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

INVITATION TO BID

Date Advertised: December 5, 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, January 9, 2019 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: 0102-0363

Project Scope Code: H

State Project Number(s) & Description: Project No. 102-363; Rehabilitation of Bridge 00061 Strawberry Hill Ave Over I-95 in the Town of Norwalk.

Federal-aid Project Number(s) & Funding Source: Federal FHWA (F.A.P. No. 1102(112)) & State

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

District Number(s): 3 New Haven

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.

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) xxxxxxxxxxxxxxx". 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:

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: January 09, 2019

Proposal ID: 0102-0363

Projects: 0102-0363

Districts: New Haven

Towns: NORWALK



11/13/2018

Page: 2

Proposal ID: 0102-0363

Rehabilitation of Bridge 00061 Strawberry Hill Ave Over I-95

Time ID	Completion Date or Number of Units	Unit Type	Time Type	Liquidated Damages Rate	Contract Time Flag
00	450	Days	CD	3,700.00 Days	

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





Proposal Schedule of Items

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Proposal ID: 0102-0363 **Project(s):** 0102-0363

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price		Bid Amoun	it
Number	Description	Quantity and Units	Dollars Ce	nts Do	ollars (Cents
0010	0020801 ASBESTOS ABATEMENT ** See Special Provisions **	1.000 LUMP SUM				
0020	0020903 LEAD COMPLIANCE FOR MISCELLANEOUS EXTERIOR TASKS	1.000 LUMP SUM				
0030	0101000 ENVIRONMENTAL HEALTH AND SAFETY ** See Special Provisions **	1.000 LUMP SUM				
0040	0201001 CLEARING AND GRUBBING ** See Special Provisions **	1.000 LUMP SUM				
0050	0201199 REMOVE AND RESET FENCE ** See Special Provisions **	75.000 I.f.				
0060	0202000 EARTH EXCAVATION ** See Special Provisions **	680.000 c.y.				
0070	0202452 TEST PIT	5.000 ea.		·		
0080	0202529 CUT BITUMINOUS CONCRETE PAVEMENT	395.000 I.f.	·			
0090	0203000 STRUCTURE EXCAVATION - EARTH (COMPLETE)	270.000 c.y.				
0100	0209001 FORMATION OF SUBGRADE	4,203.000 s.y.				
0110	0212000 SUBBASE	1,401.000 c.y.				





Proposal Schedule of Items

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Proposal ID: 0102-0363 **Project(s):** 0102-0363

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price		Bid Amount	
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0120	0216000 PERVIOUS STRUCTURE BACKFILL	500.000 c.y.		·		·
0130	0219001 SEDIMENTATION CONTROL SYSTEM	1,083.000 l.f.		·		•
0140	0219011 SEDIMENT CONTROL SYSTEM AT CATCH BASIN ** See Special Provisions **	16.000 ea.		·		·-
0150	0302000 ROLLED GRANULAR BASE	370.000 c.y.				·
0160	0401152 CONCRETE PAVEMENT REPLACEMENT FOR ROADWAY (FULL DEPTH) ** See Special Provisions **	10.000 c.y.				
0170	0406125 BITUMINOUS CONCRETE SURFACE PATCH ** See Special Provisions **	400.000 s.y.		·		
0180	0406170 HMA S1	759.000 ton				·
0190	0406171 HMA S0.5	488.000 ton				·
0200	0406172 HMA S0.375	2,349.000 ton				·
0210	0406173 HMA S0.25	40.000 ton				
0220	0406236 MATERIAL FOR TACK COAT	1,354.000 gal				





Proposal Schedule of Items

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Proposal ID: 0102-0363 **Project(s):** 0102-0363

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pric	е	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0230	0406275 FINE MILLING OF BITUMINOUS CONCRETE (0" TO 4") ** See Special Provisions **	7,840.000 s.y.				
0240	0406300 50 MIL PAVEMENT MARKING GROOVE 5" WIDE	6,400.000 l.f.				
0250	0406999 ASPHALT ADJUSTMENT COST (ESTIMATED COST) ** See Special Provisions **	7,500.000 est.		1.00		7,500.00
0260	0503008 MODIFY EXISTING BRIDGE SIDEWALK ** See Special Provisions **	1.000 ea.		.		
0270	0503151 REMOVAL OF SUPERSTRUCTURE (SITE NO. 1) ** See Special Provisions **	1.000 LUMP SUM				·
0280	0506070 GROUND ANCHOR ** See Special Provisions **	14.000 ea.		<u>.</u>		<u>-</u>
0290	0506071 PERFORMANCE TEST FOR GROUND ANCHOR ** See Special Provisions **	4.000 ea.		·		
0300	0506073 PROOF TEST FOR GROUND ANCHOR ** See Special Provisions **	10.000 ea.		·		
0310	0507791 REBUILD CATCH BASIN ** See Special Provisions **	2.000 ea.		·		·
0320	0507902 DRIVEWAY DRAIN ** See Special Provisions **	1.000 ea.				





Proposal Schedule of Items

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Proposal ID: 0102-0363 **Project(s):** 0102-0363

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pri	ice	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0330	0508050 SHEAR CONNECTORS	3,900.000 ea.		·		·
0340	0509001 WELDED STUDS	18.000 ea.		·		
0350	0520036 ASPHALTIC PLUG EXPANSION JOINT SYSTEM ** See Special Provisions **	35.000 c.f.		·		
0360	0520041 PREFORMED JOINT SEAL ** See Special Provisions **	40.000 l.f.		<u>-</u>		
0370	0521021 STEEL-LAMINATED ELASTOMERIC BEARINGS ** See Special Provisions **	8,568.000 c.i.				
0380	0586001.10 TYPE 'C' CATCH BASIN - 0' - 10' DEEP ** See Special Provisions **	9.000 ea.				
0390	0586005.10 TYPE 'C' CATCH BASIN DOUBLE GRATE TYPE 2 - 0' - 10' DEEP ** See Special Provisions **	1.000 ea.		·		·
0400	0586500.10 MANHOLE - 0' - 10' DEEP ** See Special Provisions **	2.000 ea.				·
0410	0586801 LAWN DRAIN ** See Special Provisions **	2.000 ea.				·
0420	0601000 CLASS "A" CONCRETE	200.000 c.y.				·
0430	0601070 CLASS "S" CONCRETE ** See Special Provisions **	2.000 c.y.				





Proposal Schedule of Items

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Proposal ID: 0102-0363 **Project(s):** 0102-0363

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pr	ice	Bid Amount	
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0440	0601201 CLASS "F" CONCRETE	400.000 c.y.		·		
0450	0601502 1/2" PREFORMED EXPANSION JOINT FILLER FOR BRIDGES	80.000 s.f.				
0460	0602000 DEFORMED STEEL BARS	20,000.000 lb.		·		
0470	0602006 DEFORMED STEEL BARS - EPOXY COATED	96,000.000 lb.		•		
0480	0602890 DOWEL BAR SPLICER SYSTEM	140.000 ea.				
0490	0602891 DOWEL BAR SPLICER SYSTEM - EPOXY COATED	2,300.000 ea.				
0500	0602936 DRILLING AND GROUTING REINFORCING BARS ** See Special Provisions **	860.000 I.f.				
0510	0603061 STRUCTURAL STEEL (SITE NO. 1) ** See Special Provisions **	1.000 LUMP SUM				
0520	0603352 TEMPORARY SUPPORT ASSEMBLY ** See Special Provisions **	18.000 ea.				
0530	0603537 REPAIR DAMAGED BEAM ** See Special Provisions **	1.000 LUMP SUM				
0540	0686000.15 15" R.C. PIPE - 0' - 10' DEEP	30.000 l.f.				





Proposal Schedule of Items

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Proposal ID: 0102-0363 **Project(s):** 0102-0363

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pr	ice	Bid Amount	
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0550	0686230.12 12" HIGH DENSITY POLYETHYLENE PIPE - 0' - 10' DEEP	40.000 l.f.		·		
0560	0686230.15 15" HIGH DENSITY POLYETHYLENE PIPE - 0' - 10' DEEP	660.000 I.f.				
0570	0707009 MEMBRANE WATERPROOFING (COLD LIQUID ELASTOMERIC) ** See Special Provisions **	770.000 s.y.				
0580	0708001 DAMPPROOFING	160.000 s.y.				•
0590	0716000 TEMPORARY EARTH RETAINING SYSTEM	1,318.000 s.f.		·		·
0600	0728001 CRUSHED STONE FOR SLOPE PROTECTION ** See Special Provisions **	110.000 ton				
0610	0813001 5" GRANITE STONE CURBING	1,420.000 I.f.				•
0620	0815001 BITUMINOUS CONCRETE LIP CURBING	240.000 l.f.				
0630	0819002 PENETRATING SEALER PROTECTIVE COMPOUND ** See Special Provisions **	1,400.000 s.y.				
0640	0822001 TEMPORARY PRECAST CONCRETE BARRIER CURB	1,990.000 l.f.				





Proposal Schedule of Items

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Proposal ID: 0102-0363 **Project(s):** 0102-0363

SECTION: 1

Proposal Line	Item ID	Approximate	Unit P	rice	Bid Amount	
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0650	0822002 RELOCATED TEMPORARY PRECAST CONCRETE BARRIER CURB	2,080.000 I.f.				<u> </u>
0660	0822005 TEMPORARY PRECAST CONCRETE BARRIER CURB (STRUCTURE) ** See Special Provisions **	970.000 I.f.				·
0670	0822006 RELOCATED TEMPORARY PRECAST CONCRETE BARRIER CURB(STRUCTURE)	600.000 I.f.		·		
0680	0822050 TEMPORARY PRECAST CONCRETE BARRIER CURB (STRUCTURE) 15" X 32" ** See Special Provisions **	340.000 I.f.				<u> </u>
0690	0904902 TEMPORARY PROTECTIVE FENCE (BRIDGE) ** See Special Provisions **	680.000 I.f.		·		
0700	0910173 R-B 350 BRIDGE ATTACHMENT - VERTICAL SHAPED PARAPET	5.000 ea.		·		·
0710	0910300 METAL BEAM RAIL (R-B MASH)	217.000 l.f.		·		•
0720	0910301 METAL BEAM RAIL (R-B MASH HALF POST SPACING)	50.000 l.f.		·		
0730	0910302 METAL BEAM RAIL (R-B MASH QUARTER POST SPACING)	20.000 l.f.		·		
0740	0911923 R-B END ANCHORAGE-TYPE I	1.000 ea.				·





Proposal Schedule of Items

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Proposal ID: 0102-0363 **Project(s):** 0102-0363

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price		Bid Amount	
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0750	0911924 R-B END ANCHORAGE-TYPE II	5.000 ea.				·
0760	0912518 REMOVE AND RESET METAL BEAM RAIL ** See Special Provisions **	20.000 I.f.				
0770	0913023 6' POLYVINYL CHLORIDE CHAIN LINK FENCE ** See Special Provisions **	714.000 I.f.		·		
0780	0913955 PROTECTIVE FENCE (7' HIGH) (CURVED) ** See Special Provisions **	320.000 I.f.		·		
0790	0915000 TREE PROTECTION ** See Special Provisions **	1.000 LUMP SUM		.		
0800	0916403 REMOVE AND RESET SOUND BARRIER ** See Special Provisions **	450.000 l.f.		·		
0810	0917010 REPAIR GUIDERAIL (ESTIMATED COST) ** See Special Provisions **	1,000.000 est.		1.00		1,000.00
0820	0921001 CONCRETE SIDEWALK ** See Special Provisions **	4,558.000 s.f.		·		·
0830	0921005 CONCRETE SIDEWALK RAMP	1,035.000 s.f.				·
0840	0921026 4' TEMPORARY SIDEWALK ** See Special Provisions **	500.000 s.f.				<u>.</u>





Proposal Schedule of Items

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Proposal ID: 0102-0363 **Project(s):** 0102-0363

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pr	ice	Bid Amount	
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0850	0921035 BITUMINOUS SNOW SHELF ** See Special Provisions **	1,680.000 s.f.		·		·
0860	0921039 DETECTABLE WARNING STRIP	8.000 ea.				•
0870	0922501 BITUMINOUS CONCRETE DRIVEWAY ** See Special Provisions **	370.000 s.y.				·
0880	0939001 SWEEPING FOR DUST CONTROL	1,500.000 hr		·		·
0890	0943001 WATER FOR DUST CONTROL	110.000 m.ga		·		
0900	0944000 FURNISHING AND PLACING TOPSOIL	1,980.000 s.y.		·		·
0910	0950019 TURF ESTABLISHMENT - LAWN ** See Special Provisions **	1,980.000 s.y.		·		·
0920	0950036 EROSION CONTROL MATTING TYPE E	843.000 s.y.		·		·
0930	0952001 SELECTIVE CLEARING AND THINNING ** See Special Provisions **	1.000 LUMP SUM				<u> </u>
0940	0969064 CONSTRUCTION FIELD OFFICE, LARGE ** See Special Provisions **	24.000 mo.				





Proposal Schedule of Items

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Proposal ID: 0102-0363 **Project(s):** 0102-0363

SECTION: 1

Proposal Line	Item ID	Approximate	Unit P	rice	Bid Amount	
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
0950	0970006 TRAFFICPERSON (MUNICIPAL POLICE OFFICER) (ESTIMATED COST)	105,000.000 est.		1.00		105,000.00
0960	0971001 MAINTENANCE AND PROTECTION OF TRAFFIC ** See Special Provisions **	1.000 LUMP SUM		·		
0970	0974001 REMOVAL OF EXISTING MASONRY ** See Special Provisions **	42.000 c.y.				<u> </u>
0980	0975004 MOBILIZATION AND PROJECT CLOSEOUT	1.000 LUMP SUM		·		
0990	0976002 BARRICADE WARNING LIGHTS - HIGH INTENSITY	19,200.000 day		·		
1000	0976003 BARRICADE WARNING LIGHTS - STEADY-BURN	464.000 day		·		
1010	0978002 TRAFFIC DRUM	150.000 ea.		•		·
1020	0979003 CONSTRUCTION BARRICADE TYPE III	8.000 ea.		·		
1030	0980001 CONSTRUCTION STAKING	1.000 LUMP SUM				
1040	0981100 42" TRAFFIC CONE	150.000 ea.				
1050	1001001 TRENCHING AND BACKFILLING ** See Special Provisions **	260.000 I.f.				





Proposal Schedule of Items

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Proposal ID: 0102-0363 **Project(s):** 0102-0363

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price		Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
1060	1001004 ROCK IN TRENCH EXCAVATION(0' - 4' DEEP)	5.000 c.y.		·		
1070	1002015 ROCK IN FOUNDATION EXCAVATION	2.000 v.f.				·
1080	1002202 TRAFFIC CONTROL FOUNDATION- MAST ARM ** See Special Provisions **	5.000 ea.				·
1090	1002203 TRAFFIC CONTROL FOUNDATION- PEDESTAL-TYPE I	6.000 ea.				·
1100	1002214 TRAFFIC CONTROL FOUNDATION - CONTROLLER - TYPE IV MODIFIED ** See Special Provisions **	1.000 ea.				·
1110	1008115 2" RIGID METAL CONDUIT IN TRENCH	690.000 I.f.				·
1120	1008215 2" RIGID METAL CONDUIT UNDER ROADWAY	135.000 l.f.		·		·
1130	1008217 3" RIGID METAL CONDUIT UNDER ROADWAY	805.000 I.f.				
1140	1008315 2" RIGID METAL CONDUIT IN STRUCTURE	135.000 I.f.				
1150	1008317 3" RIGID METAL CONDUIT IN STRUCTURE	270.000 l.f.		·		





Proposal Schedule of Items

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Proposal ID: 0102-0363 **Project(s):** 0102-0363

SECTION: 1

Proposal Line	Item ID	Approximate	Unit P	rice	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
1160	1008907 CLEAN EXISTING CONDUIT ** See Special Provisions **	8.000 hr		·		
1170	1008910 MULTIDUCT CONDUIT REPAIR ** See Special Provisions **	5,000.000 est.		1.00		5,000.00
1180	1009005 8" X 8" X 8" CAST IRON JUNCTION BOX	3.000 ea.				
1190	1009016 18" X 12" X 8" CAST IRON JUNCTION BOX	3.000 ea.		·		·
1200	1010001 CONCRETE HANDHOLE	6.000 ea.				·
1210	1010021 CONCRETE HANDHOLE - TYPE II	4.000 ea.		·		
1220	1010052 CAST IRON HANDHOLE COVER	6.000 ea.		·		
1230	1012245 NO. 4 SINGLE CONDUCTOR XHHW-2	720.000 l.f.		·		·
1240	1014901 REMOVE CABLE ** See Special Provisions **	2,600.000 l.f.		·		
1250	1017032 SERVICE (METERED) ** See Special Provisions **	1.000 ea.		·		
1260	1017033 SERVICE CABINET ** See Special Provisions **	1.000 ea.				<u> </u>





Proposal Schedule of Items

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Proposal ID: 0102-0363 **Project(s):** 0102-0363

SECTION: 1

Proposal Line	Item ID	Approximate Unit Price		rice	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
1270	1017034 INSTALL SERVICE ** See Special Provisions **	1.000 ea.		·		•
1280	1050107 MOTORIST AID VARIABLE MESSAGE SIGN - TYPE B ** See Special Provisions **	1.000 ea.				·
1290	1102002 8' ALUMINUM PEDESTAL ** See Special Provisions **	6.000 ea.				
1300	1104026 25' STEEL MAST ARM ASSEMBLY ** See Special Provisions **	1.000 ea.				·
1310	1104028 30' STEEL MAST ARM ASSEMBLY ** See Special Provisions **	2.000 ea.		·		·
1320	1104033 40' STEEL MAST ARM ASSEMBLY ** See Special Provisions **	1.000 ea.				
1330	1104038 50' STEEL MAST ARM ASSEMBLY ** See Special Provisions **	1.000 ea.		·		·
1340	1105103 1 WAY, 3 SECTION MAST ARM TRAFFIC SIGNAL ** See Special Provisions **	10.000 ea.		·		·
1350	1105105 1 WAY, 5 SECTION MAST ARM TRAFFIC SIGNAL ** See Special Provisions **	2.000 ea.		·		·





Proposal Schedule of Items

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Proposal ID: 0102-0363 **Project(s):** 0102-0363

SECTION: 1

Proposal Line	Item ID	Approximate Unit Price		Bid Am	ount	
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
1360	1105357 3 WAY 1-3 SECTION TRAFFIC SIGNAL AND 2-1 SECTION PEDESTRIAN SIGNAL PEDESTAL MOUNTED ** See Special Provisions **	1.000 ea.		·		
1370	1106001 1 WAY PEDESTRIAN SIGNAL POLE MOUNTED ** See Special Provisions **	2.000 ea.				·
1380	1106003 1 WAY PEDESTRIAN SIGNAL PEDESTAL MOUNTED ** See Special Provisions **	6.000 ea.				
1390	1107011 ACCESSIBLE PEDESTRIAN SIGNAL AND DETECTOR(TYPE A) ** See Special Provisions **	8.000 ea.				·
1400	1108187 SYSTEM INTEGRATION ** See Special Provisions **	1.000 LUMP SUM		·		·
1410	1108645 AUXILIARY TERMINATION CABINET ** See Special Provisions **	2.000 ea.				·
1420	1108649 ADVANCED TRANSPORTATION CONTROLLER, MODEL 2070 ** See Special Provisions **	1.000 ea.		·		
1430	1108660 ETHERNET SWITCH ** See Special Provisions **	1.000 ea.				
1440	1108666 MEDIA CONVERTER ** See Special Provisions **	1.000 ea.		·		





Proposal Schedule of Items

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Proposal ID: 0102-0363 **Project(s):** 0102-0363

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Pric	;e	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
1450	1108670 WIRELESS ROUTER ** See Special Provisions **	1.000 ea.		·		
1460	1108725 PHASE SELECTOR (MODIFIED) ** See Special Provisions **	1.000 ea.		·		
1470	1111201 TEMPORARY DETECTION (SITE NO. 1) ** See Special Provisions **	1.000 LUMP SUM				<u>.</u>
1480	1112208 CAMERA EXTENSION BRACKET - MAST ARM ASSEMBLY ** See Special Provisions **	2.000 ea.				·
1490	1112214 IP VIDEO CAMERA ASSEMBLY ** See Special Provisions **	1.000 ea.				·
1500	1112252 EQUIPMENT OPERATIONS (ESTIMATED COST) ** See Special Provisions **	3,000.000 est.		1.00		3,000.00
1510	1112286 360- DEGREE CAMERA ASSEMBLY ** See Special Provisions **	2.000 ea.				·
1520	1112287 360-DEGREE VIDEO DETECTION PROCESSOR ** See Special Provisions **	2.000 ea.				·
1530	1112410 DETECTOR (TYPE A) ** See Special Provisions **	5.000 ea.				
1540	1112470 PRE-EMPTION SYSTEM CHASSIS ** See Special Provisions **	1.000 ea.				





Proposal Schedule of Items

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Proposal ID: 0102-0363 **Project(s):** 0102-0363

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price		Approximate	Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents	
1550	1113049 2 CONDUCTOR NO. 8 CABLE	50.000 l.f.		·		·•	
1560	1113102 5 CONDUCTOR NO. 14 CABLE	3,038.000 l.f.		·		·	
1570	1113103 7 CONDUCTOR NO. 14 CABLE	2,076.000 l.f.				·•	
1580	1113104 9 CONDUCTOR NO. 14 CABLE	617.000 l.f.				·	
1590	1113550 DETECTOR CABLE (OPTICAL) ** See Special Provisions **	1,225.000 I.f.		•		·	
1600	1113604 OPTICAL FIBERCABLE - SINGLE MODE LOOSE BUFFER TUBE CABLE, 6 FIBER ** See Special Provisions **	2,600.000 I.f.					
1610	1113725 23 AWG 4 TWISTED PAIR CATEGORY 6 CABLE ** See Special Provisions **	848.000 I.f.				·	
1620	1113726 NO. 20 AWG, 6 TWISTED PAIR COMMUNICATION CABLE ** See Special Provisions **	180.000 I.f.					
1630	1118012 REMOVAL AND/OR RELOCATION OF TRAFFIC SIGNAL EQUIPMENT ** See Special Provisions **	1.000 LUMP SUM					
1640	1118051 TEMPORARY SIGNALIZATION (SITE NO. 1) ** See Special Provisions **	1.000 LUMP SUM				·	





Proposal Schedule of Items

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Proposal ID: 0102-0363 **Project(s):** 0102-0363

SECTION: 1

Proposal Line	Item ID	Approximate	Unit Price		Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
1650	1131002 REMOTE CONTROL CHANGEABLE MESSAGE SIGN	480.000 day				·
1660	1201216 OVERHEAD CANTILEVER SIGN SUPPORT (TYPE VMS 1) ** See Special Provisions **	1.000 ea.				
1670	1202247 OVERHEAD CANTILEVER SIGN SUPPORT FOUNDATION (TYPE VMS 1) ** See Special Provisions **	1.000 ea.		<u></u> .		·
1680	1205207 TYPE DE-7 DELINEATOR	93.000 ea.				·
1690	1205214 TYPE DE-7A DELINEATOR	53.000 ea.		•		·•
1700	1206023 REMOVAL AND RELOCATION OF EXISTING SIGNS ** See Special Provisions **	1.000 LUMP SUM		<u></u>		
1710	1206040 REMOVAL OF EXISTING VMS AND SUPPORTS ** See Special Provisions **	1.000 ea.				
1720	1208931 SIGN FACE - SHEET ALUMINUM (TYPE IX RETROREFLECTIVE SHEETING) ** See Special Provisions **	12.000 s.f.		<u></u> .		·
1730	1208932 SIGN FACE - SHEET ALUMINUM (TYPE IV RETROREFLECTIVE SHEETING) ** See Special Provisions **	80.000 s.f.		<u> </u>		





Proposal Schedule of Items

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Proposal ID: 0102-0363 **Project(s):** 0102-0363

SECTION: 1

Proposal Line	Item ID	Approximate Unit Price		Bid Amount
Number	Description	Quantity and Units	Dollars Cents	Dollars Cents
1740	1209114 HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" YELLOW	4,540.000 l.f.		·
1750	1209124 HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" WHITE	6,260.000 I.f.	·	· · · · · · · · · · · · · · · · · · ·
1760	1209131 HOT-APPLIED PAINTED LEGEND, ARROWS AND MARKINGS	270.000 s.f.		·
1770	1210101 4" WHITE EPOXY RESIN PAVEMENT MARKINGS	5,100.000 l.f.		·
1780	1210102 4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	4,250.000 l.f.		
1790	1210105 EPOXY RESIN PAVEMENT MARKINGS, SYMBOLS AND LEGENDS	850.000 s.f.		·
1800	1210120 6" BLACK EPOXY RESIN PAVEMENT MARKINGS	4,000.000 l.f.		·
1810	1220027 CONSTRUCTION SIGNS	1,960.000 s.f.		·
1820	1300061 WATER MAIN SUPPORT SYSTEM ** See Special Provisions **	1.000 LUMP SUM	·	
1830	1301765 FURNISHING AND INSTALLING 12" WATER MAIN ** See Special Provisions **	1.000 LUMP SUM	·	· · · · · · · · · · · · · · · · · · ·



Proposal Schedule of Items

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	Proposal ID:	0102-0363	Project(s):	0102-03	63
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SECTION: 1

Proposal Line	Item ID	Approximate			Bid Am	ount
Number	Description	Quantity and Units	Dollars	Cents	Dollars	Cents
1840	1301768 FURNISHING AND INSTALLING 12" WATER MAIN ON BRIDGE * See Special Provisions **			•		
1850	1303237 FIRE SUPPRESSION STANDPIPE SYSTEM ** See Special Provisions **	1.000 LUMP SUM				
1860	1304065 REMOVE WATER MAIN ** See Special Provisions **	1.000 LUMP SUM		•		
1870	1403501 RESET MANHOLE (SANITARY SEWER) ** See Special Provisions **	2.000 ea.		•		·
1880	1806202 TRUCK-MOUNTED OR TRAILER-MOUNTED IMPACT ATTENUATOR	560.000 hr				
1890	1807202 REPAIR OF TEMPORARY IMPACT ATTENUATION SYSTEM (ESTIMATED COST) ** See Special Provisions **	2,500.000 est.		1.00		2,500.00
1900	1807210 TEMPORARY IMPACT ATTENUATION SYSTEM ** See Special Provisions **	4.000 ea.				
1910	1807211 RELOCATION OF TEMPORARY IMPACT ATTENUATION SYSTEM ** See Special Provisions **	8.000 ea.				·
	Sect	ion: 1	Total:			·

Total	Bid:	