

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: 0172-0435

Project Scope Code: F

State Project Number(s) & Description: 172-435/436 Installations and Revisions of Traffic Control Signals District 1 & 2; Bolton, Colchester, East Haddam, East Hampton, Griswold, Groton, Middletown, Plainfield, and Putnam

Federal-aid Project Number(s) & Funding Source: FHWA (F.A.P. Nos. 000T(043) & 000T(045)) and State

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

District Number(s): 2 Norwich

Contract DBE % Goal or SBE % Set-Aside: 5% 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 : 0172-0435

Projects : 0172-0435, 0172-0436

Districts : Norwich

Towns : STATEWIDE



Proposal ID : 0172-0435

INSTALL. AND REVISIONS OF TRAFFIC CONTROL SIGNALS D1 & D2

Time ID	Completion Date or Number of Units	Unit Type	Time Type	Liquidated Damages Rate	Contract Time Flag
00	377		CD	2,100.00 Days	√

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



Proposal Schedule of Items

Proposal ID: 0172-0435

Project(s): 0172-0435, 0172-0436

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	0020903 LEAD COMPLIANCE FOR MISCELLANEOUS EXTERIOR TASKS ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
0020	0201001 CLEARING AND GRUBBING	1.000 LUMP SUM	_____	_____	_____	_____
0030	0202000 EARTH EXCAVATION	93.000 c.y.	_____	_____	_____	_____
0040	0202451 TEST PIT EXCAVATION ** See Special Provisions **	10.000 c.y.	_____	_____	_____	_____
0050	0202513 REMOVAL OF CONCRETE SIDEWALK ** See Special Provisions **	51.000 s.y.	_____	_____	_____	_____
0060	0202529 CUT BITUMINOUS CONCRETE PAVEMENT	200.000 l.f.	_____	_____	_____	_____
0070	0202530 REMOVAL OF BITUMINOUS SIDEWALK	22.000 s.y.	_____	_____	_____	_____
0080	0205001 TRENCH EXCAVATION 0'-4' DEEP	1.000 c.y.	_____	_____	_____	_____
0090	0205002 ROCK IN TRENCH EXCAVATION 0'-4' DEEP	55.000 c.y.	_____	_____	_____	_____
0100	0205003 TRENCH EXCAVATION 0'-10' DEEP	39.000 c.y.	_____	_____	_____	_____
0110	0207000 BORROW	35.000 c.y.	_____	_____	_____	_____



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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0120	0213100 GRANULAR FILL	13.000 c.y.	_____	_____	_____	_____
0130	0219001 SEDIMENTATION CONTROL SYSTEM	289.000 l.f.	_____	_____	_____	_____
0140	0305000 PROCESSED AGGREGATE	25.000 ton	_____	_____	_____	_____
0150	0404101 BITUMINOUS CONCRETE PATCHING - PARTIAL DEPTH ** See Special Provisions **	11.000 s.y.	_____	_____	_____	_____
0160	0406125 BITUMINOUS CONCRETE SURFACE PATCH ** See Special Provisions **	77.000 s.y.	_____	_____	_____	_____
0170	0507021 TYPE "C" CATCH BASIN DOUBLE GRATE - TYPE I	1.000 ea.	_____	_____	_____	_____
0180	0651001 BEDDING MATERIAL	2.000 c.y.	_____	_____	_____	_____
0190	0651011 12" R.C. PIPE	22.000 l.f.	_____	_____	_____	_____
0200	0652009 12" R.C. CULVERT END	1.000 ea.	_____	_____	_____	_____
0210	0703011 INTERMEDIATE RIPRAP	3.000 c.y.	_____	_____	_____	_____
0220	0728001 CRUSHED STONE FOR SLOPE PROTECTION	31.000 ton	_____	_____	_____	_____
0230	0755014 GEOTEXTILE (SEPARATION - HIGH SURVIVABILITY)	7.000 s.y.	_____	_____	_____	_____



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Project(s): 0172-0435, 0172-0436

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			Dollars	Cents	Dollars	Cents
0240	0813001 5" GRANITE STONE CURBING	22.000 l.f.	_____	_____	_____	_____
0250	0815001 BITUMINOUS CONCRETE LIP CURBING	30.000 l.f.	_____	_____	_____	_____
0260	0815200 BITUMINOUS CONCRETE PARK CURBING	226.000 l.f.	_____	_____	_____	_____
0270	0910041 METAL BEAM RAIL (TYPE R-B SYSTEM 5)	13.000 l.f.	_____	_____	_____	_____
0280	0910042 METAL BEAM RAIL (TYPE R-B SYSTEM 6)	25.000 l.f.	_____	_____	_____	_____
0290	0910170 METAL BEAM RAIL (TYPE R-B 350)	40.000 l.f.	_____	_____	_____	_____
0300	0911923 R-B END ANCHORAGE-TYPE I	1.000 ea.	_____	_____	_____	_____
0310	0911924 R-B END ANCHORAGE-TYPE II	1.000 ea.	_____	_____	_____	_____
0320	0912503 REMOVE METAL BEAM RAIL	147.000 l.f.	_____	_____	_____	_____
0330	0912605 RESET METAL BEAM RAIL (TYPE R-B 350)	150.000 l.f.	_____	_____	_____	_____
0340	0913000 REMOVE CHAIN LINK FENCE	252.000 l.f.	_____	_____	_____	_____
0350	0913011 5'CHAIN LINK FENCE	251.000 l.f.	_____	_____	_____	_____



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SECTION: 1

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Proposal Line Number	Item ID Description	Approximate Quantity and Units	Unit Price		Bid Amount	
			Dollars	Cents	Dollars	Cents
0360	0921001 CONCRETE SIDEWALK	2,387.000 s.f.	_____	_____	_____	_____
0370	0921005 CONCRETE SIDEWALK RAMP	4,833.000 s.f.	_____	_____	_____	_____
0380	0921036 RETRO-FIT DETECTABLE WARNING STRIP	2.000 ea.	_____	_____	_____	_____
0390	0921039 DETECTABLE WARNING STRIP	63.000 ea.	_____	_____	_____	_____
0400	0922001 BITUMINOUS CONCRETE SIDEWALK	66.000 s.y.	_____	_____	_____	_____
0410	0939001 SWEEPING FOR DUST CONTROL	3.000 hr	_____	_____	_____	_____
0420	0944000 FURNISHING AND PLACING TOPSOIL	537.000 s.y.	_____	_____	_____	_____
0430	0950005 TURF ESTABLISHMENT	477.000 s.y.	_____	_____	_____	_____
0440	0950013 EROSION CONTROL MATTING	315.000 s.y.	_____	_____	_____	_____
0450	0950019 TURF ESTABLISHMENT - LAWN	60.000 s.y.	_____	_____	_____	_____
0460	0952001 SELECTIVE CLEARING AND THINNING ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
0470	0969062 CONSTRUCTION FIELD OFFICE, MEDIUM ** See Special Provisions **	18.000 mo.	_____	_____	_____	_____



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Project(s): 0172-0435, 0172-0436

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			Dollars	Cents	Dollars	Cents
0480	0970006 TRAFFICPERSON (MUNICIPAL POLICE OFFICER) (ESTIMATED COST)	75,000.000 est.		1.00	75,000.00	
0490	0970007 TRAFFICPERSON (UNIFORMED FLAGGER)	120.000 hr				
0500	0971001 MAINTENANCE AND PROTECTION OF TRAFFIC ** See Special Provisions **	1.000 LUMP SUM				
0510	0975004 MOBILIZATION AND PROJECT CLOSEOUT	1.000 LUMP SUM				
0520	0977001 TRAFFIC CONE	180.000 ea.				
0530	0980001 CONSTRUCTION STAKING	1.000 LUMP SUM				
0540	1001001 TRENCHING AND BACKFILLING	4,340.000 l.f.				
0550	1002015 ROCK IN FOUNDATION EXCAVATION	151.000 v.f.				
0560	1002101 LIGHT STANDARD FOUNDATION - TYPE I	8.000 ea.				
0570	1002201 TRAFFIC CONTROL FOUNDATION- SPAN POLE ** See Special Provisions **	24.000 ea.				
0580	1002202 TRAFFIC CONTROL FOUNDATION- MAST ARM ** See Special Provisions **	12.000 ea.				



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			Dollars	Cents	Dollars	Cents
0590	1002203 TRAFFIC CONTROL FOUNDATION-PEDESTAL-TYPE I	37.000 ea.	_____	_____	_____	_____
0600	1002208 TRAFFIC CONTROL FOUNDATION - CONTROLLER - TYPE IV	12.000 ea.	_____	_____	_____	_____
0610	1003206 LIGHT STANDARD (15' BRACKET, 30' MOUNTING HEIGHT) ALUMINUM	8.000 ea.	_____	_____	_____	_____
0620	1008015 2" RIGID METAL CONDUIT - SURFACE	610.000 l.f.	_____	_____	_____	_____
0630	1008115 2" RIGID METAL CONDUIT IN TRENCH	3,315.000 l.f.	_____	_____	_____	_____
0640	1008117 3" RIGID METAL CONDUIT IN TRENCH	300.000 l.f.	_____	_____	_____	_____
0650	1008215 2" RIGID METAL CONDUIT UNDER ROADWAY	2,735.000 l.f.	_____	_____	_____	_____
0660	1008908 CLEAN EXISTING CONDUIT ** See Special Provisions **	1,086.000 l.f.	_____	_____	_____	_____
0670	1010001 CONCRETE HANDHOLE	35.000 ea.	_____	_____	_____	_____
0680	1010021 CONCRETE HANDHOLE - TYPE II	12.000 ea.	_____	_____	_____	_____
0690	1010052 CAST IRON HANDHOLE COVER	1.000 ea.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
0700	1010060 CLEAN EXISTING CONCRETE HANDHOLE ** See Special Provisions **	12.000 ea.	_____	_____	_____	_____
0710	1102002 8' ALUMINUM PEDESTAL	29.000 ea.	_____	_____	_____	_____
0720	1102008 4'-4" ALUMINUM PEDESTAL	4.000 ea.	_____	_____	_____	_____
0730	1102014 20' ALUMINUM PEDESTAL	4.000 ea.	_____	_____	_____	_____
0740	1103021 28' STEEL SPAN POLE ** See Special Provisions **	3.000 ea.	_____	_____	_____	_____
0750	1103022 30' STEEL SPAN POLE ** See Special Provisions **	10.000 ea.	_____	_____	_____	_____
0760	1103023 32' STEEL SPAN POLE ** See Special Provisions **	7.000 ea.	_____	_____	_____	_____
0770	1103024 34' STEEL SPAN POLE ** See Special Provisions **	2.000 ea.	_____	_____	_____	_____
0780	1103025 26' STEEL SPAN POLE ** See Special Provisions **	2.000 ea.	_____	_____	_____	_____
0790	1104023 20' STEEL MAST ARM ASSEMBLY ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
0800	1104026 25' STEEL MAST ARM ASSEMBLY ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
0810	1104028 30' STEEL MAST ARM ASSEMBLY ** See Special Provisions **	4.000 ea.	_____	_____	_____	_____
0820	1104031 35' STEEL MAST ARM ASSEMBLY ** See Special Provisions **	2.000 ea.	_____	_____	_____	_____
0830	1104033 40' STEEL MAST ARM ASSEMBLY ** See Special Provisions **	2.000 ea.	_____	_____	_____	_____
0840	1104037 45' STEEL MAST ARM ASSEMBLY ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
0850	1104090 STEEL COMBINATION MAST ARM ASSEMBLY ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
0860	1105001 1 WAY, 1 SECTION SPAN WIRE TRAFFIC SIGNAL ** See Special Provisions **	29.000 ea.	_____	_____	_____	_____
0870	1105003 1 WAY, 3 SECTION SPAN WIRE TRAFFIC SIGNAL ** See Special Provisions **	78.000 ea.	_____	_____	_____	_____
0880	1105101 1 WAY, 1 SECTION MAST ARM TRAFFIC SIGNAL ** See Special Provisions **	2.000 ea.	_____	_____	_____	_____
0890	1105103 1 WAY, 3 SECTION MAST ARM TRAFFIC SIGNAL ** See Special Provisions **	27.000 ea.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
0900	1105203 1 WAY, 3 SECTION POLE MOUNTED TRAFFIC SIGNAL ** See Special Provisions **	2.000 ea.	_____	_____	_____	_____
0910	1105303 1 WAY, 3 SECTION PEDESTAL MOUNTED TRAFFIC SIGNAL ** See Special Provisions **	10.000 ea.	_____	_____	_____	_____
0920	1105503 FLASHER CABINET ** See Special Provisions **	3.000 ea.	_____	_____	_____	_____
0930	1106001 1 WAY PEDESTRIAN SIGNAL POLE MOUNTED ** See Special Provisions **	6.000 ea.	_____	_____	_____	_____
0940	1106002 2 WAY PEDESTRIAN SIGNAL POLE MOUNTED ** See Special Provisions **	2.000 ea.	_____	_____	_____	_____
0950	1106003 1 WAY PEDESTRIAN SIGNAL PEDESTAL MOUNTED ** See Special Provisions **	14.000 ea.	_____	_____	_____	_____
0960	1106004 2 WAY PEDESTRIAN SIGNAL PEDESTAL MOUNTED ** See Special Provisions **	7.000 ea.	_____	_____	_____	_____
0970	1107007 PEDESTRIAN PUSH BUTTON AND SIGN (PIEZO) ** See Special Provisions **	14.000 ea.	_____	_____	_____	_____
0980	1107011 ACCESSIBLE PEDESTRIAN SIGNAL AND DETECTOR(TYPE A) ** See Special Provisions **	42.000 ea.	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: 0172-0435

Project(s): 0172-0435, 0172-0436

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
0990	1108115 FULL ACTUATED CONTROLLER 8 PHASE ** See Special Provisions **	6.000 ea.	_____	_____	_____	_____
1000	1108163 MODIFY EXISTING CONTROLLER ** See Special Provisions **	3.000 ea.	_____	_____	_____	_____
1010	1108207 INSTALL STATE FURNISHED TRAFFIC CONTROLLER AND CABINET ** See Special Provisions **	6.000 ea.	_____	_____	_____	_____
1020	1108724 PHASE SELECTOR ** See Special Provisions **	5.000 ea.	_____	_____	_____	_____
1030	1108808 TRAINING ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1040	1111201 TEMPORARY DETECTION (SITE NO. 1) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1050	1111202 TEMPORARY DETECTION (SITE NO. 2) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1060	1111203 TEMPORARY DETECTION (SITE NO. 3) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1070	1111204 TEMPORARY DETECTION (SITE NO. 4) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: 0172-0435

Project(s): 0172-0435, 0172-0436

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
1080	1111205 TEMPORARY DETECTION (SITE NO. 5) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1090	1111206 TEMPORARY DETECTION (SITE NO. 6) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1100	1111207 TEMPORARY DETECTION (SITE NO. 7) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1110	1111208 TEMPORARY DETECTION (SITE NO. 8) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1120	1111209 TEMPORARY DETECTION (SITE NO. 9) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1130	1111210 TEMPORARY DETECTION (SITE NO. 10) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1140	1111211 TEMPORARY DETECTION (SITE NO. 11) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1150	1111212 TEMPORARY DETECTION (SITE NO. 12) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1160	1111213 TEMPORARY DETECTION (SITE NO. 13) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: 0172-0435

Project(s): 0172-0435, 0172-0436

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
1170	1111214 TEMPORARY DETECTION (SITE NO. 14) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1180	1111215 TEMPORARY DETECTION (SITE NO. 15) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1190	1111481 WIRELESS VEHICLE DETECTION - FLEX TRANSCIEVER ** See Special Provisions **	6.000 ea.	_____	_____	_____	_____
1200	1111483 WIRELESS VEHICLE DETECTION - RECEIVER ** See Special Provisions **	6.000 ea.	_____	_____	_____	_____
1210	1111485 WIRELESS VEHICLE DETECTION - INTERSECTION SENSOR ** See Special Provisions **	44.000 ea.	_____	_____	_____	_____
1220	1111486 WIRELESS VEHICLE DETECTION - MASTER CONTACT CLOSURE CARD ** See Special Provisions **	4.000 ea.	_____	_____	_____	_____
1230	1111487 WIRELESS VEHICLE DETECTION - EXPANSION CONTACT CLOSURE CARD ** See Special Provisions **	6.000 ea.	_____	_____	_____	_____
1240	1111494 WIRELESS VEHICLE DETECTION - MASTER CONTACT CLOSURE ETHERNET ACCESS BOX ** See Special Provisions **	4.000 ea.	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: 0172-0435

Project(s): 0172-0435, 0172-0436

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
1250	1111600 EXTENSION BRACKET ** See Special Provisions **	13.000 ea.	_____	_____	_____	_____
1260	1112259 VIDEO DETECTION PROCESSOR ** See Special Provisions **	3.000 ea.	_____	_____	_____	_____
1270	1112284 VEHICLE DETECTION MONITOR ** See Special Provisions **	9.000 ea.	_____	_____	_____	_____
1280	1112285 THERMAL VIDEO DETECTOR ASSEMBLY ** See Special Provisions **	5.000 ea.	_____	_____	_____	_____
1290	1112286 360- DEGREE CAMERA ASSEMBLY ** See Special Provisions **	11.000 ea.	_____	_____	_____	_____
1300	1112287 360-DEGREE VIDEO DETECTION PROCESSOR ** See Special Provisions **	6.000 ea.	_____	_____	_____	_____
1310	1112288 IP VIDEO DETECTION CAMERA ASSEMBLY ** See Special Provisions **	15.000 ea.	_____	_____	_____	_____
1320	1112289 360-DEGREE CLOSED LOOP SYSTEM VIDEO DETECTION PROCESSOR ** See Special Provisions **	5.000 ea.	_____	_____	_____	_____
1330	1112410 DETECTOR (TYPE A) ** See Special Provisions **	7.000 ea.	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: 0172-0435

Project(s): 0172-0435, 0172-0436

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
1340	1112470 PRE-EMPTION SYSTEM CHASSIS ** See Special Provisions **	3.000 ea.	_____	_____	_____	_____
1350	1113004 2 CONDUCTOR NO. 8 AWG TYPE SE STYLE THW	1,400.000 l.f.	_____	_____	_____	_____
1360	1113101 3 CONDUCTOR NO. 14 CABLE	350.000 l.f.	_____	_____	_____	_____
1370	1113102 5 CONDUCTOR NO. 14 CABLE	11,265.000 l.f.	_____	_____	_____	_____
1380	1113103 7 CONDUCTOR NO. 14 CABLE	8,495.000 l.f.	_____	_____	_____	_____
1390	1113104 9 CONDUCTOR NO. 14 CABLE	1,260.000 l.f.	_____	_____	_____	_____
1400	1113109 21 CONDUCTOR NO. 14 CABLE	895.000 l.f.	_____	_____	_____	_____
1410	1113125 25 CONDUCTOR NO. 14 CABLE	330.000 l.f.	_____	_____	_____	_____
1420	1113398 CABLE CLOSURE (TYPE A) ** See Special Provisions **	4.000 ea.	_____	_____	_____	_____
1430	1113399 CABLE CLOSURE	15.000 ea.	_____	_____	_____	_____
1440	1113431 #16 AWG, 6 TWISTED PAIR COMMUNICATION CABLE ** See Special Provisions **	1,880.000 l.f.	_____	_____	_____	_____
1450	1113550 DETECTOR CABLE (OPTICAL) ** See Special Provisions **	3,750.000 l.f.	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: 0172-0435

Project(s): 0172-0435, 0172-0436

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
1460	1113725 23 AWG 4 TWISTED PAIR CATEGORY 6 CABLE ** See Special Provisions **	5,010.000 l.f.	_____	_____	_____	_____
1470	1113901 CAMERA CABLE ** See Special Provisions **	540.000 l.f.	_____	_____	_____	_____
1480	1114102 SPAN WIRE ** See Special Provisions **	3,020.000 l.f.	_____	_____	_____	_____
1490	1114201 AUXILIARY EQUIPMENT CABINET ** See Special Provisions **	4.000 ea.	_____	_____	_____	_____
1500	1117101 ALTERNATE FLASHING SIGNALS FOR WARNING SIGNS ** See Special Provisions **	3.000 ea.	_____	_____	_____	_____
1510	1118012 REMOVAL AND/OR RELOCATION OF TRAFFIC SIGNAL EQUIPMENT ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1520	1118053 TEMPORARY SIGNALIZATION (SITE NO. 3) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1530	1118054 TEMPORARY SIGNALIZATION (SITE NO. 4) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1540	1118055 TEMPORARY SIGNALIZATION (SITE NO. 5) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: 0172-0435

Project(s): 0172-0435, 0172-0436

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
1550	1118056 TEMPORARY SIGNALIZATION (SITE NO. 6) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1560	1118057 TEMPORARY SIGNALIZATION (SITE NO. 7) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1570	1118059 TEMPORARY SIGNALIZATION (SITE NO. 9) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1580	1118060 TEMPORARY SIGNALIZATION (SITE NO. 10) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1590	1118071 TEMPORARY SIGNALIZATION (SITE NO. 11) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1600	1118072 TEMPORARY SIGNALIZATION (SITE NO. 12) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1610	1118073 TEMPORARY SIGNALIZATION (SITE NO. 13) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1620	1118074 TEMPORARY SIGNALIZATION (SITE NO. 14) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1630	1118075 TEMPORARY SIGNALIZATION (SITE NO. 15) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: 0172-0435

Project(s): 0172-0435, 0172-0436

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
1640	1118076 TEMPORARY SIGNALIZATION (SITE NO. 16) ** See Special Provisions **	1.000 LUMP SUM				
1650	1118077 TEMPORARY SIGNALIZATION (SITE NO. 17) ** See Special Provisions **	1.000 LUMP SUM				
1660	1118303 RELOCATE PRE-EMPTION SYSTEM (SITE NO. 3) ** See Special Provisions **	1.000 LUMP SUM				
1670	1118305 RELOCATE PRE-EMPTION SYSTEM (SITE NO. 5) ** See Special Provisions **	1.000 LUMP SUM				
1680	1118306 RELOCATE PRE-EMPTION SYSTEM (SITE NO. 6) ** See Special Provisions **	1.000 LUMP SUM				
1690	1118310 RELOCATE PRE-EMPTION SYSTEM (SITE NO. 10) ** See Special Provisions **	1.000 LUMP SUM				
1700	1118311 RELOCATE PRE-EMPTION SYSTEM (SITE NO. 11) ** See Special Provisions **	1.000 LUMP SUM				
1710	1118312 RELOCATE PRE-EMPTION SYSTEM (SITE NO. 12) ** See Special Provisions **	1.000 LUMP SUM				
1720	1118313 RELOCATE PRE-EMPTION SYSTEM (SITE NO. 13) ** See Special Provisions **	1.000 LUMP SUM				



Proposal Schedule of Items

Proposal ID: 0172-0435

Project(s): 0172-0435, 0172-0436

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
1730	1118314 RELOCATE PRE-EMPTION SYSTEM (SITE NO. 14) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1740	1206013 REMOVAL OF EXISTING SIGNING	1.000 LUMP SUM	_____	_____	_____	_____
1750	1206023 REMOVAL AND RELOCATION OF EXISTING SIGNS ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1760	1208932 SIGN FACE - SHEET ALUMINUM (TYPE IV RETROREFLECTIVE SHEETING) ** See Special Provisions **	392.000 s.f.	_____	_____	_____	_____
1770	1210101 4" WHITE EPOXY RESIN PAVEMENT MARKINGS	18,605.000 l.f.	_____	_____	_____	_____
1780	1210102 4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	14,847.000 l.f.	_____	_____	_____	_____
1790	1210105 EPOXY RESIN PAVEMENT MARKINGS, SYMBOLS AND LEGENDS	4,406.000 s.f.	_____	_____	_____	_____
1800	1210106 12" WHITE EPOXY RESIN PAVEMENT MARKINGS	1,155.000 l.f.	_____	_____	_____	_____
1810	1211001 REMOVAL OF PAVEMENT MARKINGS	10,334.000 s.f.	_____	_____	_____	_____
1820	1220027 CONSTRUCTION SIGNS	680.000 s.f.	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: 0172-0435

Project(s): 0172-0435, 0172-0436

Section: 1

Total: _____.

Total Bid: _____.