

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

**INVITATION TO BID:**

**Date Advertised:** June 29, 2016

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 July 27, 2016 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:** 0169-0128

**State Project Number(s) & Description:** Project No. 169-128; Replacement of Bridge No. 02738, Route 169 over Gravelly Brook in the town of Woodstock.

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

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

**District Number(s):** 2 Norwich

**Contract Goal:** 15% SBE

**Project Scope Code:** D

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 :** July 27, 2016

**Proposal ID :** 0169-0128

**Projects :** 0169-0128

**Districts :** Norwich

**Towns :** WOODSTOCK



**Proposal ID :** 0169-0128

Replacement of Bridge No.02738

Time ID	Completion Date or Number of Units	Unit Type	Time Type	Liquidated Damages Rate	Contract Time Flag
00	231	Days	CD	1,700.00 Days	√

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



Proposal Schedule of Items

Proposal ID: 0169-0128

Project(s): 0169-0128

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	0108100 LUMP SUM INCENTIVE PAYMENT (ESTIMATED COST) ** See Special Provisions **	50,000.000 est.		1.00	50,000.00	
0020	0201001 CLEARING AND GRUBBING	1.000 LUMP SUM				
0030	0201013 REMOVAL OF EXISTING FENCE ** See Special Provisions **	183.000 l.f.				
0040	0202000 EARTH EXCAVATION	126.000 c.y.				
0050	0202216 EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL ** See Special Provisions **	50.000 c.y.				
0060	0202529 CUT BITUMINOUS CONCRETE PAVEMENT	46.000 l.f.				
0070	0202654 ADJUST MONITORING WELL ** See Special Provisions **	2.000 ea.				
0080	0203202 STRUCTURE EXCAVATION-EARTH (EXCLUDING COFFERDAM AND DEWATERING)	1,626.000 c.y.				
0090	0204001 COFFERDAM AND DEWATERING ** See Special Provisions **	241.000 l.f.				
0100	0204151 HANDLING WATER ** See Special Provisions **	1.000 LUMP SUM				



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			Dollars	Cents	Dollars	Cents
0110	0205007 TRENCH EXCAVATION 0'- 20' DEEP	236.000 c.y.	_____	_____	_____	_____
0120	0213100 GRANULAR FILL	117.000 c.y.	_____	_____	_____	_____
0130	0216000 PERVIOUS STRUCTURE BACKFILL	815.000 c.y.	_____	_____	_____	_____
0140	0219001 SEDIMENTATION CONTROL SYSTEM	534.000 l.f.	_____	_____	_____	_____
0150	0304002 PROCESSED AGGREGATE BASE	75.000 c.y.	_____	_____	_____	_____
0160	0406170 HMA S1	40.000 ton	_____	_____	_____	_____
0170	0406171 HMA S0.5	92.000 ton	_____	_____	_____	_____
0180	0406267 MILLING OF HMA (0" TO 4")	530.000 s.y.	_____	_____	_____	_____
0190	0503001 REMOVAL OF SUPERSTRUCTURE ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
0200	0601109 PRECAST CONCRETE WALLS ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
0210	0601175 10' X 9' PRECAST CONCRETE BOX CULVERT ** See Special Provisions **	39.000 l.f.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
0220	0602030 DEFORMED STEEL BARS - GALVANIZED	23.000 lb.	_____	_____	_____	_____
0230	0602910 DRILLING HOLES AND GROUTING DOWELS ** See Special Provisions **	10.000 ea.	_____	_____	_____	_____
0240	0703010 STANDARD RIPRAP	167.000 c.y.	_____	_____	_____	_____
0250	0707001 MEMBRANE WATERPROOFING (WOVEN GLASS FABRIC)	57.000 s.y.	_____	_____	_____	_____
0260	0708001 DAMPPROOFING	121.000 s.y.	_____	_____	_____	_____
0270	0751120 UNDERDRAIN WITH 6" PERFORATED CORRUGATED POLYETHYLENE PIPE	125.000 l.f.	_____	_____	_____	_____
0280	0751898 CONCRETE ENDWALL ** See Special Provisions **	1.000 ea.	_____	_____	_____	_____
0290	0822001 TEMPORARY PRECAST CONCRETE BARRIER CURB	150.000 l.f.	_____	_____	_____	_____
0300	0906204 THREE RAIL WOOD FENCE ** See Special Provisions **	50.000 l.f.	_____	_____	_____	_____
0310	0910170 METAL BEAM RAIL (TYPE R-B 350)	263.000 l.f.	_____	_____	_____	_____
0320	0911912 ANCHOR IN EARTH CUT SLOPE	1.000 ea.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
0330	0911923 R-B END ANCHORAGE-TYPE I	2.000 ea.	_____	_____	_____	_____
0340	0912531 REMOVE METAL BEAM RAIL (TYPE R-B 350)	545.000 l.f.	_____	_____	_____	_____
0350	0913952 PROTECTIVE FENCE (5' HIGH) ** See Special Provisions **	92.000 l.f.	_____	_____	_____	_____
0360	0925201 PAVEMENT FOR RAILING	60.000 s.y.	_____	_____	_____	_____
0370	0944000 FURNISHING AND PLACING TOPSOIL	22.000 s.y.	_____	_____	_____	_____
0380	0949000 WOOD CHIP MULCH	350.000 s.y.	_____	_____	_____	_____
0390	0949004 ALNUS RUGOSA, SPECKLED ALDER 4' - 5' HT. B.B.	16.000 ea.	_____	_____	_____	_____
0400	0949023 CORNUS SERICEA RED OSIER DOGWOOD 24" - 36" HT. B.B.	30.000 ea.	_____	_____	_____	_____
0410	0949113 CORNUS RACEMOSA GRAY DOGWOOD 2'-3' HT. B.B.	10.000 ea.	_____	_____	_____	_____
0420	0949142 QUERCUS PALUSTRIS, PIN OAK, 24" - 36" HT. NO.3 CONTAINER	10.000 ea.	_____	_____	_____	_____
0430	0949410 RHUS AROMATICA FRAGRANT SUMAC 18"-24" HT. B.B.	50.000 ea.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
0440	0949672 THUJA OCCIDENTALIS NIGRA, DARK AMERICAN ARBORVITAE 6'-8' HT. B.B.	14.000 ea.	_____	_____	_____	_____
0450	0949709 AMELANCHIER CANADENSIS SHADBLOW SERVICEBERRY 4'- 5' HT. B.B.	8.000 ea.	_____	_____	_____	_____
0460	0949828 ACER RUBRUM RED MAPLE 3'- 4' HT. WHIPS B.R.	10.000 ea.	_____	_____	_____	_____
0470	0949831 ACER RUBRUM RED MAPLE 1 3/4" - 2" CAL. B.B.	3.000 ea.	_____	_____	_____	_____
0480	0949909 BETULA POPULIFOLIA GRAY BIRCH 8'-10' HT. CLUMPS B.B.	1.000 ea.	_____	_____	_____	_____
0490	0949977 QUERCUS PALUSTRIS PIN OAK 1 3/4" - 2" CAL. B.B.	3.000 ea.	_____	_____	_____	_____
0500	0950019 TURF ESTABLISHMENT - LAWN ** See Special Provisions **	1,640.000 s.y.	_____	_____	_____	_____
0510	0952051 CONTROL AND REMOVAL OF INVASIVE VEGETATION ** See Special Provisions **	1,265.000 s.y.	_____	_____	_____	_____
0520	0969062 CONSTRUCTION FIELD OFFICE, MEDIUM ** See Special Provisions **	10.000 mo.	_____	_____	_____	_____
0530	0970007 TRAFFICPERSON (UNIFORMED FLAGGER) ** See Special Provisions **	160.000 hr	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
0540	0971001 MAINTENANCE AND PROTECTION OF TRAFFIC ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
0550	0974001 REMOVAL OF EXISTING MASONRY ** See Special Provisions **	93.000 c.y.	_____	_____	_____	_____
0560	0975004 MOBILIZATION AND PROJECT CLOSEOUT	1.000 LUMP SUM	_____	_____	_____	_____
0570	0976002 BARRICADE WARNING LIGHTS - HIGH INTENSITY	500.000 day	_____	_____	_____	_____
0580	0978002 TRAFFIC DRUM	20.000 ea.	_____	_____	_____	_____
0590	0979003 CONSTRUCTION BARRICADE TYPE III	6.000 ea.	_____	_____	_____	_____
0600	0980001 CONSTRUCTION STAKING	1.000 LUMP SUM	_____	_____	_____	_____
0610	0981100 42" TRAFFIC CONE	20.000 ea.	_____	_____	_____	_____
0620	1020040 TEMPORARY ILLUMINATION ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
0630	1206023 REMOVAL AND RELOCATION OF EXISTING SIGNS ** See Special Provisions **	1.000 LUMP SUM	_____	_____	_____	_____
0640	1208932 SIGN FACE - SHEET ALUMINUM (TYPE IV RETROREFLECTIVE SHEETING)	9.000 s.f.	_____	_____	_____	_____



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			Dollars	Cents	Dollars	Cents
0650	1210101 4" WHITE EPOXY RESIN PAVEMENT MARKINGS ** See Special Provisions **	200.000 l.f.	_____	_____	_____	_____
0660	1210102 4" YELLOW EPOXY RESIN PAVEMENT MARKINGS ** See Special Provisions **	200.000 l.f.	_____	_____	_____	_____
0670	1220027 CONSTRUCTION SIGNS	800.000 s.f.	_____	_____	_____	_____
0680	1803070 TYPE B IMPACT ATTENUATION SYSTEM (FLARED)	1.000 ea.	_____	_____	_____	_____
0690	1807011 TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 400 LB	2.000 ea.	_____	_____	_____	_____
0700	1807012 TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 700 LB	6.000 ea.	_____	_____	_____	_____
0710	1807013 TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 1400 LB	8.000 ea.	_____	_____	_____	_____
0720	1807014 TEMPORARY IMPACT ATTENUATION SYSTEM TYPE A MODULE 2100 LB	4.000 ea.	_____	_____	_____	_____
0730	1807202 REPAIR OF TEMPORARY IMPACT ATTENUATION SYSTEM (ESTIMATED COST)	1,500.000 est.		1.00		1,500.00

Section: 1

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

**Total Bid:** \_\_\_\_\_.

