ADDENDUM NUMBER 4:
Bid 12-14
SAGAMORE CREEK BRIDGE REPLACEMENT
August 16, 2013

This Addendum forms part of the original document marked: **SAGAMORE CREEK BRIDGE REPLACEMENT, Bid #12-14.**

1. Replace **Proposal Form** with attached **Proposal Form (Addendum #4_081613)**.

2. CONTRACTOR QUESTIONS:

The following questions have been asked by Contractors, with *responses in italics*:

- In reviewing the plans and specs for the Sagamore Creek Bridge Replacement (State Project no. 14493), we have not discovered a provision for the removal/handling of the existing water main and other utility piping which may contain **asbestos insulation** and therefore require abatement procedures in accordance with the New Hampshire Department of Environmental Services. Could you advise us if there is the existence of asbestos on Existing Bridge Pipe and Conduit, and what Bid Item?
    - *The pipe is cast iron. The insulation was installed in the late 1980s, and is foam glass insulation with an aluminum jacket. There is no known asbestos associated with the existing pipe, and thus no bid item.*

- The drilled shaft special provisions, section 509.1.9.2 indicates the cost of treatment of drilled shaft water due to ecological contaminants (as discussed in the Draft Sediment Management Plan) will be paid through Item 1009.21. There is no item 1009.21 in the contract, nor is a draft sediment management plan included in the bid documents. Action: please provide item 1009.21 and the draft sediment management plan.
    - *Paragraph 509.1.9.2 has been deleted from the specification.*

- Item 509.5 Crosshole Sonic Logging Tests has a quantity of 30 tests. This was mentioned at the prebid meeting, but I feel the item should show 10 tests. In the special provision (which I believe is consistent with the normal DOT procedure), section 504.5 has the tests paid per shaft. As there are 10 shafts, there would be 10 sets of CSL tests. Additionally, section 509.3.11.5 calls for individual tests to be taken between all combinations of tubes, which means 15 combinations with 6 tubes, per each shaft. Action: please confirm the number of CSL tests, and clarify the number of test combinations if required.
    - *Special provision 509 indicates that one "CSL test" for one shaft shall be CSL data sets from all 15 combinations of tubes in each shaft, and paid per shaft. Thus, the proper quantity of CSL tests should be changed from 30 each to 10 each, one "CSL test" per shaft. See attached revised bid tab.*

- A drilled shaft subcontractor has a down-hole-drill for rock socket excavation with a 58" diameter. Is it acceptable to drill the socket to 58" diameter instead of 60", as long as the shaft length is increased to make up the required skin friction? The 58" shaft should provide a minimum of 4" concrete cover. This item need not be on an addendum; I'd just like to check the feasibility of this change from your end.
    - *The bid should conform to the project requirements without deviation. Value Engineering Change Proposals by the Contractor per 104.11 will be considered after contract award.*

- Also, is item 1010.41, QC/QA for Concrete, to have a dollar value on the budget? It is currently blank.

    - *Each contractor shall include $10,000 in their bid for Item 1010.41.*

- Page 31 of the contract documents states there will be no retainage withheld as part of this contract. Page 54 of the contract documents states partial payments will be made on a monthly basis during the contract period. From the total amount ascertained as payable, an amount equivalent to ten percent (10%) of the whole will be deducted and retained by the Owner until such time as the work receives final acceptance. Please advise if retainage will be withheld as part of this contract.

    - *There is no retainage on the project. Under the MEASUREMENT AND PAYMENT section of the proposal, paragraph 4. PARTIAL PAYMENTS, shall be revised to read:*

        "Partial payments will be made on a monthly basis during the contract period."

- What is the DBE % for this project?

    - *Although contracting with DBE companies is encouraged, there is no mandatory DBE requirement on this project.*

- Does the Disclosure of Lobbying form (Standard Form LLL) need to be submitted **with the bid?**

    - *This form does not need to be submitted with the bid, it will be submitted by the selected contractor with the Contract.*

- It states that the Contract Affidavit and the Debarment forms have been deleted, and the "language" added in **BOLD** to the last pages of the **"Bidding Proposal"**. We are unable to locate that language in the bidding proposal, but did locate it in the **"Construction Proposal"** documents (2 pages) near the end of the specifications. Does the 2-page Construction Proposal form need to be submitted **with the bid?**

    - *The TE/CMAQ Program Construction Proposal form shall be filled out and submitted with the bid.*

All else remains unchanged from original bid document.

Please acknowledge receipt of this addendum within your proposal, failure to do so may subject a bidder to disqualification.

End of Addendum #4

PROPOSAL FORM

SAGAMORE CREEK BRIDGE REPLACEMENT

CITY OF PORTSMOUTH, N.H.

To the City of Portsmouth, New Hampshire, herein called the Owner.

The undersigned, as Bidder, herein referred to as singular and masculine declares as follows:

1. All interested in the Bid as Principals are named herein.

2. This bid is not made jointly, or in conjunction, cooperation or collusion with any other person, firm, corporation, or other legal entity;

3. No officer, agent or employee of the Owner is directly or indirectly interested in this Bid.

4. The bidder has carefully examined the sites 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 the bidder has carefully read and examined the Drawings, Agreement, Specifications and other Contract Documents therein referred to and knows and understands the terms and provisions thereof;

5. The bidder understands that the quantities of work calculated in the Bid or indicated on the Drawings or in the Specifications or other Contract Documents are approximate and are subject to increase or decrease or deletion as deemed necessary by the Portsmouth City Engineer. Any such changes will not result in or be justification for any penalty or increase in contract prices; and agrees that, if the Bid is accepted the bidder will contract with the Owner, as provided in the Contract Documents, this Bid Form being part of said Contract Documents, and that the bidder will supply or perform all labor, services, plant, machinery, apparatus, appliances, tools, supplies and all other activities required by the Contract Documents in the manner and within the time therein set forth, and that the bidder will take in full payment therefor the following item prices, to wit:

PROPOSAL FORM (continued)

THIS PROJECT SHALL BE BID BY UNIT PRICES.

BASE BID SCOPE ITEMS, QUANTITIES, AND PRICING ARE AS FOLLOWS:

(*) In Quantity Column Designates Available Owner-supplied Materials as Described in the Prosecution of Work – Bidder to initial at bid summary to indicate source choice accordingly.

Base Bid

ITEM #	ESTIMATE QUANTITY & UNIT	ITEM DESCIPTION, UNIT, & UNIT PRICE IN WORDS	UNIT PRICE IN FIGURES	ITEM TOTAL IN FIGURES
201.1	0.21 AC	Clearing and Grubbing (F), Per Acre		
		_____	$_____	$_____
201.21	1 EA	Removing Small Trees, Per Each		
		_____	$_____	$_____
201.881	560 SY	Invasive Species Control Type I, Per Square Yard		
		_____	$_____	$_____
201.882	140 SY	Invasive Species Control Type II, Per Square Yard		
		_____	$_____	$_____
202.41	340 LF	Removal of Existing Pipe, 0-24” Diameter, Per Linear Foot		
		_____	$_____	$_____
202.5	2 EA	Removal of Catch Basins, Drop Inlets, and Manholes, Per Each		
		_____	$_____	$_____
202.6	125 LF	Curb Removal for Storage, Per Linear Foot		
		_____	$_____	$_____

202.7	620 LF	Removal of Guardrail, Per Linear Foot		
		_____	$_____	$_____
203.1	1,650 CY	Common Excavation, Per Cubic Yard		
		_____	$_____	$_____
203.2	165 CY	Rock Excavation, Per Cubic Yard		
		_____	$_____	$_____
203.5555	1 U	Guardrail 25 Ft. EAGRT Platform, Per Unit		
		_____	$_____	$_____
203.6	198 CY	Embankment-in-Place (F), Per Cubic Yard		
		_____	$_____	$_____
206.1	150 CY	Common Structure Excavation, Per Cubic Yard		
		_____	$_____	$_____
206.19	10 CY	Common Structure Excavation Exploratory, Per Cubic Yard		
		_____	$_____	$_____
209.1	70 CY	Granular Backfill, Per Cubic Yard		
		_____	$_____	$_____
209.201	1,323 CY	Granular Backfill (Bridge) (F), Per Cubic Yard		
		_____	$_____	$_____
210.6	1 U	Mobilization and Demobilization for Test Boring Drilling Equipment, Per Unit		
		_____	$_____	$_____
210.61	200 LF	Advancing Cased Boring Hole, Per Linear Foot		
		_____	$_____	$_____

210.62	108 LF	Advancing Boring Hole by Diamond Core Drilling, Per Linear Foot		
		_____	$_____	$_____
214.	1 U	Fine Grading, Per Unit		
		_____	$_____	$_____
304.1	523 CY	Sand (F), Per Cubic Yard		
		_____	$_____	$_____
304.4	675 CY	Crushed Stone (Fine Gradation) (F), Per Cubic Yard		
		_____	$_____	$_____
304.5	523 CY	Crushed Stone (Course Gradation) (F), Per Cubic Yard		
		_____	$_____	$_____
403.11	970 TON	Hot Bituminous Pavement, Machine Method, Per Ton		
		_____	$_____	$_____
403.12	180 TON	Hot Bituminous Pavement, Hand Method, Per Ton		
		_____	$_____	$_____
403.6	6,500 LF	Pavement Joint Adhesive, Per Linear Foot		
		_____	$_____	$_____
403.911	83 TON	Hot Bituminous Bridge Pavement, 1” Base Course (F), Per Ton		
		_____	$_____	$_____
411.1	110 TON	Hot Bituminous Concrete Leveling Course, Per Ton		
		_____	$_____	$_____

417.	1,850 SY	Cold Planing Bituminous Surfaces, Per Square Yard		
		_____	$_____	$_____
500.02	1 U	Access For Bridge Construction, Per Unit		
		_____	$_____	$_____
502.	1 U	Removal of Existing Bridge Structure, Per Unit		
		_____	$_____	$_____
503.201	1 U	Cofferdams		
		_____	$_____	$_____
504.1	2,500 CY	Common Bridge Excavation (F), Per Cubic Yard		
		_____	$_____	$_____
508.	200 CY	Structural Fill, Per Cubic Yard		
		_____	$_____	$_____
509.1	1 U	Mobilization and Demobilization of Drilled Shaft Drilling Equipment, Per Unit		
		_____	$_____	$_____
509.2	430 LF	Drilled Shaft, Per Linear Foot		
		_____	$_____	$_____
509.3	100 LF	Obstruction Removal, Per Linear Foot		
		_____	$_____	$_____
509.4	120 LF	Rock Socket Excavation, Per Linear Foot		
		_____	$_____	$_____
509.5	10 EA	Crosshole Sonic Logging (CSL) Tests, Per Each		
		_____	$_____	$_____

509.6	130,000 LB	Drilled Shaft Reinforcing Steel, Epoxy Coated (Contractor Detailed), Per Pound		
		_____	$_____	$_____
520.0102	658 CY	Concrete Class AA (QC/QA) (F), Per Cubic Yard		
		_____	$_____	$_____
520.0302	62 CY	Concrete Class AA, Approach Slabs (QC/QA) (F), Per Cubic Yard		
		_____	$_____	$_____
520.2	20 CY	Concrete Class B, Per Cubic Yard		
		_____	$_____	$_____
520.213	181 CY	Concrete Class B, Footings (On Soil) (F), Per Cubic Yard		
		_____	$_____	$_____
520.70026	680 CY	Concrete Bridge Deck (QC/QA) (Panel Option) (F), Per Cubic Yard		
		_____	$_____	$_____
520.99	3,000 SF	Form Liner for Concrete Surfaces, Per Square Yard		
		_____	$_____	$_____
534.3	120 GAL	Water Repellent (Silane-Siloxane), Per Gallon		
		_____	$_____	$_____
538.2	27 SY	Barrier Membrane, Vertical Surfaces (F), Per Square Yard		
		_____	$_____	$_____
538.5	22 SY	Barrier Membrane, Welded by Torch (F), Per Square Yard		
		_____	$_____	$_____

538.6	1,586 SY	Barrier Membrane, Welded by Torch Machine Method (F), Per Square Yard		
		_____	$_____	$_____
541.1	125 LF	PVC Waterstops, NH Type 1 (F), Per Linear Foot		
		_____	$_____	$_____
541.4	62 LF	PVC Waterstops, NH Type 4 (F), Per Linear Foot		
		_____	$_____	$_____
544.3	58,000 LB	Reinforcing Steel (Contractor Detailed), Per Pound		
		_____	$_____	$_____
544.31	326,100 LB	Reinforcing Steel, Epoxy Coated (Contractor Detailed), Per Pound		
		_____	$_____	$_____
544.7	434 LB	Synthetic Fiber Reinforcement, Per Pound		
		_____	$_____	$_____
547.1	5,055EA	Shear Connectors (F), Per Each		
		_____	$_____	$_____
548.21	20 EA	Elastomeric Bearing Assemblies (F), Per Each		
		_____	$_____	$_____
550.1	686,200 LB	Structural Steel (F), Per Pound		
		_____	$_____	$_____
556.201	1 U	Containment and Environmental Protection, Per Unit		
		_____	$_____	$_____

556.301	1 U	Worker Protection, Per Unit		
		_____	$_____	$_____
556.401	1 U	Waste Management, Per Unit		
		_____	$_____	$_____
561.11	86 LF	Prefabricated Expansion Joint, Type A (F), Per Linear Foot		
		_____	$_____	$_____
562.1	62 LF	Silicone Joint Sealant (F), Per Linear Foot		
		_____	$_____	$_____
563.24	1,112 LF	Bridge Rail T4, Per Linear Foot		
		_____	$_____	$_____
565.242	3 U	Bridge Approach Rail T4 (Steel Posts) (F), Per Unit		
		_____	$_____	$_____
585.21	600 CY	Stone Fill, Class B (Bridge), Per Cubic Yard		
		_____	$_____	$_____
585.3	15 CY	Stone Fill, Class C, Per Cubic Yard		
		_____	$_____	$_____
593.411	900 SY	Geotextile; Perm. Erosion Control, Class 1, Non-Woven, Per Square Yard		
		_____	$_____	$_____
593.421	75 SY	Geotextile; Perm. Control Class 2; Non-Woven Filter Category 2, Per Square Yard		
		_____	$_____	$_____
603.0001	700 LF	Video Inspection, Per Linear Foot		
		_____	$_____	$_____

603.00215	470 LF	15" R.C. Pipe, 2000D, Per Linear Foot		
		_____	$_____	$_____
603.00315	130 LF	15" R.C. Pipe, 3000D, Per Linear Foot		
		_____	$_____	$_____
603.36115	3 EA	15” Aluminized Steel End Sections, Per Each		
		_____	$_____	$_____
603.82206	30 LF	6” PE Pipe (Type S), Per Linear Foot		
		_____	$_____	$_____
603.82212	10 LF	12” PE Pipe (Type S), Per Linear Foot		
		_____	$_____	$_____
603.82215	80 LF	15” PE Pipe (Type S), Per Linear Foot		
		_____	$_____	$_____
604.0007	12 EA	Polyethylene Liner, Per Each		
		_____	$_____	$_____
604.12	15 U	Catch Basins, Type B, Per Unit		
		_____	$_____	$_____
604.125	2 U	Catch Basins, Type B, 5’ Diameter, Per Unit		
		_____	$_____	$_____
604.32	2U	Drainage Manholes, Per Unit		
		_____	$_____	$_____
604.325	1 U	Drainage Manholes, 5’ Diameter, Per Unit		
		_____	$_____	$_____
604.9109	1 U	Flow Control Structure, Per Unit		
		_____	$_____	$_____

605.906	32 LF	6” Pipe Underdrain (Contractor ‘s Option), Per Linear Foot		
		_____	$_____	$_____
606.120	200 LF	Beam Guardrail (Standard Section-Steel Posts), Per Linear Foot		
		_____	$_____	$_____
606.1255	1 U	Beam Guardrail (Term. Unit Type EAGRT 25 Feet), Per Unit		
		_____	$_____	$_____
606.1270	2 U	Beam Guardrail (Term. Unit Type G-2, Steel Post), Per Unit		
		_____	$_____	$_____
606.417	170 LF	Portable Concrete Barrier for Traffic Control, Per Linear Foot		
		_____	$_____	$_____
608.34	405 SY	4” Reinforced Concrete Sidewalk (F), Per Square Yard		
		_____	$_____	$_____
608.36	6 SY	6” Reinforced Concrete Sidewalk (F), Per Square Yard		
		_____	$_____	$_____
608.54	2 SY	Detectable Warning Devices, Cast Iron, Per Square Yard		
		_____	$_____	$_____
609.01	1,310 LF	Straight Granite Curb, Per Linear Foot		
		_____	$_____	$_____
609.02	130 LF	Curved Granite Curb, Per Linear Foot		
		_____	$_____	$_____

611.05206	40 LF	6” Cement Lined Ductile Iron Water Pipe, CL 52, Per Liner Foot		
		_____	$_____	$_____
611.05210	130 LF	10” Cement Lined Ductile Iron Water Pipe, CL 52, Per Liner Foot		
		_____	$_____	$_____
611.05212	110 LF	12” Cement Lined Ductile Iron Water Pipe, CL 52, Per Liner Foot		
		_____	$_____	$_____
611.06210	420 LF	10” Cement Lined Ductile Iron Bridge Crossing Pipe, CL 52, Per Liner Foot		
		_____	$_____	$_____
611.35220	60 LF	20” Casing Pipe 1/12” Cement Lined DI MJ, CL 52 Carrier Pipe, Per Linear Foot		
		_____	$_____	$_____
611.70006	1 EA	6” Fitting, Per Each		
		_____	$_____	$_____
611.70010	4 EA	10” Fitting, Per Each		
		_____	$_____	$_____
611.70012	9 EA	12” Fitting, Per Each		
		_____	$_____	$_____
611.71006	1 EA	6” Gate Valve, Per Each		
		_____	$_____	$_____
611.71012	2 EA	12” Gate Valve, Per Each		
		_____	$_____	$_____
611.74	1 EA	Chlorine Injection Tap, Per Each		
		_____	$_____	$_____

611.81	1 EA	Hydrants, Per Each		
		_____	$_____	$_____
611.90001	3 EA	Adjusting Water Gates and Shut Offs Set by Others, Per Each		
		_____	$_____	$_____
611.952	480 LF	Round Rigid Pipe Insulation, Per Linear Foot		
		_____	$_____	$_____
613.1	1 U	Underground Infiltration System, Per Unit		
		_____	$_____	$_____
615.03	23 SF	Traffic Sign Type C (F), Per Square Foot		
		_____	$_____	$_____
615.033	2 U	Removing Traffic Sign Type C, Per Unit		
		_____	$_____	$_____
615.034	5 U	Relocating Traffic Sign Type C, Per Unit		
		_____	$_____	$_____
618.6	$	Uniformed Officers		
			$1,650.00	$1,650.00
618.7	2,000 HR	Flaggers		
		_____	$_____	$_____
619.1	1 U	Maintenance of Traffic, Per Unit		
		_____	$_____	$_____
619.25	2 U	Portable Changeable Message Sign, Per Unit		
		_____	$_____	$_____

621.2	5 EA	Retroreflective Beam Guardrail Delineator (White), Per Each		
		_____	$_____	$_____
621.31	4 EA	Single Delineator with Post, Per Each		
		_____	$_____	$_____
622.1	4 EA	Steel Witness Markers, Per Each		
		_____	$_____	$_____
628.2	750 LF	Sawed Bituminous Pavement, Per Linear Foot		
		_____	$_____	$_____
632.0104	5,550 LF	Retroreflective Paint Pavement Marking, 4" Line, Per Liner Foot		
		_____	$_____	$_____
632.3106	230 LF	Retroreflective, Thermoplastic Pavement Marking, 6" Line, Per Liner Foot		
		_____	$_____	$_____
632.3118	30 LF	Retroreflective Thermoplastic Pavement Marking, 18" Line, Per Linear Foot		
		_____	$_____	$_____
641.	180 CY	Loam , Per Cubic Yard		
		_____	$_____	$_____
643.21	280 LB	Fertilizer For Refertilization, Per Pound		
		_____	$_____	$_____
644.15	40 LB	Park Seed, Type 15, Per Pound		
		_____	$_____	$_____
645.0001	1,000 LF	Turbidity Curtain, Per Linear Foot		
		_____	$_____	$_____

645.3	330 TON	Erosion Stone, Per Ton		
		_____	$_____	$_____
645.52	1,600 SY	Temporary Slope Stabilization, Type B (Wildlife Friendly), Per Square Yard		
		_____	$_____	$_____
645.512	600 LF	Compost Stock for Perimeter Berm, Per Linear Foot		
		_____	$_____	$_____
645.531	1,500 LF	Silt Fence, Per Linear Foot		
		_____	$_____	$_____
645.7	1 U	Storm Water Pollution Prevention Plan (SWPPP), Per Unit		
		_____	$_____	$_____
645.71	260 HR	Monitoring SWPPP And Erosion and Sediment Controls, Per Hour		
		_____	$_____	$_____
646.31	1,600 SY	Turf Establishment with Mulch and Tackifiers, Per Square Yard		
		_____	$_____	$_____
670.6051	2 CY	Pea Stone, Per Cubic Yard		
		_____	$_____	$_____
670.641	8 CY	Sand Filter Media Mix, Per Cubic Yard		
		_____	$_____	$_____
670.9	1 U	Temporary Stabilization of Utility Infrastructure, Per Unit		
		_____	$_____	$_____
692.	1U	Mobilization		
		_____	$_____	$_____

693.	$	On the Job Training of Unskilled Workers, Per $		
			$600.00	$600.00
697.11	1 U	Invasive Species Control and Management Plan, Per Unit		
		_____	$_____	$_____
697.41	1 U	Critical Path Method (CPM) Electronic Schedule, Per Unit		
		_____	$_____	$_____
698.12	24 MO	Field Office, Type B, Per MO		
		_____	$_____	$_____
698.2	21 MO	Physical Testing Laboratory, Per MO		
		_____	$_____	$_____
699.	$	Miscellaneous Temporary Erosion and Sediment Control, Per $		
			$20,000.00	$20,000.00
1008.8	$	Winter Maintenance, Per $		
			$25,000.00	$25,000.00
1010.15	$	Fuel Adjustment, Per $		
			$70,000.00	$70,000.00
1010.2	$	Asphalt Cement Adjustment, Per $		
			$10,000.00	$10,000.00
1010.41	$	Quality Control/Quality Assurance (QC/QA) for Concrete, Per $		
			$_____	$_____

PROPOSAL FORM (continued)

To Bidder: It is the intention of this contract that the items listed above describe completely and thoroughly the entirety of the work as shown on the plans and as described in the specifications. All other items required to accomplish the above items are considered to be subsidiary work, unless shown as a pay item.

TOTAL FOR PROJECT (BASE BID) AND BASIS FOR AWARD

In Figures $_____

In Words $_____

The undersigned agrees that for extra work, if any, performed in accordance with the terms and provisions of the Contract Documents, the bidder will accept compensation as stipulated therein.

_____
Date

_____
Company

By:_____
Signature

_____
Business Address

Title:_____

_____
City, State, Zip Code

Telephone:_____

We certify that the Company is currently pre-qualified with the State of New Hampshire for Site Work or Road Construction.

The Bidder has received and acknowledged Addenda No._____through _____.
All Bids are to be submitted on this form and in a sealed envelope, plainly marked on the outside with the Bidder's name and address and the Project name as it appears at the top of the Proposal Form.

In order to follow the City's sustainability practices, future bid invitations/specifications may be sent electronically. Please provide an email address as to where I could email future bid invitations/specifications of this type. Thank you in advance for your cooperation.

Email Address:_____