



Maura Healey, Governor
Kimberley Driscoll, Lieutenant Governor
Monica Tibbitts-Nutt, Secretary & CEO
Jonathan L. Gulliver, Highway Administrator



March 14, 2024

608762-124916

ADDENDUM NO. 3

To Prospective Bidders and Others on:

BOSTON-CAMBRIDGE
Federal Aid Project Nos. HIP(BR)-0036(018)X
Bridge Preservation of B-16-246=C-01-029,
Eliot Street over the Charles River

THIS PROPOSAL TO BE OPENED AND READ: TUESDAY, MARCH 19, 2024 at 2:00 P.M.

Transmitting revisions to the Contract Documents as follows:

QUESTIONS AND RESPONSES: 1 page.

DOCUMENT A00801: Inserted new pages 126.1, 126.2, 133.1,
and 133.2.

DOCUMENT B00420: Revised pages 1, 10 through 13.

NOTE: Response to question 6 alters plan sheet 9 of 43.
Official plan changes will be made at a later date.

Take note of the above, substitute the revised pages for the originals, insert new pages in proper order, and acknowledge Addendum No. 3 in your Expedite Proposal file before submitting your bid.

Very truly yours,

Eric M. Cardone, P.E.
Construction Contracts Engineer

SP
cc: A. Christakis, Project Manager

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BOSTON-CAMBRIDGE
Federal Aid Project Nos. HIP(BR)-0036(018)X
Bridge Preservation of B-16-246=C-01-029,
Eliot Street over the Charles River
(608762-124916)

Questions and Responses

Addendum No 3, March 14, 2024

SPS New England, Inc., e-mail dated February 29, 2024

Question 2) Would the Department consider adding a remove and reset barrier pay item to the contract?

Response 2) See revised page B00420 – 10.

Question 4) The traffic control phasing does not cover the entire deck area. With the potential for deck repairs to be outside of work zones protected by barrier, would the Department consider adding a rapid hardening concrete pay item to the contract?

Response 4) See revised page B00420 – 12.

J.F. White Contracting, e-mail dated March 6, 2024

Question 6) Sheet NO.9 is showing 4"x4"x4" SS. Please clarify what pay item this will be paid under.

Response 6) The junction boxes should be 6 x 6 x 4 and will be paid under Item 811.40. Official plan changes will be made at a later date.

Question 8) Sheet NO. 7 showing Junction Boxes in sidewalk. Details shown on sheet 10. There is no pay item or description for this. Please clarify.

Response 8) The pay item for the junction boxes is 811.61.

ITEM 853.21 TEMPORARY BARRIER REMOVED AND RESET FOOT

Work under this item shall conform to the relevant provisions of Section 850 and shall consist of removing, transporting and resetting temporary barrier systems and limited deflection temporary barrier systems from alignments established along the roadway to new alignments in accordance with the details shown on the plans, as required by the construction and staged construction operations and as required by the Engineer for the channelization of traffic and/or work zone protection.

The work shall also include furnishing and installing all hardware and associated materials per the details and/or manufacturer's specifications. The work shall also include necessary patches and repairs caused by the temporary barrier system to damaged pavement surfaces or any adjacent longitudinal barrier once the system has been removed.

Temporary barrier systems and limited deflection temporary barrier systems shall be removed from existing locations and reset in accordance to the construction methods stated in the respective barrier items.

Damage to the pavement surface or adjacent permanent barriers caused by removing or resetting temporary barrier shall be repaired as directed by the Engineer at the Contractor's expense.

METHOD OF MEASUREMENT AND BASIS OF PAYMENT

Item 853.21 will be measured and paid by the foot, in place which shall provide full compensation for removing, relocating, resetting, realigning, and transporting maintaining the temporary barrier system and/or limited deflection temporary barrier system. The Contractor will be paid for this item each time the barrier is relocated either to a new work zone, to off-season storage, or back to the project from storage. The Contractor will not be separately compensated for any work necessary to maintain or re-align units or replace damaged units. No payment will be made for removing and resetting barriers for the purpose of gaining access to the construction work zone. No payment will be made for removing, relocating and resetting any barriers moved for the convenience of the Contractor.

For temporary barrier systems that require anchorage systems, the cost of furnishing, installing and removing the anchorage and hardware and the restoration of pavement surfaces or adjacent permanent barrier systems to facilitate anchorage shall be considered incidental to the cost of this Item.

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ITEM 909.99

RAPID SET CEMENT

BAG

The work under this Item shall conform to the relevant provisions of Subsection of the Standard Specifications and the following:

Rapid set cement shall be used at the discretion of the Contractor and Engineer for deck repairs within the travel way outside of the temporary traffic control setups shown on the Construction Drawings.

MATERIALS

Rapid set material must be chosen from the MassDOT Qualified Construction Materials List (QCML) from the Rapid Set Concrete Patch Materials section, from the products listed as approved for horizontal fast set applications.

<https://www.mass.gov/info-details/rapid-set-concrete-patch-materials-horizontal-verticaloverhead>

Rapid set material may be extended per manufacturer recommendations to meet required repair area limits and depths.

SUBMITTALS

Manufacturer's Product Data

Manufacturer's product data shall be submitted for the rapid set cement and any aggregate used to extend the rapid set material.

METHOD OF MEASUREMENT

Rapid Set Cement and associated work will be measured by bags of product used for deck repairs at the bridge. Any aggregate or other material used to extend the mix shall be considered incidental to the item.

BASIS OF PAYMENT

Payment of Rapid Set Cement and associated work will be made at the Contract unit price per bag under Item 909.99 Rapid Set Cement.

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③ Addendum No. 3, March 14, 2024

Project # 608762		Contract # 124916		
Location : BOSTON - CAMBRIDGE				
Description : Bridge Preservation of B-16-246=C-01-029, Eliot Street over the Charles River				
ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
100.	1	SCHEDULE OF OPERATIONS - FIXED PRICE \$49500 AT Forty Nine Thousand Five Hundred Dollars LUMP SUM	\$49,500.00	\$49,500.00
100.711	2,010	BRICK VENEER FLASHING, INTERIOR OF PARAPETS, SHEET TYPE AT _____ PER SQUARE FOOT		
100.722	2,010	GRANITE CAP STONE FLASHING, COPPER FLASHING AT _____ PER SQUARE FOOT		
102.1	100	TREE TRIMMING AT _____ PER FOOT		
102.511	20	TREE PROTECTION - ARMORING AND PRUNING AT _____ EACH		
102.522	300	TREE AND PLANT PROTECTION FENCE - CHAIN LINK AT _____ PER FOOT		
107.855	1,500	PRESSURE INJECTION OF CRACKS AT _____ PER FOOT		
119.	1	RODENT CONTROL AT _____ LUMP SUM		
127.1	50	REINFORCED CONCRETE EXCAVATION AT _____ PER CUBIC YARD		

③

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ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
832.	37	WARNING-REGULATORY AND ROUTE MARKER - ALUMINUM PANEL (TYPE A) AT _____ PER SQUARE FOOT		
847.1	10	SIGN SUP (N/GUIDE)+RTE MKR W/1 BRKWAY POST ASSEMBLY - STEEL AT _____ EACH		
851.1	60	TRAFFIC CONES FOR TRAFFIC MANAGEMENT AT _____ PER DAY		
851.3	1	MAINTENANCE OF WATERWAY/CONSTRUCTION BARGE RENTAL AT _____ LUMP SUM		
852.	900	SAFETY SIGNING FOR TRAFFIC MANAGEMENT AT _____ PER SQUARE FOOT		
852.11	500	TEMPORARY PEDESTRIAN BARRICADES AT _____ PER FOOT		
852.12	8	TEMPORARY PEDESTRIAN CURB RAMPS AT _____ EACH		
853.2	1,700	TEMPORARY BARRIER (TL-2) AT _____ PER FOOT		
③ 853.21	4,350	TEMPORARY BARRIER REMOVED AND RESET AT _____ PER FOOT		

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853.8	180	TEMPORARY ILLUMINATION FOR WORK ZONE AT _____ PER DAY		
854.1	1,700	PAVEMENT MARKING REMOVAL AT _____ PER SQUARE FOOT		
856.	3,700	ARROW BOARD AT _____ PER DAY		
856.12	2,600	PORTABLE CHANGEABLE MESSAGE SIGN AT _____ PER DAY		
859.	47,780	REFLECTORIZED DRUM AT _____ PER DAY		
859.1	3,700	REFLECTORIZED DRUMS WITH SEQUENTIAL FLASHING WARNING LIGHTS AT _____ PER DAY		
860.106	4,440	6 INCH REFLECTORIZED WHITE LINE (PAINTED) AT _____ PER FOOT		
861.106	2,200	6 INCH REFLECTORIZED YELLOW LINE (PAINTED) AT _____ PER FOOT		
864.04	260	PAVEMENT ARROWS AND LEGENDS REFLECTORIZED WHITE (THERMOPLASTIC) AT _____ PER SQUARE FOOT		

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ITEM #	QUANTITY	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT PRICE	AMOUNT
866.106	2,220	6 INCH REFLECTORIZED WHITE LINE (THERMOPLASTIC) AT _____ PER FOOT		
867.106	1,100	6 INCH REFLECTORIZED YELLOW LINE (THERMOPLASTIC) AT _____ PER FOOT		
874.41	25	TRAFFIC SIGNS REMOVED AND DISCARDED AT _____ EACH		
900.411	10	TRUSS ENCASEMENT REPAIRS - DEEP AT _____ PER CUBIC YARD		
900.412	50	TRUSS ENCASEMENT REPAIRS - SHALLOW AT _____ PER SQUARE YARD		
900.413	10	CONCRETE BEAM REPAIRS AT _____ PER CUBIC YARD		
900.414	10	CONCRETE DIAPHRAGM REPAIRS AT _____ PER CUBIC YARD		
905.	5	4000 PSI, 3/8 INCH, 660 CEMENT CONCRETE AT _____ PER CUBIC YARD		
909.99	100	RAPID SET CEMENT AT _____ PER BAG		

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910.1	23,550	STEEL REINFORCEMENT FOR STRUCTURES - EPOXY COATED AT _____ PER POUND		
912.5	48	DRILLED AND GROUTED #5 DOWELS AT _____ EACH		
912.6	20	DRILLED AND GROUTED #6 DOWELS AT _____ EACH		
912.7	427	DRILLED AND GROUTED #7 DOWELS AT _____ EACH		
960.2	230	GRANITE CAP STONE DOWELS, SS AT _____ EACH		
966.	25,100	MEMBRANE WATERPROOFING FOR BRIDGE DECK REPAIRS AT _____ PER SQUARE FOOT		
968.4	4	SCUPPER-REMOVED AT _____ EACH		
973.	170	BRIDGE EXPANSION JOINT REPLACEMENT AT _____ PER FOOT		
998.	1	STUDY AND ANALYSIS OF MASONRY MATERIALS AND PROCEDURES AT _____ LUMP SUM		
Total Qty:		192,262		