

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

**INVITATION TO BID:**

**Date Advertised:** September 2, 2015

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 as of September 1, 2012.

**Bid Opening (letting) Date and Time:** Wednesday September 30, 2015 at 2:00 p.m. No bids will 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.

**Proposal ID Number:** 0076-0193

**State Project Number(s) & Description:** Project No. 76-193; Improvements on I-84 Exit 63 EB Off-Ramp and Intersection of Route 30 & Route 83 in the Town of Manchester.

**Federal-aid Project Number(s) & Funding Source:** State

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

**District Number(s):** 1 Rocky Hill

**Contract Goal:** 16% SBE

**Project Scope Code:** G

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](mailto: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 Thru 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#) 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.

**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](mailto: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.

**Contractor/Bidder Questions:** All questions must be in writing and emailed to the Contract Unit's central mailbox at [DOTContracts@ct.gov](mailto:DOTContracts@ct.gov). In the subject matter of your email, please indicate "Pre-bid Question Project Number(s) xxxx-xxxx"

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](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.

**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 or 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.

**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 General Statutes of Connecticut, 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.

**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 :** September 30, 2015

**Proposal ID :** 0076-0193

**Projects :** 0076-0193

**Districts :** Rocky Hill

**Towns :** MANCHESTER



Proposal ID : 0076-0193

IMPROVS ON I-84 EX. 63 EB OFF-RAMP AND INTERS OF RT30 & RT83

Time ID	Completion Date or Number of Units	Unit Type	Time Type	Liquidated Damages Rate	Contract Time Flag
00	369	Days	CD	2,700.00 Days	√

The following are item alternate sets. The contractor must base bid on only one alternate in each set.

Set BB Portable Impact Attenuation System Type D

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



Proposal Schedule of Items

Proposal ID: 0076-0193

Project(s): 0076-0193

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	0201001 CLEARING AND GRUBBING	1.000 LUMP SUM	_____	_____	_____	_____
0020	0202000 EARTH EXCAVATION	3,831.000 c.y.	_____	_____	_____	_____
0030	0202100 ROCK EXCAVATION	200.000 c.y.	_____	_____	_____	_____
0040	0202529 CUT BITUMINOUS CONCRETE PAVEMENT	4,002.000 l.f.	_____	_____	_____	_____
0050	0203202 STRUCTURE EXCAVATION-EARTH (EXCLUDING COFFERDAM AND DEWATERING)	4,770.000 c.y.	_____	_____	_____	_____
0060	0204151 HANDLING WATER ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
0070	0205001 TRENCH EXCAVATION 0'-4' DEEP	14.000 c.y.	_____	_____	_____	_____
0080	0205002 ROCK IN TRENCH EXCAVATION 0'-4' DEEP	13.000 c.y.	_____	_____	_____	_____
0090	0205003 TRENCH EXCAVATION 0'-10' DEEP	440.000 c.y.	_____	_____	_____	_____
0100	0205004 ROCK IN TRENCH EXCAVATION 0'-10' DEEP	35.000 c.y.	_____	_____	_____	_____
0110	0205005 TRENCH EXCAVATION 0'-15' DEEP	46.000 c.y.	_____	_____	_____	_____



Proposal Schedule of Items

Proposal ID: 0076-0193

Project(s): 0076-0193

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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
0120	0205006 ROCK IN TRENCH EXCAVATION 0'-15' DEEP	10.000 c.y.	_____	_____	_____	_____
0130	0209001 FORMATION OF SUBGRADE	6,326.000 s.y.	_____	_____	_____	_____
0140	0210100 ANTI-TRACKING PAD ** See Special Provisions **	594.000 s.y.	_____	_____	_____	_____
0150	0210820 WATER POLLUTION CONTROL (ESTIMATED COST-PLUS)	4,000.000 est.		1.00		4,000.00
0160	0212000 SUBBASE	2,108.000 c.y.	_____	_____	_____	_____
0170	0213100 GRANULAR FILL	89.000 c.y.	_____	_____	_____	_____
0180	0216012 CONTROLLED LOW STRENGTH MATERIAL ** See Special Provisions **	7.000 c.y.	_____	_____	_____	_____
0190	0219001 SEDIMENTATION CONTROL SYSTEM	3,215.000 l.f.	_____	_____	_____	_____
0200	0219050 CATCH BASIN SEDIMENT FILTER ** See Special Provisions **	10.000 ea.	_____	_____	_____	_____
0210	0406125 BITUMINOUS CONCRETE SURFACE PATCH ** See Special Provisions **	40.000 s.y.	_____	_____	_____	_____
0220	0406157 PMA S0.25	289.000 ton	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
0230	0406159 PMA S0.5	2,800.000 ton	_____	_____	_____	_____
0240	0406160 PMA S1	2,277.000 ton	_____	_____	_____	_____
0250	0406236 MATERIAL FOR TACK COAT	2,334.000 gal	_____	_____	_____	_____
0260	0406275 FINE MILLING OF BITUMINOUS CONCRETE (0" TO 4") ** See Special Provisions **	15,800.000 s.y.	_____	_____	_____	_____
0270	0406314 80 MIL PAVEMENT MARKING GROOVE 5" WIDE ** See Special Provisions **	3,500.000 l.f.	_____	_____	_____	_____
0280	0406316 80 MIL PAVEMENT MARKING GROOVE 9" WIDE ** See Special Provisions **	160.000 l.f.	_____	_____	_____	_____
0290	0406999 ASPHALT ADJUSTMENT COST (ESTIMATED COST) ** See Special Provisions **	7,500.000 est.		1.00		7,500.00
0300	0503001 REMOVAL OF SUPERSTRUCTURE	1.000 LUMP SUM	_____	_____	_____	_____
0310	0507001 TYPE "C" CATCH BASIN	9.000 ea.	_____	_____	_____	_____
0320	0507006 TYPE "C" CATCH BASIN TOP	2.000 ea.	_____	_____	_____	_____
0330	0507026 TYPE "C" CATCH BASIN (4' SUMP)	1.000 ea.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
0340	0507072 TYPE "C" CATCH BASIN DOUBLE GRATE - TYPE II OVER 10' DEEP	1.000 ea.	_____	_____	_____	_____
0350	0507253 TYPE "C" CATCH BASIN, DOUBLE GRATE TYPE I TOP	1.000 ea.	_____	_____	_____	_____
0360	0507264 SPECIAL TYPE "C-L" CATCH BASIN DOUBLE GRATE - TYPE II ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
0370	0507656 STANDARD STORM MANHOLE	1.000 ea.	_____	_____	_____	_____
0380	0507701 RESET TYPE "C" CATCH BASIN	2.000 ea.	_____	_____	_____	_____
0390	0507781 RESET MANHOLE	3.000 ea.	_____	_____	_____	_____
0400	0514021 PRESTRESSED CONCRETE BEAM	1,290.000 l.f.	_____	_____	_____	_____
0410	0520036 ASPHALTIC PLUG EXPANSION JOINT SYSTEM ** See Special Provisions **	122.000 c.f.	_____	_____	_____	_____
0420	0601201 CLASS "F" CONCRETE	571.000 c.y.	_____	_____	_____	_____
0430	0601318 PARTIAL DEPTH PATCH ** See Special Provisions **	92.000 c.f.	_____	_____	_____	_____
0440	0602030 DEFORMED STEEL BARS - GALVANIZED	23,704.000 lb.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
0450	0602040 FIBER REINFORCED POLYMER REINFORCING BARS ** See Special Provisions **	16,000.000 lb.	_____	_____	_____	_____
0460	0602910 DRILLING HOLES AND GROUTING DOWELS ** See Special Provisions **	10.000 ea.	_____	_____	_____	_____
0470	0603170 VIDEO DOCUMENTATION (SITE NO. 1) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
0480	0603801 STRUCTURAL STEEL	234.000 cwt.	_____	_____	_____	_____
0490	0651001 BEDDING MATERIAL	13.000 c.y.	_____	_____	_____	_____
0500	0651012 15" R.C. PIPE	127.000 l.f.	_____	_____	_____	_____
0510	0651013 18" R.C. PIPE	13.000 l.f.	_____	_____	_____	_____
0520	0651015 24" R.C. PIPE	30.000 l.f.	_____	_____	_____	_____
0530	0652010 15" R.C. CULVERT END	1.000 ea.	_____	_____	_____	_____
0540	0652011 18" R.C. CULVERT END	1.000 ea.	_____	_____	_____	_____
0550	0703011 INTERMEDIATE RIPRAP	5.000 c.y.	_____	_____	_____	_____
0560	0703012 MODIFIED RIPRAP	254.000 c.y.	_____	_____	_____	_____



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0570	0707009 MEMBRANE WATERPROOFING (COLD LIQUID ELASTOMERIC) ** See Special Provisions **	1,872.000 s.y.	_____	_____	_____	_____
0580	0712021 GRS ABUTMENT AND WINGWALL ** See Special Provisions **	2,043.000 c.y.	_____	_____	_____	_____
0590	0712022 ABUTMENT AND WINGWALL CMU WALL FACE ** See Special Provisions **	4,254.000 s.f.	_____	_____	_____	_____
0600	0712024 REINFORCED INTEGRATED APPROACH ** See Special Provisions **	1,040.000 c.y.	_____	_____	_____	_____
0610	0714050 TEMPORARY EARTH RETAINING SYSTEM ** See Special Provisions **	700.000 s.f.	_____	_____	_____	_____
0620	0728009 2" CRUSHED STONE ** See Special Provisions **	98.000 c.y.	_____	_____	_____	_____
0630	0755009 GEOTEXTILE	266.000 s.y.	_____	_____	_____	_____
0640	0813021 6" GRANITE STONE CURBING	899.000 l.f.	_____	_____	_____	_____
0650	0813031 6" GRANITE CURVED STONE CURBING	159.000 l.f.	_____	_____	_____	_____
0660	0813451 GRANITE STONE TRANSITION CURBING	80.000 l.f.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
0670	0814002 RESET GRANITE STONE CURBING	533.000 l.f.	_____	_____	_____	_____
0680	0814008 RESET GRANITE STONE TRANSITION CURBING	40.000 l.f.	_____	_____	_____	_____
0690	0815001 BITUMINOUS CONCRETE LIP CURBING	1,308.000 l.f.	_____	_____	_____	_____
0700	0822001 TEMPORARY PRECAST CONCRETE BARRIER CURB	977.000 l.f.	_____	_____	_____	_____
0710	0822002 RELOCATED TEMPORARY PRECAST CONCRETE BARRIER CURB	1,318.000 l.f.	_____	_____	_____	_____
0720	0822005 TEMPORARY PRECAST CONCRETE BARRIER CURB (STRUCTURE) ** See Special Provisions **	111.000 l.f.	_____	_____	_____	_____
0730	0904987 REMOVE AND RESET METAL BRIDGE RAIL ** See Special Provisions **	139.000 l.f.	_____	_____	_____	_____
0740	0910047 METAL BEAM RAIL (TYPE R-B 350 SYSTEM 5A)	53.000 l.f.	_____	_____	_____	_____
0750	0910169 METAL BEAM RAIL (TYPE R-B 350 SYSTEM 6)	26.000 l.f.	_____	_____	_____	_____
0760	0910170 METAL BEAM RAIL (TYPE R-B 350)	564.000 l.f.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
0770	0910172 METAL BEAM RAIL (TYPE R-B 350 SYSTEM 5)	66.000 l.f.	_____	_____	_____	_____
0780	0910173 R-B 350 BRIDGE ATTACHMENT - VERTICAL SHAPED PARAPET	2.000 ea.	_____	_____	_____	_____
0790	0910186 R-B 350 BRIDGE ATTACHMENT - TRAILING END	2.000 ea.	_____	_____	_____	_____
0800	0910187 R-B 350 BRIDGE ATTACHMENT TRAILING END 10GA.	2.000 ea.	_____	_____	_____	_____
0810	0910194 METAL BEAM RAIL (TYPE R-B 350 10GA)	1,082.000 l.f.	_____	_____	_____	_____
0820	0910195 METAL BEAM RAIL (TYPE R-B 350 SYSTEM 5 10GA)	26.000 l.f.	_____	_____	_____	_____
0830	0910891 R-B 350 BRIDGE ATTACHMENT SAFETY SHAPE PARAPET 10 GA.	4.000 ea.	_____	_____	_____	_____
0840	0911923 R-B END ANCHORAGE-TYPE I	3.000 ea.	_____	_____	_____	_____
0850	0911925 R-B END ANCHORAGE (TYPE I - 10GA)	4.000 ea.	_____	_____	_____	_____
0860	0912503 REMOVE METAL BEAM RAIL	2,145.000 l.f.	_____	_____	_____	_____
0870	0917010 REPAIR GUIDERAIL (ESTIMATED COST) ** See Special Provisions **	1,500.000 est.		1.00		1,500.00



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0880	0921001 CONCRETE SIDEWALK	2,370.000 s.f.	_____	_____	_____	_____
0890	0921005 CONCRETE SIDEWALK RAMP	158.000 s.f.	_____	_____	_____	_____
0900	0921019 TEXTURED CONCRETE MEDIAN ** See Special Provisions **	655.000 s.f.	_____	_____	_____	_____
0910	0921022 STONEDUST PATHWAY	1,139.000 s.f.	_____	_____	_____	_____
0920	0921039 DETECTABLE WARNING STRIP	2.000 ea.	_____	_____	_____	_____
0930	0925201 PAVEMENT FOR RAILING	233.000 s.y.	_____	_____	_____	_____
0940	0939001 SWEEPING FOR DUST CONTROL	51.000 hr	_____	_____	_____	_____
0950	0942001 CALCIUM CHLORIDE FOR DUST CONTROL	3.000 ton	_____	_____	_____	_____
0960	0943001 WATER FOR DUST CONTROL	100.000 m.ga	_____	_____	_____	_____
0970	0948429 ROOTWADS ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
0980	0949000 WOOD CHIP MULCH	846.000 s.y.	_____	_____	_____	_____
0990	0949142 QUERCUS PALUSTRIS, PIN OAK, 24" - 36" HT. NO.3 CONTAINER	160.000 ea.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
1000	0949149 QUERCUS RUBRA, NORTHERN RED OAK, 24" - 36" HT. NO. 3 CONTAINER	160.000 ea.				
1010	0949151 BETULA NIGRA, RIVER BIRCH, 8' - 10' HT. B.B.	6.000 ea.				
1020	0949177 VIBURNUM DENTATUM, ARROWWOOD VIBURNUM 18" - 24" HT. B.B.	115.000 ea.				
1030	0949244 JUNIPERUS CHINENSIS PFITZERIANA COMPACTA COMPACT PFITZER JUNIPER 18"- 24" SPREAD B.B.	10.000 ea.				
1040	0949393 CRATAEGUS VIRIDIS "WINTER KING", GREEN HAWTHORN 2" - 2 1/2" CAL. B.B.	8.000 ea.				
1050	0949566 HEMEROCALLIS "HAPPY RETURNS", HAPPY RETURNS DAYLILY, 1 GALLON CONTAINER	195.000 ea.				
1060	0949608 PICEA ABIES NORWAY SPRUCE 5'-6' HT. B.B.	17.000 ea.				
1070	0949629 PINUS STROBUS EASTERN WHITE PINE 5'-6' HT. B.B.	5.000 ea.				
1080	0949828 ACER RUBRUM RED MAPLE 3'-4' HT. WHIPS B.R.	160.000 ea.				



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			Dollars	Cents	Dollars	Cents
1090	0949832 ACER RUBRUM RED MAPLE 2"- 2 1/2" CAL. B.B.	3.000 ea.	_____	_____	_____	_____
1100	0949919 PLATANUS ACERIFOLIA LONDON PLANETREE 2"-2 1/2" CAL. B.B.	7.000 ea.	_____	_____	_____	_____
1110	0949978 QUERCUS PALUSTRIS PIN OAK 2"- 2 1/2" CAL. B.B.	5.000 ea.	_____	_____	_____	_____
1120	0949986 QUERCUS RUBRA, NORTHERN RED OAK, 2 1/2" - 3" CAL. B.B.	2.000 ea.	_____	_____	_____	_____
1130	0950005 TURF ESTABLISHMENT	4,416.000 s.y.	_____	_____	_____	_____
1140	0952051 CONTROL AND REMOVAL OF INVASIVE VEGETATION ** See Special Provisions **	50.000 s.y.	_____	_____	_____	_____
1150	0953001 SODDING	1,369.000 s.y.	_____	_____	_____	_____
1160	0969062 CONSTRUCTION FIELD OFFICE, MEDIUM ** See Special Provisions **	16.000 mo.	_____	_____	_____	_____
1170	0970006 TRAFFICPERSON (MUNICIPAL POLICE OFFICER) (ESTIMATED COST) ** See Special Provisions **	272,000.000 est.		1.00		272,000.00
1180	0970007 TRAFFICPERSON (UNIFORMED FLAGGER) ** See Special Provisions **	3,200.000 hr	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
1190	0971001 MAINTENANCE AND PROTECTION OF TRAFFIC ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1200	0974000 REMOVAL OF EXISTING MASONRY ** See Special Provisions **	9,987.000 c.f.	_____	_____	_____	_____
1210	0975004 MOBILIZATION AND PROJECT CLOSEOUT	1.000 LUMP SUM	_____	_____	_____	_____
1220	0976002 BARRICADE WARNING LIGHTS - HIGH INTENSITY	5,100.000 day	_____	_____	_____	_____
1230	0978002 TRAFFIC DRUM	300.000 ea.	_____	_____	_____	_____
1240	0979003 CONSTRUCTION BARRICADE TYPE III	45.000 ea.	_____	_____	_____	_____
1250	0980001 CONSTRUCTION STAKING	1.000 LUMP SUM	_____	_____	_____	_____
1260	0981100 42" TRAFFIC CONE	150.000 ea.	_____	_____	_____	_____
1270	1001001 TRENCHING AND BACKFILLING	2,330.000 l.f.	_____	_____	_____	_____
1280	1002015 ROCK IN FOUNDATION EXCAVATION	12.000 v.f.	_____	_____	_____	_____
1290	1002101 LIGHT STANDARD FOUNDATION - TYPE I	5.000 ea.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
1300	1002201 TRAFFIC CONTROL FOUNDATION- SPAN POLE ** See Special Provisions **	4.000 ea.	_____	_____	_____	_____
1310	1002203 TRAFFIC CONTROL FOUNDATION- PEDESTAL-TYPE I	4.000 ea.	_____	_____	_____	_____
1320	1002208 TRAFFIC CONTROL FOUNDATION - CONTROLLER - TYPE IV	1.000 ea.	_____	_____	_____	_____
1330	1003305 LIGHT STANDARD (12' BRACKET, 40' MOUNTING HEIGHT) ALUMINUM	4.000 ea.	_____	_____	_____	_____
1340	1003906 REMOVE LIGHT STANDARD ** See Special Provisions **	3.000 ea.	_____	_____	_____	_____
1350	1003912 REMOVE CONCRETE LIGHT STANDARD BASE ** See Special Provisions **	4.000 ea.	_____	_____	_____	_____
1360	1003916 REMOVE AND RELOCATE LIGHT STANDARD ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
1370	1004304 ROADWAY LUMINAIRE-HIGH PRESSURE SODIUM (250 WATT)	4.000 ea.	_____	_____	_____	_____
1380	1008015 2" RIGID METAL CONDUIT - SURFACE	50.000 l.f.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
1390	1008115 2" RIGID METAL CONDUIT IN TRENCH	720.000 l.f.	_____	_____	_____	_____
1400	1008117 3" RIGID METAL CONDUIT IN TRENCH	15.000 l.f.	_____	_____	_____	_____
1410	1008215 2" RIGID METAL CONDUIT UNDER ROADWAY	860.000 l.f.	_____	_____	_____	_____
1420	1008315 2" RIGID METAL CONDUIT IN STRUCTURE	150.000 l.f.	_____	_____	_____	_____
1430	1008907 CLEAN EXISTING CONDUIT ** See Special Provisions **	16.000 hr	_____	_____	_____	_____
1440	1009016 18" X 12" X 8" CAST IRON JUNCTION BOX	4.000 ea.	_____	_____	_____	_____
1450	1010001 CONCRETE HANDHOLE	2.000 ea.	_____	_____	_____	_____
1460	1010011 CONCRETE HANDHOLE - TYPE I	3.000 ea.	_____	_____	_____	_____
1470	1010021 CONCRETE HANDHOLE - TYPE II	5.000 ea.	_____	_____	_____	_____
1480	1010902 REMOVE CONCRETE HANDHOLE ** See Special Provisions **	2.000 ea.	_____	_____	_____	_____
1490	1011002 4" DRAIN PIPE	30.000 l.f.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
1500	1012031 NO. 2 SINGLE CONDUCTOR	750.000 l.f.	_____	_____	_____	_____
1510	1012043 NO. 3 SINGLE CONDUCTOR	2,100.000 l.f.	_____	_____	_____	_____
1520	1014131 CABLE IN DUCT (THREE NO. 2 CONDUCTORS)	1,020.000 l.f.	_____	_____	_____	_____
1530	1014901 REMOVE CABLE ** See Special Provisions **	2,330.000 l.f.	_____	_____	_____	_____
1540	1015001 NO. 8 BARE COPPER GROUNDING CONDUCTOR	1,200.000 l.f.	_____	_____	_____	_____
1550	1017032 SERVICE (METERED) ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
1560	1017033 SERVICE CABINET ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
1570	1017034 INSTALL SERVICE ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
1580	1019027 PREASSEMBLED AERIAL CABLE ** See Special Provisions **	800.000 l.f.	_____	_____	_____	_____
1590	1020030 TEMPORARY ILLUMINATION UNIT ** See Special Provisions **	3.000 ea.	_____	_____	_____	_____
1600	1102002 8' ALUMINUM PEDESTAL	2.000 ea.	_____	_____	_____	_____
1610	1102014 20' ALUMINUM PEDESTAL	2.000 ea.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
1620	1103023 32' STEEL SPAN POLE ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
1630	1103024 34' STEEL SPAN POLE ** See Special Provisions **	2.000 ea.	_____	_____	_____	_____
1640	1103027 36' STEEL SPAN POLE ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
1650	1105003 1 WAY, 3 SECTION SPAN WIRE TRAFFIC SIGNAL ** See Special Provisions **	18.000 ea.	_____	_____	_____	_____
1660	1106003 1 WAY PEDESTRIAN SIGNAL PEDESTAL MOUNTED ** See Special Provisions **	2.000 ea.	_____	_____	_____	_____
1670	1107011 ACCESSIBLE PEDESTRIAN SIGNAL AND DETECTOR(TYPE A) ** See Special Provisions **	2.000 ea.	_____	_____	_____	_____
1680	1108115 FULL ACTUATED CONTROLLER 8 PHASE ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
1690	1108724 PHASE SELECTOR ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
1700	1111201 TEMPORARY DETECTION (SITE NO. 1) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1710	1111600 EXTENSION BRACKET ** See Special Provisions **	3.000 ea.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
1720	1112210 CAMERA ASSEMBLY ** See Special Provisions **	6.000 ea.	_____	_____	_____	_____
1730	1112241 FIBER OPTIC CABLE SPLICE ENCLOSURE ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
1740	1112252 EQUIPMENT OPERATIONS (ESTIMATED COST) ** See Special Provisions **	3,000.000 est.		1.00		3,000.00
1750	1112259 VIDEO DETECTION PROCESSOR ** See Special Provisions **	3.000 ea.	_____	_____	_____	_____
1760	1112410 DETECTOR (TYPE A) ** See Special Provisions **	2.000 ea.	_____	_____	_____	_____
1770	1112470 PRE-EMPTION SYSTEM CHASSIS ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
1780	1113004 2 CONDUCTOR NO. 8 AWG TYPE SE STYLE THW	50.000 l.f.	_____	_____	_____	_____
1790	1113102 5 CONDUCTOR NO. 14 CABLE	2,400.000 l.f.	_____	_____	_____	_____
1800	1113103 7 CONDUCTOR NO. 14 CABLE	650.000 l.f.	_____	_____	_____	_____
1810	1113109 21 CONDUCTOR NO. 14 CABLE	170.000 l.f.	_____	_____	_____	_____
1820	1113399 CABLE CLOSURE	2.000 ea.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
1830	1113550 DETECTOR CABLE (OPTICAL) ** See Special Provisions **	460.000 l.f.	_____	_____	_____	_____
1840	1113604 OPTICAL FIBERCABLE - SINGLE MODE LOOSE BUFFER TUBE CABLE, 6 FIBER ** See Special Provisions **	1,600.000 l.f.	_____	_____	_____	_____
1850	1113901 CAMERA CABLE ** See Special Provisions **	1,050.000 l.f.	_____	_____	_____	_____
1860	1114102 SPAN WIRE	600.000 l.f.	_____	_____	_____	_____
1870	1114201 AUXILIARY EQUIPMENT CABINET ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
1880	1118012 REMOVAL AND/OR RELOCATION OF TRAFFIC SIGNAL EQUIPMENT ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1890	1118051 TEMPORARY SIGNALIZATION (SITE NO. 1) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1900	1130000 HIGH MOUNTED INTERNALLY ILLU- MINATED FLASHING ARROW	1,200.000 day	_____	_____	_____	_____
1910	1131002 REMOTE CONTROL CHANGEABLE MESSAGE SIGN ** See Special Provisions **	400.000 day	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
1920	1205201 TYPE DE-1 DELINEATOR	24.000 ea.	_____	_____	_____	_____
1930	1205202 TYPE DE-2 DELINEATOR	11.000 ea.	_____	_____	_____	_____
1940	1205207 TYPE DE-7 DELINEATOR	50.000 ea.	_____	_____	_____	_____
1950	1205214 TYPE DE-7A DELINEATOR	11.000 ea.	_____	_____	_____	_____
1960	1206023 REMOVAL AND RELOCATION OF EXISTING SIGNS ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
1970	1208927 SIGN FACE - SHEET ALUMINUM (TYPE IX REFLECTIVE SHEETING)	160.000 s.f.	_____	_____	_____	_____
1980	1208929 SIGN FACE - SHEET ALUMINUM (TYPE IV REFLECTIVE SHEETING)	700.000 s.f.	_____	_____	_____	_____
1990	1209114 HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" YELLOW	15,600.000 l.f.	_____	_____	_____	_____
2000	1209124 HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" WHITE	23,100.000 l.f.	_____	_____	_____	_____
2010	1209131 HOT-APPLIED PAINTED LEGEND, ARROWS AND MARKINGS	6,000.000 s.f.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
2020	1210101 4" WHITE EPOXY RESIN PAVEMENT MARKINGS ** See Special Provisions **	7,700.000 l.f.	_____	_____	_____	_____
2030	1210102 4" YELLOW EPOXY RESIN PAVEMENT MARKINGS ** See Special Provisions **	5,200.000 l.f.	_____	_____	_____	_____
2040	1210105 EPOXY RESIN PAVEMENT MARKINGS, SYMBOLS AND LEGENDS ** See Special Provisions **	2,500.000 s.f.	_____	_____	_____	_____
2050	1210107 8" YELLOW EPOXY RESIN PAVEMENT MARKINGS ** See Special Provisions **	160.000 l.f.	_____	_____	_____	_____
2060	1211001 REMOVAL OF PAVEMENT MARKINGS	50.000 s.f.	_____	_____	_____	_____
2070	1212001 TEMPORARY PLASTIC PAVEMENT MARKING TAPE - 4" YELLOW	15,600.000 l.f.	_____	_____	_____	_____
2080	1212002 TEMPORARY PLASTIC PAVEMENT MARKING TAPE - 4" WHITE	23,100.000 l.f.	_____	_____	_____	_____
2090	1220027 CONSTRUCTION SIGNS	600.000 s.f.	_____	_____	_____	_____
2100	1302053 RESET WATERGATE ** See Special Provisions **	6.000 ea.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
2110	1403501 RESET MANHOLE (SANITARY SEWER) ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
2120	1801000 REPAIR OF IMPACT ATTENUATION SYSTEM TYPE A MODULE 200 LB.	1.000 ea.	_____	_____	_____	_____
2130	1801001 REPAIR OF IMPACT ATTENUATION SYSTEM TYPE A MODULE 400 LB.	1.000 ea.	_____	_____	_____	_____
2140	1801002 REPAIR OF IMPACT ATTENUATION SYSTEM TYPE A MODULE 700 LB.	1.000 ea.	_____	_____	_____	_____
2150	1801003 REPAIR OF IMPACT ATTENUATION SYSTEM TYPE A MODULE 1400 LB.	1.000 ea.	_____	_____	_____	_____
2160	1801004 REPAIR OF IMPACT ATTENUATION SYSTEM TYPE A MODULE 2100 LB.	1.000 ea.	_____	_____	_____	_____
2170	1802001 TYPE A IMPACT ATTENUATION MODULE 200 LB.	2.000 ea.	_____	_____	_____	_____
2180	1802010 TYPE A IMPACT ATTENUATION MODULE 400 LB.	2.000 ea.	_____	_____	_____	_____
2190	1802020 TYPE A IMPACT ATTENUATION MODULE 700 LB.	4.000 ea.	_____	_____	_____	_____
2200	1802030 TYPE A IMPACT ATTENUATION MODULE 1400 LB.	8.000 ea.	_____	_____	_____	_____



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2210	1802040 TYPE A IMPACT ATTENUATION MODULE 2100 LB.	4.000 ea.	_____	_____	_____	_____
2220	1803060 TYPE B IMPACT ATTENUATION SYSTEM (NON - GATING) ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
2230	1807101 RELOCATION OF TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A	8.000 ea.	_____	_____	_____	_____
2240 BB 1	1806200 FURNISHING AND USE OF PORTABLE IMPACT ATTENUATION SYSTEM 1.TYPE D-1 -THE CONTRACTOR MUST BASE THE BID ON ONE ALTERNATE	1,440.000 hr	_____	_____	_____	_____
2250 BB 2	1806200-02 FURNISHING AND USE OF PORTABLE IMPACT ATTENUATION SYSTEM 2.TYPE D-2 -THE CONTRACTOR MUST BASE THE BID ON ONE ALTERNATE	1,440.000 hr	_____	_____	_____	_____

Section: 1

Total: \_\_\_\_\_

Total Bid: \_\_\_\_\_

