		1.00		1,000.00
0100	0202452 TEST PIT ** See Special Provisions **	7.000 ea.		·		·





#### **Proposal Schedule of Items**

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**Proposal ID:** 0096-0200 **Project(s):** 0096-0200

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price	Bid Amount
Number	Description	Quantity and Units	Dollars Cer	nts Dollars Cents
0110	0202456 PAVEMENT CORE ** See Special Provisions **	307.000 ea.	·	
0120	0202529 CUT BITUMINOUS CONCRETE PAVEMENT	5,976.000 l.f.	·	
0130	0204401 HANDLING WATER (SITE NO.1) ** See Special Provisions **	1.000 LUMP SUM	·	
0140	0204402 HANDLING WATER (SITE NO.2) ** See Special Provisions **	1.000 LUMP SUM		
0150	0204403 HANDLING WATER (SITE NO.3) ** See Special Provisions **	1.000 LUMP SUM	·	
0160	0204404 HANDLING WATER (SITE NO.4) ** See Special Provisions **	1.000 LUMP SUM		
0170	0207000 BORROW	710.000 c.y.		
0180	0209001 FORMATION OF SUBGRADE	1,468.000 s.y.		
0190	0211000 ANTI-TRACKING PAD	1,263.000 s.y.		
0200	0212000 SUBBASE	1,386.000 c.y.		
0210	0213100 GRANULAR FILL	324.000 c.y.		
0220	0216012 CONTROLLED LOW STRENGTH MATERIAL ** See Special Provisions **	3.000 c.y.		





#### **Proposal Schedule of Items**

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**Proposal ID:** 0096-0200 **Project(s):** 0096-0200

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pr	ice	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0230	0219001 SEDIMENTATION CONTROL SYSTEM	58,749.000 I.f.				·
0240	0219011 SEDIMENT CONTROL SYSTEM AT CATCH BASIN ** See Special Provisions **	234.000 ea.		·		<u>-</u>
0250	0286001.10 ROCK IN DRAINAGE TRENCH EXCAVATION 0'-10' DEEP	5.000 c.y.		·		
0260	0304002 PROCESSED AGGREGATE BASE	1,686.000 c.y.				·
0270	0305000 PROCESSED AGGREGATE	6,307.000 ton		·		·
0280	0401152 CONCRETE PAVEMENT REPLACEMENT FOR ROADWAY (FULL DEPTH) ** See Special Provisions **	502.000 c.y.				·
0290	0404100 BITUMINOUS CONCRETE PATCHING - FULL DEPTH ** See Special Provisions **	712.000 s.y.				·
0300	0406125 BITUMINOUS CONCRETE SURFACE PATCH ** See Special Provisions **	499.000 s.y.				·
0310	0406159 PMA S0.5	57,204.000 ton		·		·
0320	0406170 HMA S1	267.000 ton				
0330	0406173 HMA S0.25	7,699.000 ton		·		





#### **Proposal Schedule of Items**

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**Proposal ID:** 0096-0200 **Project(s):** 0096-0200

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pr	rice	Bid Ar	mount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0340	0406180 HOT MIX ASPHALT SMOOTHNESS ADJUSTMENT (ESTIMATED COST) ** See Special Provisions **	110,000.000 est.		1.00		110,000.00
0350	0406194  JOINT AND CRACK SEALING OF BITUMINOUS CONCRETE PAVEMENT ** See Special Provisions **	2,600.000 l.f.		·		·
0360	0406195 FILLING JOINTS AND CRACKS IN BITUMINOUS CONCRETE PAVEMENT ** See Special Provisions **	66,528.000 I.f.		·		
0370	0406236 MATERIAL FOR TACK COAT	48,096.000 gal				
0380	0406275 FINE MILLING OF BITUMINOUS CONCRETE (0" TO 4") ** See Special Provisions **	234,120.000 s.y.				
0390	0406277 REMOVAL OF EXISTING WEARING SURFACE ** See Special Provisions **	5,850.000 s.y.		·		
0400	0406287 RUMBLE STRIPS-AUTOMATED ** See Special Provisions **	87,360.000 l.f.				·
0410	0406289 REMOVAL OF RUMBLE STRIPS ** See Special Provisions **	12,600.000 l.f.				
0420	0406303 SAWING AND SEALING JOINTS ** See Special Provisions **	108.000 l.f.				





#### **Proposal Schedule of Items**

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**Proposal ID:** 0096-0200 **Project(s):** 0096-0200

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price	Bio	I Amount
Number	Description	Quantity and Units	Dollars Cer	nts Dollar	rs Cents
0430	0406314 80 MIL PAVEMENT MARKING GROOVE 5" WIDE ** See Special Provisions **	110,998.000 I.f.			·
0440	0406315 80 MIL PAVEMENT MARKING GROOVE 7" WIDE ** See Special Provisions **	14,092.000 l.f.			·
0450	0406316 80 MIL PAVEMENT MARKING GROOVE 9" WIDE ** See Special Provisions **	7,827.000 I.f.			·
0460	0406600 MATERIAL TRANSFER VEHICLE	53,303.000 ton			
0470	0406999 ASPHALT ADJUSTMENT COST (ESTIMATED COST) ** See Special Provisions **	60,000.000 est.		1.00	60,000.00
0480	0503883  JACKING EXISTING SUPERSTRUCTURE (SITE NO. 6) ** See Special Provisions **	1.000 LUMP SUM			
0490	0503885  JACKING EXISTING SUPERSTRUCTURE (SITE NO. 4) ** See Special Provisions **	1.000 LUMP SUM			
0500	0504009 RAILROAD PROTECTION (ESTIMATED COST)	10,000.000 est.		1.00	10,000.00
0510	0506001 CONCRETE FOR STEPS AND COPINGS	2.000 c.y.			
0520	0507167 TYPE "C-M" CATCH BASIN TOP	12.000 ea.			





#### **Proposal Schedule of Items**

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**Proposal ID:** 0096-0200 **Project(s):** 0096-0200

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pric	e	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0530	0507262 CONVERT CATCH BASIN TO TYPE "C" CATCH BASIN	11.000 ea.		·		·
0540	0507823 CONVERT CATCH BASIN TO TYPE "C-M" CATCH BASIN	9.000 ea.				
0550	0511003 CLEAN EXISTING SCUPPERS ** See Special Provisions **	3.000 ea.		·		·
0560	0520036 ASPHALTIC PLUG EXPANSION JOINT SYSTEM ** See Special Provisions **	600.000 c.f.				·
0570	0521003 BEARING REPLACEMENT WITH ELASTOMERIC BEARING PADS ** See Special Provisions **	27.000 ea.		<b>-</b>		·
0580	0586003.10 TYPE 'C' CATCH BASIN DOUBLE GRATE TYPE 1 - 0' - 10' DEEP	1.000 ea.				·
0590	0586005.10 TYPE 'C' CATCH BASIN DOUBLE GRATE TYPE 2 - 0' - 10' DEEP	1.000 ea.		·		·
0600	0586600 RESET CATCH BASIN	186.000 ea.				
0610	0586650 RESET MANHOLE	14.000 ea.				•
0620	0586701 CONVERT CATCH BASIN TO TYPE 'C-L' CATCH BASIN	3.000 ea.		<u>.</u>		······································
0630	0586750 TYPE 'C' CATCH BASIN TOP	116.000 ea.				





#### **Proposal Schedule of Items**

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**Proposal ID:** 0096-0200 **Project(s):** 0096-0200

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price		Bid Amo	ount
Number	Description	Quantity and Units	Dollars Ce	ents	Dollars	Cents
0640	0586760 TYPE 'C-L' CATCH BASIN TOP	53.000 ea.				
0650	0586780 MANHOLE FRAME AND COVER	14.000 ea.		·		
0660	0601000 CLASS "A" CONCRETE	7.000 c.y.		·		·
0670	0601073 CLASS "S" CONCRETE ** See Special Provisions **	600.000 c.f.				•
0680	0601192 SURFACE PATCH ** See Special Provisions **	22,176.000 s.f.				•
0690	0601318 PARTIAL DEPTH PATCH ** See Special Provisions **	700.000 c.f.				
0700	0601930 SLIP-LINING GROUT ** See Special Provisions **	260.000 c.y.				·
0710	0603222 DISPOSAL OF LEAD DEBRIS FROM ABRASIVE BLAST CLEANING ** See Special Provisions **	2.000 ton		•		
0720	0603223 DISPOSAL OF CONNECTICUT REGULATED WASTE LEAD DEBRIS FROM ABRASIVE BLAST CLEANING ** See Special Provisions **	3.000 ton				
0730	0603479  ABRASIVE BLAST CLEANING AND FIELD PAINTING OF BEAM ENDS (SITE NO. 1) ** See Special Provisions **	1.000 LUMP SUM				·





#### **Proposal Schedule of Items**

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**Proposal ID:** 0096-0200 **Project(s):** 0096-0200

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pr	rice	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0740	0603480 ABRASIVE BLAST CLEANING AND FIELD PAINTING OF BEAM ENDS (SITE NO. 2) ** See Special Provisions **	1.000 LUMP SUM				·
0750	0603482 ABRASIVE BLAST CLEANING AND FIELD PAINTING OF BEAM ENDS (SITE NO. 4) ** See Special Provisions **	1.000 LUMP SUM		·		
0760	0603484  ABRASIVE BLAST CLEANING AND FIELD PAINTING OF BEAM ENDS (SITE NO. 6) ** See Special Provisions **	1.000 LUMP SUM		·		·
0770	0603563 CLASS 1 CONTAINMENT AND COLLECTION OF SURFACE PREPARATION DEBRIS (SITE NO. 1) ** See Special Provisions **	1.000 LUMP SUM				·
0780	0603564  CLASS 1 CONTAINMENT AND COLLECTION OF SURFACE PREPARATION DEBRIS (SITE NO. 2) ** See Special Provisions **	1.000 LUMP SUM				<u>-</u>
0790	0603623 BEARING REPAIR ** See Special Provisions **	60.000 ea.				
0800	0603633 CLASS 1 CONTAINMENT AND COLLECTION OF SURFACE PREPARATION DEBRIS (SITE NO. 6) ** See Special Provisions **	1.000 LUMP SUM				





#### **Proposal Schedule of Items**

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**Proposal ID:** 0096-0200 **Project(s):** 0096-0200

SECTION: 1

Proposal Line	Item ID	Approximate	Unit P	rice	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0810	0603715  CLASS 1 CONTAINMENT AND COLLECTION OF SURFACE PREPARATION DEBRIS (SITE NO. 4) ** See Special Provisions **	1.000 LUMP SUM				·
0820	0603726 EMBEDDED GALVANIC ANODES ** See Special Provisions **	1,500.000 ea.				•
0830	0651337.48  48" CORRUGATED STEEL PIPE, ALUMINIZED TYPE 2 ** See Special Provisions **	620.000 I.f.		·		
0840	0651338 43"X27" CORRUGATED STEEL PIPE ARCH, ALUMINIZED TYPE 2 ** See Special Provisions **	186.000 I.f.		·		
0850	0651339 36"X22" CORRUGATED STEEL PIPE ARCH, ALUMINIZED TYPE 2 ** See Special Provisions **	204.000 I.f.		·		
0860	0651649 CURED-IN-PLACE PIPE LINING ** See Special Provisions **	127.000 I.f.		·		
0870	0652011 18" R.C. CULVERT END	2.000 ea.				•
0880	0653001 CLEAN EXISTING CATCH BASIN	234.000 ea.		<b>-</b>		
0890	0653002 CLEAN DRAINAGE SYSTEM ** See Special Provisions **	1.000 LUMP SUM				
0900	0653010 CLEAN EXISTING MANHOLE	15.000 ea.				·





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**Proposal ID:** 0096-0200 **Project(s):** 0096-0200

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price	е	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0910	0653100 CLEAN EXISTING CULVERT - 12" TO 42" DIAMETER	1,553.000 l.f.				
0920	0653101 CLEAN EXISTING CULVERT - GREATER THAN 42" DIAMETER	227.000 l.f.		·		
0930	0686000.15 15" R.C. PIPE - 0' - 10' DEEP	60.000 l.f.		•		•
0940	0686000.24 24" R.C. PIPE - 0' - 10' DEEP	11.000 l.f.		<b>.</b>		·
0950	0703011 INTERMEDIATE RIPRAP	119.000 c.y.				•
0960	0703012 MODIFIED RIPRAP	431.000 c.y.				
0970	0703030 PLACEMENT OF CHANNEL BOULDER ** See Special Provisions **	7.000 ea.				<u> </u>
0980	0703031 ROCK WEIR ** See Special Provisions **	1.000 ea.				
0990	0707001 MEMBRANE WATERPROOFING (WOVEN GLASS FABRIC)	5,850.000 s.y.				
1000	0755014 GEOTEXTILE (SEPARATION - HIGH SURVIVABILITY)	269.000 s.y.				·
1010	0803010 PAVED APRON	145.000 s.y.				
1020	0813451 GRANITE STONE TRANSITION CURBING	80.000 I.f.				





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**Proposal ID:** 0096-0200 **Project(s):** 0096-0200

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pr	ice	Bid Amount	
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
1030	0815093 BITUMINOUS CONCRETE PARK CURB	45,976.000 l.f.				·
1040	0821127 REMOVAL OF PRECAST CONCRETE BARRIER CURB	3,892.000 l.f.		·		·
1050	0821189 CONCRETE BARRIER TRANSITION SECTION	126.000 l.f.		·		
1060	0821501 F - SHAPE PRECAST CONCRETE BARRIER CURB (30" X 45") ** See Special Provisions **	3,686.000 I.f.				·
1070	0821513 VERTICAL FACE PRECAST CONCRETE BARRIER CURB (21" X 54")	630.000 I.f.				·
1080	0910021 R-B END ANCHORAGE - TYPE I	41.000 ea.		·		·
1090	0910023 R-B TERMINAL SECTION	1.000 ea.		·		·
1100	0910173 R-B 350 BRIDGE ATTACHMENT - VERTICAL SHAPED PARAPET	4.000 ea.				·
1110	0910174 R-B 350 BRIDGE ATTACHMENT - JERSEY SHAPED PARAPET	4.000 ea.		·		·
1120	0910186 R-B 350 BRIDGE ATTACHMENT - TRAILING END	14.000 ea.		·		
1130	0910300 METAL BEAM RAIL (R-B MASH)	34,238.000 l.f.				·





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SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price		Bid Amount	
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
1140	0910310 METAL BEAM RAIL (MD-B MASH)	8,169.000 l.f.		·		·
1150	0910400 CONVERT METAL BEAM RAIL (TYPE R-I TO TYPE R-I SYSTEM 2)	101.000 I.f.				·
1160	0910401 CONVERT METAL BEAM RAIL (TYPE R-I TO TYPE R-I SYSTEM 3)	25.000 I.f.				
1170	0910405 CONVERT METAL BEAM RAIL (TYPE MD-I) TO (TYPE MD-I SYSTEM 2)	38.000 I.f.		·		·
1180	0910890 R-B 350 BRIDGE ATTACHMENT SAFETY SHAPE PARAPET	9.000 ea.		·		·
1190	0911142 MD-B END ANCHORAGE TYPE I	7.000 ea.				
1200	0911912 ANCHOR IN EARTH CUT SLOPE	14.000 ea.				
1210	0911917 ANCHOR IN ROCK CUT SLOPE	1.000 ea.				
1220	0912499 REMOVE CABLE GUIDE RAIL	5,757.000 l.f.				
1230	0912503 REMOVE METAL BEAM RAIL	30,432.000 l.f.		·		
1240	0912614 RESET METAL BEAM RAIL (TYPE MD-B)	944.000 I.f.				·





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**Proposal ID:** 0096-0200 **Project(s):** 0096-0200

SECTION: 1

Proposal Line	Item ID	Approximate	Unit P	rice	Bid Amount		
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents	
1250	0917010  REPAIR GUIDERAIL (ESTIMATED COST) ** See Special Provisions **	20,000.000 est.		1.00		20,000.00	
1260	0918011 END ANCHORAGE-TYPE I	2.000 ea.					
1270	0939001 SWEEPING FOR DUST CONTROL	420.000 hr		·		<u>-</u>	
1280	0942001 CALCIUM CHLORIDE FOR DUST CONTROL	3.000 ton		·		·	
1290	0944000 FURNISHING AND PLACING TOPSOIL	91,778.000 s.y.		·		·	
1300	0949000 WOOD CHIP MULCH	748.000 s.y.					
1310	0949022 SALIX DISCOLOR, PUSSY WILLOW 24" - 36" HT. CONT.	53.000 ea.		·		<u>-</u>	
1320	0949085 CLETHRA ALNIFOLIA SUMMERSWEET 18"-24" HT. B.B.	73.000 ea.		·			
1330	0949089 COMPTONIA PEREGRINA SWEETFERN 18"- 24" HT. B.B.	63.000 ea.				·	
1340	0949097 AMELANCHIER CANADENSIS, SHADBLOW SERVICEBERRY 18"-24" HT. B. B.	52.000 ea.		·			





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SECTION: 1

Proposal Line	Item ID	Approximate	Unit Prid	ce	Bid Amount	
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
1350	0949099 CORNUS AMOMUM, SILKY DOGWOOD 18"-24" HT. CONTAINER	58.000 ea.				
1360	0950005 TURF ESTABLISHMENT	91,778.000 s.y.		·		•
1370	0950010 TEMPORARY SEEDING	91,778.000 s.y.		·		·
1380	0950032 EROSION CONTROL MATTING TYPE G	92.000 s.y.				·
1390	0950036 EROSION CONTROL MATTING TYPE E	3,132.000 s.y.		·		
1400	0950037 EROSION CONTROL MATTING TYPE C	2,258.000 s.y.		·		
1410	0950039 EROSION CONTROL MATTING TYPE D	2,747.000 s.y.		•		<u>-</u>
1420	0952001 SELECTIVE CLEARING AND THINNING ** See Special Provisions **	1.000 LUMP SUM				
1430	0952051  CONTROL AND REMOVAL OF INVASIVE VEGETATION ** See Special Provisions **	14,116.000 s.y.				
1440	0969030 PROJECT COORDINATOR (MINIMUM BID) ** See Special Provisions **	1.000 LUMP SUM				<b>.</b>





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**Proposal ID:** 0096-0200 **Project(s):** 0096-0200

SECTION: 1

Proposal Line	Item ID	Approximate	Unit P	rice	Bid Amount	
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
1450	0969064 CONSTRUCTION FIELD OFFICE, LARGE ** See Special Provisions **	26.000 mo.		·		·
1460	0970006 TRAFFICPERSON (MUNICIPAL POLICE OFFICER) (ESTIMATED COST)	50,000.000 est.		1.00		50,000.00
1470	0970007 TRAFFICPERSON (UNIFORMED FLAGGER)	355.000 hr		·		·
1480	0971001  MAINTENANCE AND PROTECTION OF TRAFFIC ** See Special Provisions **	1.000 LUMP SUM				
1490	0974001 REMOVAL OF EXISTING MASONRY	144.000 c.y.		·		·
1500	0974105 CONCRETE HAUNCH REMOVAL ** See Special Provisions **	6,250.000 l.f.		·		·
1510	0975004 MOBILIZATION AND PROJECT CLOSEOUT	1.000 LUMP SUM				
1520	0976002 BARRICADE WARNING LIGHTS - HIGH INTENSITY	300.000 day		·		
1530	0978002 TRAFFIC DRUM	525.000 ea.		·		·
1540	0979003 CONSTRUCTION BARRICADE TYPE III	17.000 ea.				





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SECTION: 1

Proposal Line	Item ID Description	Approximate	Unit P	rice	Bid Am	ount
Number		Quantity and Units	Dollars	Cents	Dollars	Cents
1550	0980001 CONSTRUCTION STAKING ** See Special Provisions **	1.000 LUMP SUM		·		
1560	0981100 42" TRAFFIC CONE	440.000 ea.				·
1570	1001001 TRENCHING AND BACKFILLING ** See Special Provisions **	3,179.000 l.f.				·
1580	1001004 ROCK IN TRENCH EXCAVATION(0' - 4' DEEP)	37.000 c.y.		·		
1590	1002203 TRAFFIC CONTROL FOUNDATION- PEDESTAL-TYPE I	2.000 ea.		·		
1600	1002214 TRAFFIC CONTROL FOUNDATION - CONTROLLER - TYPE IV MODIFIED ** See Special Provisions **	4.000 ea.		·		<u> </u>
1610	1002232 TRAFFIC CONTROL FOUNDATION - SPAN POLE - TYPE "C" ** See Special Provisions **	2.000 ea.				
1620	1008115 2" RIGID METAL CONDUIT IN TRENCH	6,062.000 l.f.				·
1630	1008117 3" RIGID METAL CONDUIT IN TRENCH	21.000 l.f.				
1640	1008215 2" RIGID METAL CONDUIT UNDER ROADWAY	357.000 I.f.				·





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**Proposal ID:** 0096-0200 **Project(s):** 0096-0200

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price	Bid Amount
Number	Description	Quantity and Units	Dollars Cents	Dollars Cents
1650	1008217 3" RIGID METAL CONDUIT UNDER ROADWAY	39.000 I.f.		
1660	1008908 CLEAN EXISTING CONDUIT ** See Special Provisions **	278.000 I.f.	<u> </u>	
1670	1010021 CONCRETE HANDHOLE - TYPE II	24.000 ea.		
1680	1010060 CLEAN EXISTING CONCRETE HANDHOLE ** See Special Provisions **	1.000 ea.		<u> </u>
1690	1012245 NO. 4 SINGLE CONDUCTOR XHHW-2	2,986.000 l.f.	·	·
1700	1012246 NO. 2 SINGLE CONDUCTOR XHHW-2	174.000 I.f.	<u> </u>	
1710	1014503 TRANSFORMER 5 KVA 240/120 VOLT ** See Special Provisions **	2.000 ea.	·	
1720	1014901 REMOVE CABLE ** See Special Provisions **	218.000 I.f.	<u> </u>	
1730	1017032 SERVICE (METERED) ** See Special Provisions **	3.000 ea.		
1740	1017033 SERVICE CABINET ** See Special Provisions **	3.000 ea.		
1750	1017034 INSTALL SERVICE ** See Special Provisions **	3.000 ea.		





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**Proposal ID:** 0096-0200 **Project(s):** 0096-0200

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pr	ice	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
1760	1050107 MOTORIST AID VARIABLE MESSAGE SIGN - TYPE B ** See Special Provisions **	2.000 ea.				
1770	1102008 4'-4" ALUMINUM PEDESTAL	2.000 ea.				·
1780	1107007 PEDESTRIAN PUSH BUTTON AND SIGN (PIEZO) ** See Special Provisions **	2.000 ea.		·		<u>.</u>
1790	1108163 MODIFY EXISTING CONTROLLER ** See Special Provisions **	1.000 ea.				·
1800	1108164 MODIFY EXISTING MAIN FIBER HUB ** See Special Provisions **	1.000 LUMP SUM		·		
1810	1108539 MODIFY EXISTING OPERATIONS CENTER CONTROL SYSTEM ** See Special Provisions **	1.000 LUMP SUM		·		·
1820	1108627 TERMINAL (PORT) SERVER ** See Special Provisions **	2.000 ea.		·		·
1830	1108628 PORT SHARING DEVICE ** See Special Provisions **	4.000 ea.		·		
1840	1108644 TRAFFIC MANAGEMENT SYSTEM CABINET ** See Special Provisions **	4.000 ea.				





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**Proposal ID:** 0096-0200 **Project(s):** 0096-0200

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price		Bid Amount	
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
1850	1108645 AUXILIARY TERMINATION CABINET ** See Special Provisions **	5.000 ea.				·
1860	1108670 WIRELESS ROUTER ** See Special Provisions **	2.000 ea.				
1870	1108729 VIDEO MPEG4 ENCODER ** See Special Provisions **	2.000 ea.		·		
1880	1108730 VIDEO MPEG4 DECODER ** See Special Provisions **	4.000 ea.		·		
1890	1108740 NETWORK CUSTOMER SERVICE UNIT ** See Special Provisions **	4.000 ea.				
1900	1111201 TEMPORARY DETECTION (SITE NO. 1) ** See Special Provisions **	1.000 LUMP SUM		·		·
1910	1111401 LOOP VEHICLE DETECTOR ** See Special Provisions **	2.000 ea.		·		·
1920	1111451 LOOP DETECTOR SAW CUT ** See Special Provisions **	290.000 l.f.		·		·
1930	1112210 CAMERA ASSEMBLY ** See Special Provisions **	2.000 ea.				
1940	1112217 CAMERA LOWERING DEVICE ASSEMBLY TYPE B ** See Special Provisions **	2.000 ea.				





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**Proposal ID:** 0096-0200 **Project(s):** 0096-0200

SECTION: 1

Proposal Line	Item ID	Approximate	Unit P	rice	Bid Amount	
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
1950	1112252 EQUIPMENT OPERATIONS (ESTIMATED COST) ** See Special Provisions **	10,000.000 est.		1.00		10,000.00
1960	1113050 2 CONDUCTOR NO. 14 CABLE	30.000 l.f.		·		
1970	1113103 7 CONDUCTOR NO. 14 CABLE	250.000 l.f.				
1980	1113604  OPTICAL FIBERCABLE - SINGLE MODE LOOSE BUFFER TUBE CABLE, 6 FIBER ** See Special Provisions **	3,015.000 l.f.				
1990	1113726 NO. 20 AWG, 6 TWISTED PAIR COMMUNICATION CABLE	174.000 I.f.		·		
2000	1113813 REMOVAL OF EXISTING ATMS ** See Special Provisions **	1.000 LUMP SUM				
2010	1118012 REMOVAL AND/OR RELOCATION OF TRAFFIC SIGNAL EQUIPMENT ** See Special Provisions **	1.000 LUMP SUM		·		·
2020	1118051 TEMPORARY SIGNALIZATION (SITE NO. 1) ** See Special Provisions **	1.000 LUMP SUM		·		·
2030	1130000 HIGH MOUNTED INTERNALLY ILLU- MINATED FLASHING ARROW	410.000 day		<u>-</u>		·
2040	1131002 REMOTE CONTROL CHANGEABLE MESSAGE SIGN	347.000 day		·		





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SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pr	ice	Bid Amount	
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
2050	1201216  OVERHEAD CANTILEVER SIGN SUPPORT (TYPE VMS 1) ** See Special Provisions **	2.000 ea.				
2060	1202247  OVERHEAD CANTILEVER SIGN SUPPORT FOUNDATION (TYPE VMS 1) ** See Special Provisions **	2.000 ea.		·		
2070	1205201 TYPE DE-1 DELINEATOR	634.000 ea.		·		
2080	1205202 TYPE DE-2 DELINEATOR	41.000 ea.		·		
2090	1205203 TYPE DE-3 DELINEATOR	64.000 ea.		·		·
2100	1206023 REMOVAL AND RELOCATION OF EXISTING SIGNS ** See Special Provisions **	1.000 LUMP SUM		·		•
2110	1208932 SIGN FACE - SHEET ALUMINUM (TYPE IV RETROREFLECTIVE SHEETING) ** See Special Provisions **	385.000 s.f.				·
2120	1209114 HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" YELLOW	55,313.000 I.f.				·
2130	1209124 HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" WHITE	55,685.000 I.f.				<u> </u>





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**Proposal ID:** 0096-0200 **Project(s):** 0096-0200

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pri	ice	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
2140	1209126 HOT-APPLIED PAINTED PAVEMENT MARKINGS 6" WHITE	14,092.000 l.f.				·
2150	1209128 HOT-APPLIED PAINTED PAVEMENT MARKINGS 8" WHITE	7,827.000 l.f.		·		
2160	1209131 HOT-APPLIED PAINTED LEGEND, ARROWS AND MARKINGS	1,258.000 s.f.		·		·
2170	1210101 4" WHITE EPOXY RESIN PAVEMENT MARKINGS	55,685.000 l.f.				
2180	1210102 4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	55,313.000 l.f.		<del>.</del>		·
2190	1210103 6" WHITE EPOXY RESIN PAVEMENT MARKINGS	14,092.000 l.f.				
2200	1210104 8" WHITE EPOXY RESIN PAVEMENT MARKINGS	7,827.000 l.f.				·
2210	1210105 EPOXY RESIN PAVEMENT MARKINGS, SYMBOLS AND LEGENDS	1,535.000 s.f.		<u></u> .		<u> </u>
2220	1210107 8" YELLOW EPOXY RESIN PAVEMENT MARKINGS	53.000 l.f.				
2230	1220027 CONSTRUCTION SIGNS	781.000 s.f.		·		



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SECTION: 1

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
2240	1303251 FIRE SUPPRESSION STANDPIPE SYSTEM (SITE NO. 1) ** See Special Provisions **	1.000 LUMP SUM				·
2250	1303252 FIRE SUPPRESSION STANDPIPE SYSTEM (SITE NO. 2) ** See Special Provisions **	1.000 LUMP SUM				
2260	1803300 IMPACT ATTENUATION SYSTEM (TANGENTIAL)	5.000 ea.		·		
2270	1803336 IMPACT ATTENUATION SYSTEM (NON-GATING)	1.000 ea.				
2280	1806202 TRUCK-MOUNTED OR TRAILER-MOUNTED IMPACT ATTENUATOR	2,510.000 hr		·		
2290	1806226 PRE-WARNING VEHICLE ** See Special Provisions **	2,380.000 hr		·		·
2300	1809501 RESET IMPACT ATTENUATOR ** See Special Provisions **	1.000 ea.		·		
	Section	n: 1	Tota	al:		

Total Bid:	