

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

INVITATION TO BID

Date Advertised: February 12, 2020

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 March 4, 2020 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: 0172-0494

Project Scope Code: G

State Project Number(s) & Description: State Project No. 172-494; Ultra-Thin Bonded PMA in various locations in District 2 Norwich.

Required Prequalification Work Classification(s): 5 – Paving and Associated Construction – Limited Access Highways/Freeways

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

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

District Number(s): 2 Norwich

Contract DBE % Goal or SBE % Set-Aside: 6% SBE

DBE Submittal Requirements -

The two (2) lowest bidder's DBE Commitment Approval Request form(s) meeting the established DBE contract goal percentage or Good Faith Effort (GFE) Application Request including all “backup” documentation, as 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 submittal requirement. If not received on time your bid may be rejected as provided by Section XI of the Construction Contract Bidding and Award Manual.**

SBE Submittal Requirements -

The low bidder's SBE Commitment Approval Request form(s) meeting the established SBE set-aside percentage or Request for Waiver application 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 SBE submittal requirement. 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 approving the request to bid and instructing the bidder to download the electronic Bid Proposal Form (aka EBSX file) from the Bid Express Website (bidx.com).

Approved bidders will be required to download the official Bid Proposal Form (aka EBSX 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 (EBSX 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 (EBSX 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 Certificates 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 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 9:00 am Monday (i.e. typical Wednesday Bid Opening) the 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 November 2019

**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 : March 04, 2020

Proposal ID : 0172-0494

Projects : 0172-0494

Districts : Norwich

Towns : VARIOUS DISTRICT 2



Proposal ID : 0172-0494

2020 Pavement Preservation Program
Ultra-Thin Bonded PMA

Time ID	Completion Date or Number of Units	Unit Type	Time Type	Liquidated Damages Rate	Contract Time Flag
00	10/30/2020		DT	2,400.00 Days	√

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



Proposal Schedule of Items

Proposal ID: 0172-0494

Project(s): 0172-0494

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	0202000 EARTH EXCAVATION	40.000 c.y.	_____	_____	_____	_____
0020	0202529 CUT BITUMINOUS CONCRETE PAVEMENT	910.000 l.f.	_____	_____	_____	_____
0030	0305000 PROCESSED AGGREGATE	90.000 ton	_____	_____	_____	_____
0040	0406125 BITUMINOUS CONCRETE SURFACE PATCH ** See Special Provisions **	17,565.000 s.y.	_____	_____	_____	_____
0050	0406159 PMA S0.5	1,390.000 ton	_____	_____	_____	_____
0060	0406192 POLYMER MODIFIED ASPHALT EMULSION (TYPE 1) ** See Special Provisions **	83,115.000 gal	_____	_____	_____	_____
0070	0406193 ULTRA-THIN BONDED PMA PAVEMENT (TYPE B) ** See Special Provisions **	415,555.000 s.y.	_____	_____	_____	_____
0080	0406196 JOINT AND CRACK FILLING OF BITUMINOUS CONCRETE PAVEMENT ** See Special Provisions **	11,030.000 s.y.	_____	_____	_____	_____
0090	0406198 JOINT AND CRACK SEALING OF BITUMINOUS CONCRETE PAVEMENT ** See Special Provisions **	473,675.000 s.y.	_____	_____	_____	_____
0100	0406236 MATERIAL FOR TACK COAT	775.000 gal	_____	_____	_____	_____



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0110	0406275 FINE MILLING OF BITUMINOUS CONCRETE (0" TO 4") ** See Special Provisions **	60,145.000 s.y.	_____	_____	_____	_____
0120	0406288 RUMBLE STRIPS-MANUAL ** See Special Provisions **	87,000.000 l.f.	_____	_____	_____	_____
0130	0406314 80 MIL PAVEMENT MARKING GROOVE 5" WIDE ** See Special Provisions **	194,000.000 l.f.	_____	_____	_____	_____
0140	0406315 80 MIL PAVEMENT MARKING GROOVE 7" WIDE ** See Special Provisions **	22,000.000 l.f.	_____	_____	_____	_____
0150	0406316 80 MIL PAVEMENT MARKING GROOVE 9" WIDE ** See Special Provisions **	21,500.000 l.f.	_____	_____	_____	_____
0160	0406600 MATERIAL TRANSFER VEHICLE ** See Special Provisions **	13,965.000 ton	_____	_____	_____	_____
0170	0406702 EMULSIFIED ASPHALT SEAL COAT, APPLIED ** See Special Provisions **	69,150.000 s.y.	_____	_____	_____	_____
0180	0406999 ASPHALT ADJUSTMENT COST (ESTIMATED COST) ** See Special Provisions **	10,000.000 est.		1.00		10,000.00
0190	0520036 ASPHALTIC PLUG EXPANSION JOINT SYSTEM ** See Special Provisions **	140.000 c.f.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
0200	0520041 PREFORMED JOINT SEAL ** See Special Provisions **	380.000 l.f.	_____	_____	_____	_____
0210	0586600 RESET CATCH BASIN	2.000 ea.	_____	_____	_____	_____
0220	0586601 RESET TYPE 'C' CATCH BASIN	57.000 ea.	_____	_____	_____	_____
0230	0586620 RESET TYPE 'C-L' CATCH BASIN	5.000 ea.	_____	_____	_____	_____
0240	0586750 TYPE 'C' CATCH BASIN TOP	57.000 ea.	_____	_____	_____	_____
0250	0586760 TYPE 'C-L' CATCH BASIN TOP	5.000 ea.	_____	_____	_____	_____
0260	0586770 TYPE 'C-M' CATCH BASIN TOP	2.000 ea.	_____	_____	_____	_____
0270	0815001 BITUMINOUS CONCRETE LIP CURBING	985.000 l.f.	_____	_____	_____	_____
0280	0971001 MAINTENANCE AND PROTECTION OF TRAFFIC ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
0290	0975004 MOBILIZATION AND PROJECT CLOSEOUT	1.000 LUMP SUM	_____	_____	_____	_____
0300	0976002 BARRICADE WARNING LIGHTS - HIGH INTENSITY	1,032.000 day	_____	_____	_____	_____
0310	0978002 TRAFFIC DRUM	150.000 ea.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
0320	0980001 CONSTRUCTION STAKING	1.000 LUMP SUM	_____	_____	_____	_____
0330	0981100 42" TRAFFIC CONE	150.000 ea.	_____	_____	_____	_____
0340	1001001 TRENCHING AND BACKFILLING ** See Special Provisions **	65.000 l.f.	_____	_____	_____	_____
0350	1002101 LIGHT STANDARD FOUNDATION - TYPE I	1.000 ea.	_____	_____	_____	_____
0360	1002291 MODIFICATION OF TRAFFIC CONTROL FOUNDATION ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
0370	1003206 LIGHT STANDARD (15' BRACKET, 30' MOUNTING HEIGHT) ALUMINUM	1.000 ea.	_____	_____	_____	_____
0380	1008115 2" RIGID METAL CONDUIT IN TRENCH	65.000 l.f.	_____	_____	_____	_____
0390	1008908 CLEAN EXISTING CONDUIT ** See Special Provisions **	80.000 l.f.	_____	_____	_____	_____
0400	1108163 MODIFY EXISTING CONTROLLER ** See Special Provisions **	4.000 ea.	_____	_____	_____	_____
0410	1111201 TEMPORARY DETECTION (SITE NO. 1) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
0420	1111202 TEMPORARY DETECTION (SITE NO. 2) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
0430	1111203 TEMPORARY DETECTION (SITE NO. 3) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
0440	1111204 TEMPORARY DETECTION (SITE NO. 4) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
0450	1112284 VEHICLE DETECTION MONITOR ** See Special Provisions **	4.000 ea.	_____	_____	_____	_____
0460	1112285 THERMAL VIDEO DETECTOR ASSEMBLY ** See Special Provisions **	3.000 ea.	_____	_____	_____	_____
0470	1112286 360- DEGREE CAMERA ASSEMBLY ** See Special Provisions **	4.000 ea.	_____	_____	_____	_____
0480	1112287 360-DEGREE VIDEO DETECTION PROCESSOR ** See Special Provisions **	4.000 ea.	_____	_____	_____	_____
0490	1113725 23 AWG 4 TWISTED PAIR CATEGORY 6 CABLE ** See Special Provisions **	670.000 l.f.	_____	_____	_____	_____
0500	1113901 CAMERA CABLE ** See Special Provisions **	300.000 l.f.	_____	_____	_____	_____



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0510	1118012 REMOVAL AND/OR RELOCATION OF TRAFFIC SIGNAL EQUIPMENT ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
0520	1118052 TEMPORARY SIGNALIZATION (SITE NO. 2) ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
0530	1130010 ARROW BOARD ** See Special Provisions **	172.000 day	_____	_____	_____	_____
0540	1131002 REMOTE CONTROL CHANGEABLE MESSAGE SIGN	186.000 day	_____	_____	_____	_____
0550	1209114 HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" YELLOW	192,000.000 l.f.	_____	_____	_____	_____
0560	1209124 HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" WHITE	196,000.000 l.f.	_____	_____	_____	_____
0570	1209126 HOT-APPLIED PAINTED PAVEMENT MARKINGS 6" WHITE	44,000.000 l.f.	_____	_____	_____	_____
0580	1209128 HOT-APPLIED PAINTED PAVEMENT MARKINGS 8" WHITE	42,500.000 l.f.	_____	_____	_____	_____
0590	1209131 HOT-APPLIED PAINTED LEGEND, ARROWS AND MARKINGS	9,000.000 s.f.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
0600	1210105 EPOXY RESIN PAVEMENT MARKINGS, SYMBOLS AND LEGENDS	4,500.000 s.f.	_____	_____	_____	_____
0610	1210110 4" WHITE TYPE I EPOXY RESIN PAVEMENT MARKINGS ** See Special Provisions **	98,000.000 l.f.	_____	_____	_____	_____
0620	1210111 4" YELLOW TYPE I EPOXY RESIN PAVEMENT MARKINGS ** See Special Provisions **	96,000.000 l.f.	_____	_____	_____	_____
0630	1210113 6" WHITE TYPE I EPOXY RESIN PAVEMENT MARKINGS ** See Special Provisions **	22,000.000 l.f.	_____	_____	_____	_____
0640	1210115 8" WHITE TYPE I EPOXY RESIN PAVEMENT MARKINGS	21,500.000 l.f.	_____	_____	_____	_____
0650	1210116 8" YELLOW TYPE 1 EPOXY RESIN PAVEMENT MARKINGS ** See Special Provisions **	200.000 l.f.	_____	_____	_____	_____
0660	1211001 REMOVAL OF PAVEMENT MARKINGS	94,000.000 s.f.	_____	_____	_____	_____
0670	1220027 CONSTRUCTION SIGNS	750.000 s.f.	_____	_____	_____	_____
0680	1806202 TRUCK-MOUNTED OR TRAILER-MOUNTED IMPACT ATTENUATOR	2,236.000 hr	_____	_____	_____	_____
0690	1806226 PRE-WARNING VEHICLE ** See Special Provisions **	344.000 hr	_____	_____	_____	_____



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Section: 1

Total: _____.

Total Bid: _____.

