

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

INVITATION TO BID

Date Advertised: September 27, 2017

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

Bid Opening (Letting) Date and Time: Wednesday October 25, 2017 at 2:00 p.m. Bids will NOT be accepted after 2:00 pm. **NO EXCEPTIONS.** The official time is the Bid Express Letting time indicator. The bids will be publicly opened and read in the CONFERENCE ROOM on the main floor. Apparent bid totals are available at <https://www.bidx.com/ct/main>, by accessing the “Lettings” tab.

Proposal ID Number: 0118-169

Project Scope Code: I

State Project Number(s) & Description: 118-169; Replacement of Bridge 03163 & 03164 Route 160 over I-91 in the town of Rocky Hill.

Federal-aid Project Number(s) & Funding Source: FHWA (F.A.P. No. 0160(010) and State

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

District Number(s): 1 Rocky Hill

Contract DBE % Goal or SBE % Set-Aside: 10% 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.

NOTE: 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.

When submitting the bid electronically through Bid Express (Bidx.com), bidders must scan and submit the bid bond in PDF format, properly completed and signed, prior to the date and time of the bid opening, via a single email to dotbid@ct.gov. In the subject matter of the email please enter “Bid Bond – Project Number(s) xxxx-xxxx”. The original signed bid bond will be required of the low bidder within 7 days after the bid opening.

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:

http://www.ct.gov/opm/cwp/view.asp?a=3006&Q=386312&opmNav_GID=1386

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 must 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>	<u>FROM</u>	<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



**Connecticut Department Of Transportation
Proposal**

Date Of Opening : October 25, 2017

Proposal ID : 0118-0169

Projects : 0118-0169

Districts : Rocky Hill

Towns : ROCKY HILL



Proposal ID : 0118-0169

Replacement of Bridge 03163 & 03164 Route 160 Over I-91

Time ID	Completion Date or Number of Units	Unit Type	Time Type	Liquidated Damages Rate	Contract Time Flag
00	430	Days	CD	4,100.00 Days	√

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



Proposal Schedule of Items

Proposal ID: 0118-0169

Project(s): 0118-0169

SECTION: 1

Cat Alt Set ID:

Cat Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0010	0020765 GUANO ABATEMENT ** See Special Provisions **	150.000 c.f.	_____	_____	_____	_____
0020	0020801 ASBESTOS ABATEMENT ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
0030	0020903 LEAD COMPLIANCE FOR MISCELLANEOUS EXTERIOR TASKS ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
0040	0100600 CONSTRUCTION ACCESS ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
0050	0108100 LUMP SUM INCENTIVE PAYMENT (ESTIMATED COST) ** See Special Provisions **	300,000.000 est.		1.00		300,000.00
0060	0201001 CLEARING AND GRUBBING	1.000 LUMP SUM	_____	_____	_____	_____
0070	0202000 EARTH EXCAVATION	1,200.000 c.y.	_____	_____	_____	_____
0080	0202100 ROCK EXCAVATION	800.000 c.y.	_____	_____	_____	_____
0090	0202513 REMOVAL OF CONCRETE SIDEWALK ** See Special Provisions **	3.000 s.y.	_____	_____	_____	_____
0100	0202529 CUT BITUMINOUS CONCRETE PAVEMENT	126.000 l.f.	_____	_____	_____	_____
0110	0203000 STRUCTURE EXCAVATION - EARTH (COMPLETE)	807.000 c.y.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
0120	0203100 STRUCTURE EXCAVATION ROCK (COMPLETE)	3,223.000 c.y.	_____	_____	_____	_____
0130	0205003 TRENCH EXCAVATION 0'-10' DEEP	85.000 c.y.	_____	_____	_____	_____
0140	0205004 ROCK IN TRENCH EXCAVATION 0'-10' DEEP	57.000 c.y.	_____	_____	_____	_____
0150	0207000 BORROW	3,720.000 c.y.	_____	_____	_____	_____
0160	0209001 FORMATION OF SUBGRADE	1,141.000 s.y.	_____	_____	_____	_____
0170	0210820 WATER POLLUTION CONTROL (ESTIMATED COST-PLUS)	9,000.000 est.		1.00		9,000.00
0180	0211000 ANTI-TRACKING PAD	333.000 s.y.	_____	_____	_____	_____
0190	0212000 SUBBASE	381.000 c.y.	_____	_____	_____	_____
0200	0214100 COMPACTED GRANULAR FILL	1,606.000 c.y.	_____	_____	_____	_____
0210	0216000 PERVIOUS STRUCTURE BACKFILL	4,837.000 c.y.	_____	_____	_____	_____
0220	0219001 SEDIMENTATION CONTROL SYSTEM	1,700.000 l.f.	_____	_____	_____	_____
0230	0219011 SEDIMENT CONTROL SYSTEM AT CATCH BASIN ** See Special Provisions **	16.000 ea.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
0240	0406170 HMA S1	263.000 ton				
0250	0406171 HMA S0.5	1,313.000 ton				
0260	0406173 HMA S0.25	80.000 ton				
0270	0406236 MATERIAL FOR TACK COAT	80.000 gal				
0280	0406275 FINE MILLING OF BITUMINOUS CONCRETE (0" TO 4") ** See Special Provisions **	7,700.000 s.y.				
0290	0406303 SAWING AND SEALING JOINTS ** See Special Provisions **	140.000 l.f.				
0300	0406600 MATERIAL TRANSFER VEHICLE	343.000 ton				
0310	0406999 ASPHALT ADJUSTMENT COST (ESTIMATED COST) ** See Special Provisions **	2,500.000 est.		1.00		2,500.00
0320	0503151 REMOVAL OF SUPERSTRUCTURE (SITE NO. 1) ** See Special Provisions **	1.000 LUMP SUM				
0330	0503152 REMOVAL OF SUPERSTRUCTURE (SITE NO. 2) ** See Special Provisions **	1.000 LUMP SUM				
0340	0507001 TYPE "C" CATCH BASIN	6.000 ea.				



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			Dollars	Cents	Dollars	Cents
0350	0507567 MANHOLE FRAME AND COVER	3.000 ea.	_____	_____	_____	_____
0360	0507781 RESET MANHOLE	3.000 ea.	_____	_____	_____	_____
0370	0508051 SHEAR CONNECTORS (SITE NO. 1)	2,130.000 ea.	_____	_____	_____	_____
0380	0508052 SHEAR CONNECTORS (SITE NO. 2)	2,130.000 ea.	_____	_____	_____	_____
0390	0513003 1-1/2" POLYVINYL CHLORIDE PLASTIC PIPE	34.000 l.f.	_____	_____	_____	_____
0400	0520036 ASPHALTIC PLUG EXPANSION JOINT SYSTEM ** See Special Provisions **	62.000 c.f.	_____	_____	_____	_____
0410	0521014 STEEL-LAMINATED ELASTOMERIC BEARINGS ** See Special Provisions **	20.000 ea.	_____	_____	_____	_____
0420	0601000 CLASS "A" CONCRETE	544.000 c.y.	_____	_____	_____	_____
0430	0601016 PRECAST APPROACH SLAB ** See Special Provisions **	320.000 s.y.	_____	_____	_____	_____
0440	0601107 HIGH EARLY STRENGTH CONCRETE ** See Special Provisions **	334.000 c.y.	_____	_____	_____	_____
0450	0601201 CLASS "F" CONCRETE	707.000 c.y.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
0460	0601276 PRECAST SUBSTRUCTURE ELEMENTS ** See Special Provisions **	1,377.000 c.y.	_____	_____	_____	_____
0470	0601504 1" PREFORMED EXPANSION JOINT FILLER FOR BRIDGES	772.000 s.f.	_____	_____	_____	_____
0480	0601505 1 1/2" PREFORMED EXPANSION JOINT FILLER FOR BRIDGES	266.000 s.f.	_____	_____	_____	_____
0490	0602000 DEFORMED STEEL BARS	34,600.000 lb.	_____	_____	_____	_____
0500	0602006 DEFORMED STEEL BARS - EPOXY COATED	88,500.000 lb.	_____	_____	_____	_____
0510	0603061 STRUCTURAL STEEL (SITE NO. 1) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
0520	0603062 STRUCTURAL STEEL (SITE NO. 2) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
0530	0603881 TEMPORARY SUPPORT SYSTEM (SITE NO. 1) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
0540	0603882 TEMPORARY SUPPORT SYSTEM (SITE NO. 2) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
0550	0604398 ERECTION EQUIPMENT - COMPLETE ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
0560	0651001 BEDDING MATERIAL	5.000 c.y.	_____	_____	_____	_____
0570	0651012 15" R.C. PIPE	80.000 l.f.	_____	_____	_____	_____
0580	0707009 MEMBRANE WATERPROOFING (COLD LIQUID ELASTOMERIC) ** See Special Provisions **	1,400.000 s.y.	_____	_____	_____	_____
0590	0708001 DAMPPROOFING	1,342.000 s.y.	_____	_____	_____	_____
0600	0728001 CRUSHED STONE FOR SLOPE PROTECTION	200.000 ton	_____	_____	_____	_____
0610	0811101 CONCRETE PARK CURBING	360.000 l.f.	_____	_____	_____	_____
0620	0815001 BITUMINOUS CONCRETE LIP CURBING	7.000 l.f.	_____	_____	_____	_____
0630	0815200 BITUMINOUS CONCRETE PARK CURBING	246.000 l.f.	_____	_____	_____	_____
0640	0822001 TEMPORARY PRECAST CONCRETE BARRIER CURB	1,710.000 l.f.	_____	_____	_____	_____
0650	0910170 METAL BEAM RAIL (TYPE R-B 350)	613.000 l.f.	_____	_____	_____	_____
0660	0910173 R-B 350 BRIDGE ATTACHMENT - VERTICAL SHAPED PARAPET	4.000 ea.	_____	_____	_____	_____
0670	0910890 R-B 350 BRIDGE ATTACHMENT SAFETY SHAPE PARAPET	4.000 ea.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
0680	0911923 R-B END ANCHORAGE-TYPE I	6.000 ea.				
0690	0912503 REMOVE METAL BEAM RAIL	419.000 l.f.				
0700	0912509 REMOVE THREE CABLE GUIDE RAILING	1,380.000 l.f.				
0710	0912615 RESET THREE CABLE GUIDE RAILING (I-BEAM POST)	1,380.000 l.f.				
0720	0913956 PROTECTIVE FENCE (6' HIGH) ** See Special Provisions **	922.000 l.f.				
0730	0917010 REPAIR GUIDERAIL (ESTIMATED COST) ** See Special Provisions **	1,000.000 est.		1.00		1,000.00
0740	0921001 CONCRETE SIDEWALK	4,400.000 s.f.				
0750	0921005 CONCRETE SIDEWALK RAMP	82.000 s.f.				
0760	0921039 DETECTABLE WARNING STRIP	2.000 ea.				
0770	0924002 CONCRETE DRIVEWAY RAMP	5.000 c.y.				
0780	0944000 FURNISHING AND PLACING TOPSOIL	2,048.000 s.y.				
0790	0950005 TURF ESTABLISHMENT	1,968.000 s.y.				



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			Dollars	Cents	Dollars	Cents
0800	0950013 EROSION CONTROL MATTING	1,433.000 s.y.				
0810	0950019 TURF ESTABLISHMENT - LAWN ** See Special Provisions **	80.000 s.y.				
0820	0952001 SELECTIVE CLEARING AND THINNING ** See Special Provisions **	1.000 LUMP SUM				
0830	0969066 CONSTRUCTION FIELD OFFICE, EXTRA LARGE ** See Special Provisions **	19.000 mo.				
0840	0970006 TRAFFICPERSON (MUNICIPAL POLICE OFFICER) (ESTIMATED COST)	130,000.000 est.		1.00		130,000.00
0850	0970007 TRAFFICPERSON (UNIFORMED FLAGGER)	936.000 hr				
0860	0971001 MAINTENANCE AND PROTECTION OF TRAFFIC ** See Special Provisions **	1.000 LUMP SUM				
0870	0974001 REMOVAL OF EXISTING MASONRY	722.000 c.y.				
0880	0975004 MOBILIZATION AND PROJECT CLOSEOUT	1.000 LUMP SUM				
0890	0976002 BARRICADE WARNING LIGHTS - HIGH INTENSITY	152.000 day				



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			Dollars	Cents	Dollars	Cents
0900	0978002 TRAFFIC DRUM	260.000 ea.	_____	_____	_____	_____
0910	0979003 CONSTRUCTION BARRICADE TYPE III	16.000 ea.	_____	_____	_____	_____
0920	0980001 CONSTRUCTION STAKING	1.000 LUMP SUM	_____	_____	_____	_____
0930	0981100 42" TRAFFIC CONE	281.000 ea.	_____	_____	_____	_____
0940	1001001 TRENCHING AND BACKFILLING ** See Special Provisions **	2,140.000 l.f.	_____	_____	_____	_____
0950	1002015 ROCK IN FOUNDATION EXCAVATION	7.000 v.f.	_____	_____	_____	_____
0960	1002214 TRAFFIC CONTROL FOUNDATION - CONTROLLER - TYPE IV MODIFIED ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
0970	1002232 TRAFFIC CONTROL FOUNDATION - SPAN POLE - TYPE "C" ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
0980	1003919 REMOVE AND REINSTALL LIGHT STANDARD ** See Special Provisions **	5.000 ea.	_____	_____	_____	_____
0990	1008015 2" RIGID METAL CONDUIT - SURFACE	1,450.000 l.f.	_____	_____	_____	_____



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Cat Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1000	1008115 2" RIGID METAL CONDUIT IN TRENCH	3,755.000 l.f.	_____	_____	_____	_____
1010	1008682 2 1/2" FIBERGLASS CONDUIT UNDER ROADWAY ** See Special Provisions **	160.000 l.f.	_____	_____	_____	_____
1020	1008907 CLEAN EXISTING CONDUIT ** See Special Provisions **	8.000 hr	_____	_____	_____	_____
1030	1009016 18" X 12" X 8" CAST IRON JUNCTION BOX ** See Special Provisions **	2.000 ea.	_____	_____	_____	_____
1040	1010011 CONCRETE HANDHOLE - TYPE I	1.000 ea.	_____	_____	_____	_____
1050	1010021 CONCRETE HANDHOLE - TYPE II	8.000 ea.	_____	_____	_____	_____
1060	1012032 NO. 2 SINGLE CONDUCTOR	504.000 l.f.	_____	_____	_____	_____
1070	1012245 NO. 4 SINGLE CONDUCTOR XHHW-2	15,285.000 l.f.	_____	_____	_____	_____
1080	1014901 REMOVE CABLE ** See Special Provisions **	6,170.000 l.f.	_____	_____	_____	_____
1090	1015001 NO. 8 BARE COPPER GROUNDING CONDUCTOR	168.000 l.f.	_____	_____	_____	_____
1100	1017051 SERVICE REVISION ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: 0118-0169

Project(s): 0118-0169

SECTION: 1

Cat Alt Set ID:

Cat Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1110	1050107 MOTORIST AID VARIABLE MESSAGE SIGN - TYPE B ** See Special Provisions **	1.000 ea.				
1120	1050113 MOTORIST AID VARIABLE MESSAGE SIGN SYSTEM OPERATIONS (ESTIMATED COST) ** See Special Provisions **	5,000.000 est.		1.00		5,000.00
1130	1108645 AUXILIARY TERMINATION CABINET ** See Special Provisions **	1.000 ea.				
1140	1108662 ETHERNET MEDIA CONVERTER ** See Special Provisions **	1.000 ea.				
1150	1108670 WIRELESS ROUTER ** See Special Provisions **	1.000 ea.				
1160	1112210 CAMERA ASSEMBLY ** See Special Provisions **	1.000 ea.				
1170	1112217 CAMERA LOWERING DEVICE ASSEMBLY TYPE B ** See Special Provisions **	1.000 ea.				
1180	1112241 FIBER OPTIC CABLE SPLICE ENCLOSURE ** See Special Provisions **	1.000 ea.				
1190	1112252 EQUIPMENT OPERATIONS (ESTIMATED COST) ** See Special Provisions **	6,000.000 est.		1.00		6,000.00



Proposal Schedule of Items

Proposal ID: 0118-0169

Project(s): 0118-0169

SECTION: 1

Cat Alt Set ID:

Cat Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1200	1113200 INSTALLATION AND REMOVAL OF FIRE ALARM CABLE ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1210	1113604 OPTICAL FIBERCABLE - SINGLE MODE LOOSE BUFFER TUBE CABLE, 6 FIBER ** See Special Provisions **	4,060.000 l.f.	_____	_____	_____	_____
1220	1113814 REMOVAL AND/OR RELOCATION OF EXISTING ATMS ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1230	1130000 HIGH MOUNTED INTERNALLY ILLU- MINATED FLASHING ARROW	34.000 day	_____	_____	_____	_____
1240	1131002 REMOTE CONTROL CHANGEABLE MESSAGE SIGN ** See Special Provisions **	182.000 day	_____	_____	_____	_____
1250	1201216 OVERHEAD CANTILEVER SIGN SUPPORT (TYPE VMS 1) ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
1260	1202247 OVERHEAD CANTILEVER SIGN SUPPORT FOUNDATION (TYPE VMS 1) ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
1270	1205207 TYPE DE-7 DELINEATOR	13.000 ea.	_____	_____	_____	_____
1280	1205214 TYPE DE-7A DELINEATOR	11.000 ea.	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: 0118-0169

Project(s): 0118-0169

SECTION: 1

Cat Alt Set ID:

Cat Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1290	1206023 REMOVAL AND RELOCATION OF EXISTING SIGNS ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1300	1206040 REMOVAL OF EXISTING VMS AND SUPPORTS ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
1310	1208928 SIGN FACE - SHEET ALUMINUM (TYPE III REFLECTIVE SHEETING)	1.000 s.f.	_____	_____	_____	_____
1320	1209114 HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" YELLOW	1,720.000 l.f.	_____	_____	_____	_____
1330	1209124 HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" WHITE	1,720.000 l.f.	_____	_____	_____	_____
1340	1210101 4" WHITE EPOXY RESIN PAVEMENT MARKINGS	4,224.000 l.f.	_____	_____	_____	_____
1350	1210102 4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	4,224.000 l.f.	_____	_____	_____	_____
1360	1210105 EPOXY RESIN PAVEMENT MARKINGS, SYMBOLS AND LEGENDS	168.000 s.f.	_____	_____	_____	_____
1370	1220027 CONSTRUCTION SIGNS	1,526.000 s.f.	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: 0118-0169

Project(s): 0118-0169

SECTION: 1

Cat Alt Set ID:

Cat Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1380	1300061 WATER MAIN SUPPORT SYSTEM ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1390	1301082 8" DUCTILE IRON PIPE (WATER MAIN) ** See Special Provisions **	1,385.000 l.f.	_____	_____	_____	_____
1400	1301084 12" DUCTILE IRON PIPE (WATER MAIN) ** See Special Provisions **	420.000 l.f.	_____	_____	_____	_____
1410	1301654 12" DUCTILE IRON PIPE INSTALLED ON BRIDGE(WATER MAIN) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1420	1302931 WATERMAIN INSULATION (WATER MAIN) ** See Special Provisions **	300.000 l.f.	_____	_____	_____	_____
1430	1303230 FIRE SUPPRESSION STANDPIPE SYSTEM ** See Special Provisions **	2.000 ea.	_____	_____	_____	_____
1440	1504011 TEMPORARY SUPPORT OF UTILITIES (SITE NO.1) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1450	1806201 TYPE D PORTABLE IMPACT ATTENUATION SYSTEM ** See Special Provisions **	1,000.000 hr	_____	_____	_____	_____
1460	1807010 TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 200 LB	8.000 ea.	_____	_____	_____	_____



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SECTION: 1

Cat Alt Set ID:

Cat Alt Mbr ID:

Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
1470	1807011 TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 400 LB	10.000 ea.	_____	_____	_____	_____
1480	1807012 TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 700 LB	4.000 ea.	_____	_____	_____	_____
1490	1807013 TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 1400 LB	8.000 ea.	_____	_____	_____	_____
1500	1807014 TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 2100 LB	4.000 ea.	_____	_____	_____	_____

Section: 1

Total: _____

Total Bid: _____

