

Addendum No. 1 to IFB 19-74



CITY OF SOMERVILLE, MASSACHUSETTS
Department of Purchasing
JOSEPH A. CURTATONE
MAYOR

To: All Parties on Record with the City of Somerville as Holding **IFB 19-74 Washington Street Water Main Upgrades**

From: Michael Richards, Assistant Purchasing Director

Date: May 3rd, 2019

Re: Answer Questions; Revise Specifications; Append Revised Drawings Sheet C-4; Revise Itemized Bid Form; Append List of Plan Holders

Addendum No. 1 to IFB 19-74

Please acknowledge receipt of this Addendum by signing below and including this form in your proposal package. Failure to do so may subject the proposer to disqualification.

This addendum serves to answer questions posed during the Q/A period, revise the specifications, replace a revised drawing, and attach a revised Itemized Bid Form. Bidders are instructed to submit the revised Itemized Bid Form with their bid.

The date and time of the bid opening remains unchanged, and will be held **Thursday, May 9, 2019 at 1:30 p.m.**

NAME OF COMPANY / INDIVIDUAL: _____

ADDRESS: _____

CITY/STATE/ZIP: _____

TELEPHONE/FAX/EMAIL: _____

SIGNATURE OF AUTHORIZED INDIVIDUAL: _____

ACKNOWLEDGEMENT OF ADDENDA:

Addendum #1 _____ **#2** _____ **#3** _____ **#4** _____

ADDENDUM NO. 1

CITY OF SOMERVILLE, MASSACHUSETTS WASHINGTON STREET WATER MAIN UPGRADES

MAY 3, 2019

The attention of bidders submitting proposals for the above-referenced project is called to the following Addendum to the Contract Documents. 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.

The date and time of the bid opening has not changed, and will be held Thursday, May 9, 2019 at 1:30 p.m.

Inclusion of this Addendum must be acknowledged by signing the City of Somerville Addendum 1 and including this form in your proposal package. Failure to acknowledge any and all addenda in the above specified bid forms may be cause for rejection of a bid by the Owner on the grounds that it is not responsive.

This Addendum consists of fourteen (14) pages including attachments.

QUESTIONS FROM PLANHOLDERS

1. **Question from a planholder:** The City is considered the generator of the soil and it must be kept in an area for testing. Will this area be furnished by the City? There aren't any viable places to store potentially hazardous soil anywhere near the project.
 - **Response:** The City does not provide staging or storage space. See specification Section 1505.1.1.A.3:
Mobilization shall further include the following principal items:
[...]
3. Arranging for and erection of Contractor's work and storage/staging yard(s).
[...]
2. **Question from a planholder:** On Plan Sheet C-4 on Webster Ave., it shows the 12" main being replaced rather than cleaning and lining. There are many utility conflicts with the water main in this area making it very difficult to replace the main where it is pre-existing. Will cleaning and lining of this 110' section being acceptable versus replacement?
 - **Response:** Due to the number of pits (four in 110 feet of pipe) we did not see the value in cleaning and cement mortar lining for this pipe segment. Additionally, all other water mains in Union Square are being replaced under this contract and others so the City will replace this main too.
3. **Question from a planholder:** Part 1 of the Specifications state that the work hours on Fridays are between 8:30 am to 12:30 pm. Is this a typo? What are the work hours for this project?
 - **Response:** The work hours for this project are Monday through Friday, 7:00 a.m. – 4:00 p.m. excluding City of Somerville Holidays. (Refer to Specification section 01010, Par. 1.5)

4. **Question from a planholder:** On Page 02015-1 Vibration Monitoring requirements are listed. This type of monitoring is usually associated with pile driving at one location. This project is almost a half a mile long and it would be extremely difficult and costly to have a full time vibration monitor engineer on site. Will you wave this requirement for this type of work or should we add a full time vibration consultant with equipment to the bid?
 - **Response:** The requirements of Specification 02015 Geotechnical Monitoring and Instrumentation apply to this project. The vibration monitoring equipment can be managed on-site by qualified personnel.

5. **Question from a planholder:** Can you clarify what the main and bypass water sample procedure is. Will an independent testing lab be responsible for collecting and delivering all water samples to the lab for bacteria testing or will the contractor be responsible? Will the contractor or the City be responsible for payment?
 - **Response:** A third party shall collect the water samples and deliver them to the approved laboratory. The contractor will be responsible for payment. Refer to Section 02675 revisions in the Specifications section of this Addendum below.

6. **Question from a planholder:** Will rubber ramps be acceptable at driveways for 2” & 4” bypass piping?
 - **Response:** Refer to Section 02685 Temporary Bypass Piping and Service Connections revisions in the Specifications section of this Addendum below.
 - Specification 02685 Temporary Bypass Piping and Service Connections does not allow for 4-inch temporary bypass piping.

7. **Question from a planholder:** Will rubber ramps be acceptable at handicap sidewalk ramps for 2” & 4” bypass piping?
 - **Response:** Temporary bypass piping and associated trenching in sidewalks and sidewalk ramps must meet ADA and Massachusetts Architectural Access Board Standards.
 - Specification 02685 Temporary Bypass Piping and Service Connections does not allow for 4-inch temporary bypass piping.

8. **Question from a planholder:** Will all 6” bypass need to be buried at driveways and sidewalk ramps or will ramping with stone material or cold patch be allowed?
 - **Response:** Temporary bypass piping in sidewalks must meet ADA and Massachusetts Architectural Access Board Standards.
 - Refer to Section 02685 Temporary Bypass Piping and Service Connections revisions in the Specifications section of this Addendum below.

9. **Question from a planholder:** What are the rules for 2” bypass? It is our understanding that it is basically only allowed in rare circumstances where there are 10 or less temporary service connections all under 1” in diameter. Please clarify.
 - **Response:** Refer to Section 02685 Temporary Bypass Piping and Service Connections for 2” bypass requirements. Temporary bypass for domestic services shall be a minimum of 2” in diameter. A temporary bypass plan submitted by the contractor shall be reviewed for hydraulic adequacy by the engineer prior to mobilization.

SPECIFICATIONS

1. **IFB #17-74, In the Unit Price Form** table row 1400.1, **DELETE** “\$18,300.00” and **REPLACE** with \$13,800.00. See Attachment 2 for revised Unit Price Form.
2. **Section 02675, Disinfection of Water Mains, DELETE** Section 3.4.A.4 in its entirety and **REPLACE** in its entirety the following,

Twenty-four (24) hours after the main has been fully dechlorinated and flushed, bacteriological samples shall be taken. Water samples shall be taken from corporation stops along the length of the water main as designated by the Engineer. Samples shall be collected by a third party every 1,200 ft of new or rehabilitated water main, plus one set from each end of the line and at least one from each branch greater than one pipe length, each in duplicate, in sterile bottles and delivered by the third party to a MassDEP approved laboratory for analyses. Duplicate samples, shall be collected a minimum of 15 minutes after the original while the sampling taps are left running. The Contractor shall be responsible for all necessary work including coordinating collection and delivery of samples to a certified laboratory by a third party and shall include the cost for sampling, delivery, and analysis in his bid price.

3. **Section 02685 Temporary Bypass Piping and Service Connections, DELETE** Section 3.1.C in its entirety and **REPLACE** in its entirety the following,

Temporary piping shall be installed adjacent to the roadways where it will cause the least obstruction and where it will be least susceptible to damage. At street intersections or access ways, the pipe shall be installed in a shallow trench to be overlaid with temporary bituminous pavement. At driveways, 6-inch diameter pipe crossings shall be installed in a shallow trench to be overlaid with temporary bituminous pavement. At driveways, 2-inch diameter pipe crossings shall be provided utilizing cold patch cover, rubber ramps or other method acceptable to the Engineer.

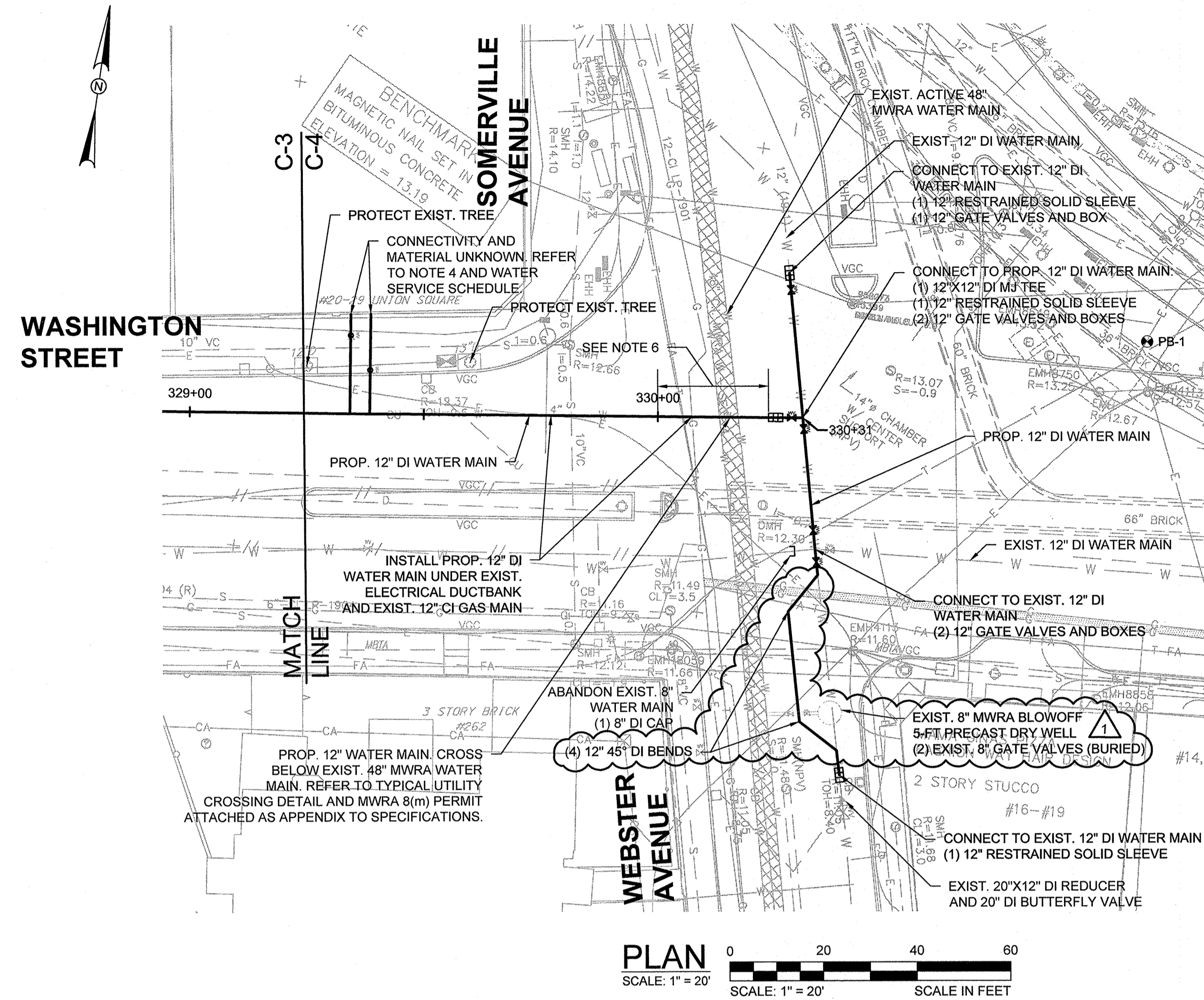
DRAWINGS

1. **SHEET C-4– Water Main Plan – Washington Street STA 329+25 to STA 330+31**

DELETE Sheet C-4 and **REPLACE** in its entirety Attachment 1, Sheet C-4, MWRA Blowoff Revision.

ATTACHMENT NO. 1:

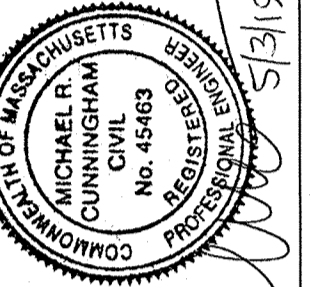
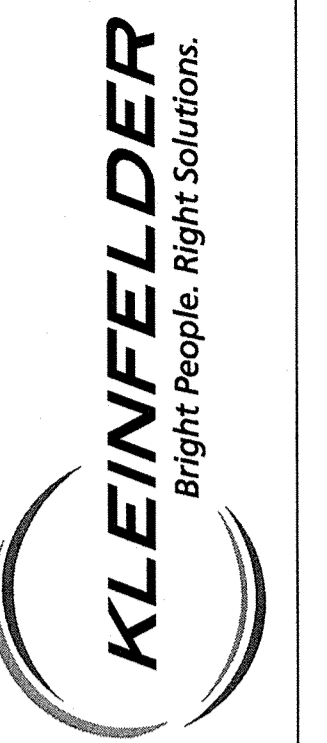
C-4– Water Main Plan – Washington Street STA 329+25 to STA 330+31
MWRA Blowoff Revision.



NOTES:

1. RECORD INFORMATION INDICATES WATER SERVICE MATERIAL IS NON-COPPER. CONTRACTOR TO VERIFY WATER SERVICE MATERIAL PER NOTE 4A AND IF NON-COPPER, REPLACE PER THE TYPICAL WATER SERVICE DETAIL ON SHEET CG-1. MATCH EXISTING WATER SERVICE DIAMETER IF EXISTING DIAMETER IS GREATER THEN OR EQUAL TO $\frac{3}{4}$ ". IF WATER SERVICE IS LESS THAN $\frac{3}{4}$ " REPLACE WITH 1" WATER SERVICE. IF WATER SERVICE IS VERIFIED IN FIELD AS COPPER, REFER TO NOTE 3.
2. RECORD INFORMATION INDICATE WATER SERVICE MATERIAL IS UNKNOWN. CONTRACTOR TO VERIFY WATER SERVICE MATERIAL PER NOTE 4A AND IF NON-COPPER, REPLACE PER THE TYPICAL WATER SERVICE DETAIL ON SHEET CG-1. MATCH EXISTING DIAMETER. IF WATER SERVICE IS VERIFIED IN FIELD AS COPPER, REFER TO NOTE 3.
3. CONTRACTOR SHALL BLOW BACK ALL COPPER SERVICES AFTER LINING WATER MAIN.
4. WATER SERVICE CURB STOP FOUND IN FIELD. THERE IS NO AVAILABLE RECORD INFORMATION FOR THE WATER SERVICE.
 - a. CONTRACTOR SHALL VERIFY CONNECTIVITY AND MATERIAL FROM INSPECTION AT THE METER, AND IF SERVICE MATERIAL CANNOT BE IDENTIFIED CONTRACTOR SHALL COMPLETE A TEST PIT TO VERIFY MATERIAL. TEST PIT SHALL BE PAID UNDER BID ITEM 02210.1.
 - b. IF THE SERVICE IS ACTIVE CONTRACTOR SHALL REINSTATE SERVICE PER NOTE 1 IF NON-COPPER SERVICE, PER NOTE 2 IF UNKNOWN SERVICE, OR PER NOTE 3 IF COPPER SERVICE.
5. WATER SERVICE CURB STOP NOT FOUND IN FIELD. AVAILABLE RECORD INFORMATION AND WATER SERVICE ACCOUNT INFORMATION INDICATE WATER SERVICE IS ACTIVE. CONTRACTOR SHALL VERIFY WATER SERVICE ALIGNMENT AND MATERIAL.
 - a. CONTRACTOR SHALL VERIFY WATER SERVICE ALIGNMENT AND MATERIAL FROM INSPECTION AT THE METER, AND IF SERVICE ALIGNMENT AND MATERIAL CANNOT BE IDENTIFIED CONTRACTOR SHALL COMPLETE A TEST PIT TO VERIFY WATER SERVICE ALIGNMENT AND MATERIAL. TEST PIT SHALL PAID UNDER BID ITEM 02210.1.
 - b. IF THE SERVICE IS ACTIVE CONTRACTOR SHALL REINSTATE SERVICE:
 - PER NOTE 1 IF NON-COPPER SERVICE, OR PER NOTE 2 IF UNKNOWN SERVICE, OR PER NOTE 3 IF COPPER SERVICE.
6. PROVIDE 12" DI WATER MAIN AND FITTINGS WITH VITON GASKETS FOR ALL JOINTS BETWEEN STA. 330+00 TO STA. 330+31
7. FOR ANY TEST PITS PERFORMED TO IDENTIFY EXISTING UTILITIES, CONTRACTOR SHALL TEST PIT VIA VACUUM EXCAVATION METHOD. FOR TEST PITS INTENDED TO IDENTIFY EXISTING WATER SERVICE MATERIAL, VACUUM EXCAVATION IS NOT REQUIRED.

ADDENDUM
NO. 1



DATE	APRIL 2019
PROJECT NO.	20193266.001A
DRAWN BY	KEA
CHECKED BY	MS
FILE NAME	C-ShePlan
ADDENDUM NO.	1
	MAY 3, 2019

WATER MAIN PLAN - WASHINGTON STREET
STA. 329+25 TO STA. 330+31

CITY OF SOMERVILLE, MASSACHUSETTS
WASHINGTON STREET WATER MAIN UPGRADES

ATTACHMENT NO. 2:

Unit Price Bid Form revised for Addendum No. 1

CITY OF SOMERVILLE, MA
WASHINGTON STREET WATER MAIN UPGRADES
ITEMIZED BID LIST

Item No.	Description	Estimated Quantity	Extended Total
1200.1	Temporary Utility Support and Coordination <hr/> Dollars (\$)) Lump Sum	1	\$
1200.2	Survey Construction Layout and Baseline, As-Builts <hr/> Dollars (\$)) Lump Sum	1	\$
1400.1	Quality Control and Testing Thirteen Thousand Eight Hundred dollars and zero cents <hr/> Dollars (\$ 13,800.00) Allowance	1	\$13,800
1505.1	Mobilization <hr/> Dollars (\$)) Lump Sum	1	\$
1568.1	Sedimentation and Erosion Control <hr/> Dollars (\$)) Lump Sum	1	\$
1570.1	Traffic and Pedestrian Management <hr/> Dollars (\$)) Lump Sum	1	\$

1570.2	Remote Controlled Changeable Message Sign	20	\$
	Dollars (\$) _____) per Week		
1570.3	Safety Signing for Construction Operations	1	\$
	Dollars (\$) _____) Lump Sum		
2015.1	Vibration Monitoring	1	\$
	Dollars (\$) _____) Lump Sum		
2051.1	Disposal of Construction Debris as Solid Waste	90	\$
	Dollars (\$) _____) per TON		
2051.2	Disposal of Bituminous Concrete	550	\$
	Dollars (\$) _____) per TON		
2080.1	OHM - Soil and Waste Management	1	\$
	Dollars (\$) _____) Lump Sum		
2095.1	OHM – Disposal of Soil – Less than RCS-1 (Class A)	420	\$
	Ten and 00/100 + _____ =		
	Dollars (\$10.00 + _____) per TON		

2095.3	OHM - Disposal of Soil - Daily Cover Lined Landfill (Class B-2) Fifteen and 00/100 + _____ = _____ Dollars (\$15.00 + _____ = _____) per TON	420	\$
2095.4	OHM - Disposal of Soil - Non-Hazardous Waste Asphalt Batching (Class B-3) Fifty and 00/100 + _____ = _____ Dollars (\$50.00+ _____ = _____) per TON	350	\$
2095.5	OHM - Disposal of Soil – Non-Hazardous Solid Waste (Class B-5) Fifty and 00/100 + _____ = _____ Dollars (\$50.00+ _____ = _____) per TON	70	\$
2095.6	OHM - Disposal of Soil with Debris – Non-Hazardous Solid Waste (Class B-6) Fifty and 00/100+ _____ = _____ Dollars (\$50.00+ _____ = _____) per TON	70	\$
2095.7	OHM - Disposal of Soil – Treatment of RCRA Characteristically Hazardous Soil to De-Characterize and disposal of Soil as Non-Hazardous Waste (Class C-1) Seventy five and 00/100+ _____ = _____ Dollars (\$75.00+ _____ = _____) per TON	70	\$
2140.1	Treatment of Construction Dewatering _____ Dollars (\$) _____) per DAY	5	\$
2210.1	Test Pits _____ Dollars (\$) _____) each	5	\$

2210.12	Vacuum Excavation	5	\$
	Dollars (\$ _____) per DAY		
2210.2	Control Density Fill for Backfill	25	\$
	Dollars (\$ _____) per CY		
2210.3	Over Excavation of Geotechnically Unsuitable Material	25	\$
	Dollars (\$ _____) per CY		
2210.4	Crushed Stone	25	\$
	Dollars (_____) per CY		
2500.1	Hot Mix Asphalt – Temporary Trench Patch	127	\$
	Dollars (_____) per TON		
2500.2	Hot Mix Asphalt – Base Course	330	\$
	Dollars (_____) per TON		
2500.3	Hot Mix Asphalt – Top Course	170	\$
	Dollars (\$ _____) per TON		

2500.4	Remove and Reset Granite Curb	250	\$
	Dollars (\$) _____) per LF		
2500.5	Driveways and Sidewalks	372	\$
	Dollars (\$) _____) per SY		
2615.1	12" DI Water Main	890	\$
	Dollars (\$) _____) per LF		
2615.2	10" DI Water Main	330	\$
	Dollars (\$) _____) per LF		
2615.3	8" DI Water Main	75	\$
	Dollars (\$) _____) per LF		
2615.4	6" DI Water Main	340	\$
	Dollars (\$) _____) per LF		
2615.5	Fittings, Couplings and Restraints	12,413	\$
	Dollars (\$) _____) per LB		

2615.6	FKM (VITON) Gaskets for DI (Water)	10	\$
	Dollars (\$) _____) per each		
2640.1	12" Gate Valve and Gate Box	18	\$
	Dollars (\$) _____) each		
2640.2	10" Gate Valve and Gate Box	23	\$
	Dollars (\$) _____) each		
2640.3	8" Gate Valve and Gate Box	7	\$
	Dollars (\$) _____) each		
2640.4	6" Gate Valve and Gate Box	22	\$
	Dollars (\$) _____) each		
2640.5	Air Relief Valve/Blowoff	1	\$
	Dollars (\$) _____) each		
2645.1	Hydrants	9	\$
	Dollars (\$) _____) each		

2660.1	Water Service Replacement	625	\$
	Dollars (\$) _____) per LF		
2660.2	Transfer Existing Water Service	18	\$
	Dollars (\$) _____) each		
2685.1	Temporary Bypass Piping	1	\$
	Dollars (\$) _____) Lump Sum		
2711.1	Cleaning and Cement Mortar Lining 10" Water Main	1,550	\$
	Dollars (\$) _____) per LF		
2711.2	Cleaning and Cement Mortar Lining 12" Water Main	180	\$
	Dollars (\$) _____) per LF		
2930.1	Tree Protection and Maintenance	1	\$
	Dollars (\$) _____) per Lump Sum		

Total Amount of Bid (Basis of Award) (Items 1200.1 through 2930.1,) inclusive:

\$

(Amount in figures)

(Amount in words)