

ADDENDUM NO.2

TOWN OF WATERFORD, CONNECTICUT

**CONTRACT PW-46
DOUGLAS LANE RECONSTRUCTION AND CULVERT REPLACEMENT**

MARCH 15, 2010

The attention of bidders submitting proposals for the above-referenced project is called to the following Addendum to the plans (drawings) and specifications. The items set forth herein, whether of omission, addition, substitution or other change, are all to be included in and form a part of the proposed Contract Documents for the work. However, the Clarifications and the Questions and Answers are issued for the purpose of interpretation only and do not become part of the Contract Documents.

Inclusion of this Addendum must be acknowledged by inserting its number on Page 00300-6 of the bid form. Failure to acknowledge any and all addenda in the above specified bid forms may be cause for rejection of the bids by the Owner on the grounds that it is not responsive.

This Addendum consists of 3 pages and 8 pages of attachments.

Make the following modifications to the Contract Documents:

SPECIFICATIONS

ITEM 2-1: SECTION 00300 – BID:

Make the following revisions:

0652014 0652013		30 24 -in Reinforced Concrete Culvert End Dollars (\$) _____) per EA	4	
0969060	A	Construction Field Office, Small Dollars (\$) _____) per MO	3 4	

Use the revised, attached Bid form for completing and submitting bids.

ITEM 2-2: ITEM# 0601085A – TRIPLE 7-FT X 4-FT PRECAST CONCRETE BOX CULVERT

“Materials” subsection is amended to include the following paragraph:

Membrane Waterproofing: Shall be in accordance with the applicable sections of Article 7.07 of the Standard Specifications.

“Basis of Payment” subsection is amended to include the following paragraph:

The lump sum price shall also include stockpiling of natural substrate material; furnishing approved supplemental fill material; and placement of materials within the middle culvert to construct a natural bottom.

ITEM 2-3: ITEM# 0601001A – CLASS “A” CONCRETE

Subsection 6.01.03 – Construction Methods is amended to include the following paragraph:

Form Liner and Color: Form Liner shall be Customrock, Pattern #12003 New England Drystack or approved equal. Owner will select color.

Subsection 6.01.05 – Basis of Payment is amended to include the following paragraphs:

7. Chain-Link Fencing: There shall be no separate payment for chain link fences mounted atop concrete retaining walls; the cost for chain-link fence shall be included in the contract unit price.

8. Bagged Stone: There shall be no separate payment for bagged stone for weep holes; the cost for bagged stone shall be included in the contract unit price.

9. Form Liner and Coloring: There shall be no separate payment for form liner and coloring for the exposed face of the concrete wall; the cost for special forms, dye, samples and mock-up shall be included in the contract unit price.

10. Temporary Sheeting: There shall be no separate payment for temporary sheeting required for the concrete retaining wall; the cost for temporary sheeting shall be included in the contract unit price.

QUESTIONS AND ANSWERS

Q2-1: *The contract time is 120 days yet the field office item is for only 3 months. Should this be 4 months?*

A2-1: **See Item 2-1, above.**

Q2-2: *The contract specs for paving is all for superpave yet the bid items are for standard Bit. Conc class 1 and class 2. Is superpave required for this project?*

A2-2: **Superpave is not required on this contract. Per Section 4.06, HMA includes both Superpave and the Marshall Mixes (Class 1 and 2).**

Q2-3: *Bid items call for four 30” RCCEs yet the plans only show 24” RCCEs please advise.*

A2-3: **See Item 2-1, above.**

Q2-4: *The contract plans call for a significant signing detour plan yet there is no item for construction signs. Will an item for construction signs be added?*

A2-4: **Construction signs are included in Item# 0971001A “Maintenance and Protection of Traffic” per section 9.71.05.**

Q2-5: *The plans call for a stone wall to be removed and reset. How is this going to be paid for?*

A2-5: **Per Section 1.09, “No separate payment shall be included for the removal and or resetting of stone walls, rather the cost shall be included in the various items of work.”**

Q2-6: *On the detail for the box culvert there is a note mentioning a woven glass membrane to be installed on top of the box. Is there a specific spec that the woven glass membrane needs to meet?*

A2-6: **See Item 2-2, above.**

Q2-7: *How is the temporary sheeting paid?*

A2-7: **Temporary sheeting for the culvert is paid for under Item# 0601085A. Temporary sheeting for the retaining wall is paid for under Item# 0601001A (See Item 2-3, above).**

Q2-8: *Assuming the class a concrete item is for the retaining wall how is the chain link fence and bagged stone paid for?*

A2-8: **The retaining wall is paid under Item# 0601001A. See Item 2-3, above.**

Q2-9: *The detail for the retaining wall mentions a form liner and color. Is a form liner and color required for the retaining wall?*

A2-9: **A form-liner and color is required. See Item 2-3, above.**

Q2-10: *There are no details shown for the endwalls/headwalls, and wingwalls for the ends of the box culvert. Is it the intent of the owner to let the box culvert manufacturer design these walls?*

A2-10: **The size and location of the precast concrete wingwalls and endwalls are shown on the plans and sections on the drawings. The Contractor shall submit working drawings and design computations for these walls in accordance with Item# 0601085.**

END OF ADDENDUM NO. 2

SECTION 00300

BID

To the Town of Waterford, Connecticut, Department of Public Works herein called the Owner, acting by and through its First Selectman, for:

**Contract PW-46
Douglas Lane Reconstruction and Culvert Replacement**

The Undersigned, as bidder, herein referred to as singular and masculine, declares as follows:

- (1) The only parties interested in this BID as Principals are named herein;
- (2) this BID is made without collusion with any other person, firm, or corporation;
- (3) no officer, agent, or employee of the Owner is directly or indirectly interested in this BID;
- (4) he has carefully examined the site of the proposed Work and fully informed and satisfied himself as to the conditions there existing, the character and requirements of the proposed Work, the difficulties attendant upon its execution and the accuracy of all estimated quantities stated in this BID, and he has carefully read and examined the Drawings, the annexed proposed AGREEMENT and the Specifications and other Contract Documents therein referred to and knows and understands the terms and provisions thereof;
- (5) he understands that information relative to subsurface and other conditions, natural phenomena, existing pipes and other structures (surface and/or subsurface) has been furnished only for his information and convenience without any warranty or guarantee, expressed or implied, that the subsurface and/or other conditions, natural phenomena, existing pipes and other structures (surface and/or subsurface) actually encountered will be the same as those shown on the Drawings or in any of the other Contract Documents and he agrees that he shall not use or be entitled to use any such information made available to him through the Contract Documents or otherwise or obtained by him in his own examination of the site, as a basis of or ground for any claim against the Owner or the Engineer arising from or by reason of any variance which may exist between the aforesaid information made available to or acquired by him and the subsurface and/or other conditions, natural phenomena, existing pipes and other structures (surface and/or subsurface) actually encountered during the construction work, and he has made due allowance therefore in this BID;
- (6) and he understands that the quantities of work tabulated in this BID or indicated on the Drawings or in the Specifications or other Contract Documents are only approximate and are subject to increase or decrease as deemed necessary by the Engineer;

BID

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and he agrees that, if this BID is accepted he will contract with the Owner, as provided in the copy of the Contract Documents deposited in the office of the Engineer, this BID form being part of said Contract Documents, and that he will perform all the work and furnish all the materials and equipment, and provide all labor, services, plant, machinery, apparatus, appliances, tools, supplies and all other things required by the Contract Documents in the manner and within the time therein prescribed and according to the requirements of the Engineer as therein set forth, and that he will take in full payment therefore the lump sum or unit price applicable to each item of the Work as stated in the schedule below.

(Note: Bidders must bid on each item. All entries in the entire BID must be made clearly and in ink. In case of discrepancy between prices in writing and in figures; the writing shall govern. In case of discrepancy between the product obtained by multiplying the estimated quantity by the unit price, and the extended amount, the product obtained shall govern. In case of discrepancy between total of extended amounts and total amount of bid stated, total of items shall govern. Use the pages in this document when submitting proposal and submit contract documents intact).

Refer to Special Provisions section for Item Descriptions.

Item No.	Description	Estimated Quantity	Extended Total
0201001	Clearing and Grubbing _____ Dollars (\$) _____) per LS	1	
0202001	Earth Excavation _____ Dollars (\$) _____) per CY	2900	
0202101	Rock Excavation _____ Dollars (\$) _____) per CY	30	
0205004	Rock Excavation in Trench (0-10ft deep) _____ Dollars (\$) _____) per CY	15	
0207001	Borrow _____ Dollars (\$) _____) per CY	200	
0209001	Formation of Subgrade _____ Dollars (\$) _____) per SY	5650	
0212002	Subbase Course _____ Dollars (\$) _____) per CY	1900	

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Item No.	Description	Estimated Quantity	Extended Total
0213001	Granular Fill Dollars (\$) per CY	80	
0219001	A Erosion and Sedimentation Control Dollars (\$) per LS	1	
0304002	Processed Aggregate Base Dollars (\$) per CY	950	
0406011	Bituminous Concrete - Class 1 Dollars (\$) per TN	550	
0406018	Bituminous Concrete - Class 2 Dollars (\$) per TN	550	
0507001	A Type "C" Catch Basin Dollars (\$) per EA	12	
0507022	A Type "C" Catch Basin Double Grate Type II Dollars (\$) per EA	4	
0507601	A Drain Manhole Dollars (\$) per EA	3	
0601085	A Triple 7-ft x 4-ft Precast Concrete Box Culvert Dollars (\$) per LS	1	
0601001	A Class "A" Concrete Dollars (\$) per CY	135	
0651055	A 24-in Reinforced Concrete Pipe (RCP) Class V Dollars (\$) per LF	90	
0651657	A 15-in Smooth Bore Corrugated PE Pipe (SBCPP) Dollars (\$) per LF	1650	
0651658	A 18-in Smooth Bore Corrugated PE Pipe (SBCPP) Dollars (\$) per LF	160	
0652010	15-in HDPE Culvert End Dollars (\$) per EA	1	

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Item No.	Description	Estimated Quantity	Extended Total
0652011	18-in HDPE Culvert End Dollars (\$) per EA	1	
0652013	24-in Reinforced Concrete Culvert End Dollars (\$) per EA	4	
0703011	Modified Riprap Dollars (\$) per CY	25	
0703012	Intermediate Riprap Dollars (\$) per CY	30	
0751900	A 4-in. Edgedrain Dollars (\$) per LF	800	
0811101	Concrete Park Curbing Dollars (\$) per LF	3900	
0910170	Metal Beam Rail (Type RB 350) Dollars (\$) per LF	200	
0911924	RB End Anchorage Type II Dollars (\$) per EA	4	
0922501	Bituminous Concrete Driveway Dollars (\$) per SY	260	
0944001	Furnishing and Placing Topsoil Dollars (\$) per SY	3500	
0950005	Turf Establishment Dollars (\$) per SY	3500	
0950037	Erosion Control Matting Type D Dollars (\$) per SY	400	
0969060	A Construction Field Office, Small Dollars (\$) per MO	4	
0970003	A Trafficperson (Town Police Officer) Dollars (\$6,000.00) Fixed Allowance	1	\$6000.00

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Item No.	Description	Estimated Quantity	Extended Total
0971001	Maintenance and Protection of Traffic		
	Dollars (\$) _____) per LS	1	
0975002	Mobilization		
	Dollars (\$) _____) per LS	1	
0980001	Construction Staking		
	Dollars (\$) _____) per LS	1	
1208906	Sign Face - Sheet Aluminum		
	Dollars (\$) _____) per SF	100	
1210101	4-in. White Epoxy-resin Pavement Markings		
	Dollars (\$) _____) per LF	4000	
1210102	4-in. Yellow Epoxy-resin Pavement Markings		
	Dollars (\$) _____) per LF	4000	
1404110	Gross Particle Separator		
	Dollars (\$) _____) per EA	1	

Total Amount of Bid (Basis of Award) For all items inclusive:

\$ _____

(Amount in Figures)

(Amount in Words)

The undersigned agrees that for extra work, if any, performed in accordance with the Article 10 of the General Conditions of the Contract and will be paid for in accordance with Article 11 of the General Conditions of the Contract.

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If this BID is accepted by the Owner, the undersigned agrees to complete the entire work provided to be done under the Contract within the time stipulated in the AGREEMENT.

As provided in the INSTRUCTIONS TO BIDDERS, the bidder hereby agrees that he will not withdraw this BID within ninety (90) consecutive calendar days after the actual date of the opening of Bids and that, if the Owner shall accept this BID, the bidder will duly execute and acknowledge the AGREEMENT and furnish, duly executed and acknowledged, the required CONTRACT BONDS within ten (10) days after notification that the AGREEMENT and other Contract Documents are ready for signature.

Should the bidder fail to fulfill any of his agreements as hereinabove set forth, the Owner shall have the right to retain as liquidated damages the amount of the bid check which shall become the Owner's property.

This BID includes Addenda number _____ (To be filled in by Bidder if Addenda are issued.)

The bidder, by submittal of this BID, agrees with the Owner that the amount of the bid security deposited with this BID fairly and reasonably represents the amount of damages the Owner will suffer due to the failure of the bidder to fulfill his agreements as above provided.

The undersigned further certifies under penalties of perjury that this bid is in all respects bona fide, fair and made without collusion or fraud with any other person. As used in this paragraph the word "person" shall mean any natural person, joint venture, partnership, corporation or other business or legal entity. The attached CERTIFICATE OF NON-COLLUSION must be signed and submitted as part of the Bid Proposal.

(SEAL) _____ L.S.
(Name of Bidder)

By _____
(Signature and title of authorized
representative)

(Telephone)

(Business address)

(Fax Number)

(City and State)

Date _____

The bidder is a corporation incorporated in the State (or Commonwealth) of _____ - a partnership - an individual. (Bidder must add and delete as necessary to make this sentence read correctly.)

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(Note: If the bidder is a corporation, affix corporate seal and give below the names of its president, treasurer, and general manager if any; if a partnership, give full names and residential addresses of all partners; and if an individual, give residential address if different from business address.)

The bidder is requested to state below what work of a similar character to that included in the proposed Contract he has done and to give references that will enable the Owner to judge his experience, skill, and business standing.

Project Name	Contact Name	Title	Telephone No.

CERTIFICATE OF NON-COLLUSION

The undersigned certifies under penalties of perjury that this bid or proposal has been made and submitted in good faith and without collusion or fraud with any other person. As used in this certification, the work "person" shall mean any natural person, business, partnership, corporation, union, committee, club, or other organization, entity, or group of individuals.

(Name of person signing bid or proposal)

(Name of business)

END OF SECTION 00300