

**City of Bangor**

**HAMMOND STREET PHASE II UTILITY UPGRADES PROJECT**

BETWEEN OHIO STREET AND STATE STREET

**Addendum No. 1**

October 28, 2016

To All Plan Holders:

The following changes, additions and/ or deletions are hereby made a part of the Bidding Documents for the **HAMMOND STREET PHASE II UTILITY UPGRADES PROJECT**, July 2016, as fully and completed as if same were fully set forth therein:

**Project Manual**

1. REPLACE page C-9 of Bid Form with new page C-9 (included as part of **Attachments**) into the Project Manual, which includes amended Item 34 for Miscellaneous Flowable Fill.
2. REPLACE page 59 of the General Specifications under Sanitary Sewer and Storm Drain Systems with the amended page 59.

**Attachments**

The following information is attached as part of this addendum:

1. Pre-Bid Meeting Minutes from October 21, 2016
2. Contract Questions and Answers
3. PreBid Meeting Attendee List
4. Amended Sheet 59 of General Specifications
5. Sheet C-9 of Bid Form

All other provisions of the Bidding Documents remain the same.

All Bidders shall acknowledge receipt and acceptance of this Addendum No. 1 by signing the acknowledgement of addendum form at the end of the Proposal Form. Bids submitted without acknowledgement of this Addendum shall be considered informal.

**Hammond Street Phase II Utility Upgrades Project PreBid Meeting Minutes**  
**Friday, October 21, 2016 11:00 a.m.**

**Discussion Items**

**Sewer Work**

- Description: 1000 feet of new sewer main on Hammond Street between State and Ohio Street. Replacing an existing main generally in place, combined flow, which fluctuates greatly depending on conditions. This project also includes reconnecting catch basins, adding manholes in places where there is no access, and replacing sewer service laterals to the curb line.
- The intent between State and Columbia Street is to rehab the sewer using trenchless methods. This requires manholes to be installed and positioned carefully to allow for cleaning, CCTV inspection and then relining. These lines have not been able to be cleaned due to lack of manholes so plan on heavy cleaning and several passes. If during CCTV it is found that these lines can't be relined, there is open cut pricing in the alternate bid section.
- Night work will be required between State Street and Columbia Street regardless of the sewer replacement method used. If relined, laterals would be blocked off during busy daytime until reinstated. However, with restaurants and bars open late, schedules may need to be adjusted.
- Sewer Installation upstream of Columbia Street is planned to be open cut and can be done during daytime hours.
- For rodent control: this is a lump sum bid item and the Contractor should plan to have rodent control measures on standby and ready to be quickly deployed should rodents become an issue.
- There is a new tide gate installation planned for the Central Street CSO. This work must be done during low flow and low tide.

**Electrical and Alternate Bid**

- Electrical conduit installation is included in the base bid for the intersection and extending up the Main Street sidewalk throughout the intersection and near Broad Street. The Contractor will install conduit and provide pull wires.
- City shall maintain temporary overhead power for traffic signals during the work, the Contractor must give 4 weeks notice to the City Electrical Department for startup of power.
- The City will provide the handholes to be installed for this work.
- There is an item in the alternate bid for communication conduit – planned installation along entire length of project during open cut work. The City will not provide the handholes for this portion of the work.

### **Water Main**

- This will all be open cut work and is subject to the same daytime/nighttime schedule as noted for sewer.
- Temporary service will be needed for Giacomos.
- Most of the curb stops are located in sidewalk areas.

### **Housekeeping**

- Trench maintenance will be important. Trenches in the travel way must be restored with a hard surface at end of each working week. Permanent pavement or flowable fill up to finish grade are acceptable options. Following all utility installation, contractor will be responsible for trench paving.
- Following the work, the brick sidewalks will be reconstructed by others where noted on plans. There are a few small spots that the Contractor must take care of under this contract.
- Traffic impacts need to be coordinated with Jim Buckley of Bangor Police Department. Electric signboards are required to be set up in advance of work to notify the public of upcoming traffic pattern changes.
- Erosion control – not likely a lot of earth disturbance, need to protect catch basins downstream of project area. Do not want sediment in combined system or going to outfalls.
- All contractors and subcontractors are hereby notified that the City of Bangor has entered into a Consent Decree with the United States and the State of Maine. For the purposes of the Consent Decree, contractors and subcontractors are deemed agents of the City. Any and all work performed by contractors and subcontractors must conform with the terms of the Consent Decree. Contractors must familiarize themselves with the contents of the document and must make the document available to all subcontractors. This document is available electronically at [http://www.bangormaine.gov/filestorage/318/350/7758/ENV\\_ENFORCEMENT.PDF](http://www.bangormaine.gov/filestorage/318/350/7758/ENV_ENFORCEMENT.PDF) or in hard-copy in the City of Bangor's Engineering Department.

### **Special Funding Requirements**

- The project is funded by the Clean Water State Revolving Fund (CWSRF). Davis Bacon Wage Rates, the American Iron and Steel Act of 2014, labor interviews, certified payrolls, installation of a project sign and project postings, and DBE goals are all applicable to this project.

### **Timeline**

- Completion Date: September 2, 2017
- Bid Opening: Wednesday November 9, 2016, 2:00, City Hall Council Chambers
- All questions must be submitted in writing to [bids@bangormaine.gov](mailto:bids@bangormaine.gov), no later than Thursday, October 27, 4:30 p.m. All questions and answers will be issued in the form of an addendum upon approval by DEP. The addendum will also include meeting minutes from the prebid meeting and the prebid sign in sheet.

### **Attendee Q&A**

For a complete listing of all questions received at the meeting and during bidding, please see Contract Questions and Answers, included in the attachments to Addendum 1.

**Hammond Street Phase II Utility Upgrades Project**  
**Contract Questions and Answers**

*1. Is temporary removal of water services allowed during sewer main installation?*

The contractor may remove water services during sewer installation since all water services are to be renewed as part of this project. However, BWD policies must be followed and proper notifications must be given to affected customers.

*2. What are plans for roadway concrete and repaving after work?*

Refer to the notes under the utility trench detail on plan sheet C6.

*3. Is there a pay item for cutting roadway concrete and backfilling with flowable fill as noted on the detail sheet?*

Each of these items shall be considered incidental to the pipe trenches.

*4. How many electronic signboards should there be and for how long in advance should they be installed?*

Three electronic signboards should be installed: 1 each on Central Street, Main Street, and Hammond Street near Ohio Street. They should be installed at least 2 weeks in advance of work and remain for the duration of the project. This is incidental to Item 1, Traffic Control.

*5. Will Hammond Street be allowed to be closed in segments as the work progresses up the hill?*

The Contractor will be required to keep the in-bound lane open during normal operations of work. If there are times where work does not allow for the in-bound lane to remain open, it may be closed with permission of City Engineer.

*6. What will be the basis of award?*

The award of the contract will be based on the lowest responsive bidder, which will be determined by the sum of the base bid plus the alternate bid.

The preferred method of rehabilitation for sewer as noted on the plans downstream of Columbia Street is trenchless. Some of the items under the alternate bid and base bid will be substituted depending on which sewer rehabilitation method is chosen. The items on the alternate bid are not a "premium" for the difference between going to open cut from trenchless, they should be stand-alone bids for whichever method of work is utilized.

*7. Can the City amend the bid item for flowable fill?*

The City will amend Item 34 for "Miscellaneous Flowable Fill" and issue a new page of the bid form. Instead of a lump sum quantity, this will be changed to be a bid quantity of 1000 cubic yards. This item will be used to abandon pipes in the travel way, backfill under other utilities, or as directed by engineer, and does not include any flowable fill not already specified to be included as part of trench backfill. Any flowable fill that has already been specified to be part of trench backfill shall be included in the payment for the pipe item.

*8. Can an item be added for fittings for water main line?*

The City has discussed the option of adding an item for water main fittings with the Water District. The Water District wishes to keep fittings incidental to the watermain work.

*9. What work does the City want to happen this fall?*

At the Contractor's option, during the fall the Contractor could begin installation of the first 4 doghouse manholes and begin cleaning and CCTV work to evaluate which method of sewer rehabilitation will be used. The Central Street tide gate could also be installed. Backfill around manhole installations for the winter can be flowable fill up to grade and cold patch if necessary.

*10. Will the Contractor be required to shut down for holidays or waterfront concerts?*

The Contractor will need to shut down and have the excavations backfilled and restored with a hard surface for events such as holiday parades, or other large events as directed by City Engineer. It is not anticipated that the Contractor will need to shut down for waterfront concerts. It is not anticipated that there will be many large events that will require a shutdown.

HAMMOND STREET PHASE II UTILITY UPGRADES PROJECT

Pre Bid Meeting: October 21, 2016 11:00 a.m.

Attendee Name:	Company:	Phone:	Fax:	Email:
1 TIM SMITH	CITY OF BANGOR	356-4031		tim.smith@bangor.maine.gov
2 PAT DUBAY	SARGENT CORP	827-4435	827-3148	PDUBAY@SARGENT-CORP.COM
3 Stan Neo Nikka	S.E. Neo Nikka	852-4852		
4 Rick Merrithew	S.E. Macmillan Co.	745-0538		
5 MATHEW KLADDER	LOU SILVER INC	745-7297		matthew@lousilver.com
6 Kevin Hutchinson	Maine Earth	862-4300	862-4339	INFO@mainearth.com
7 Phil D'Agostino	Baker Corp	603-851-2987		pdagostino@bakercorp.com
8 Chip Swen	City of Bangor	659-4747		Chip.Swen@bangor.maine.gov
9 JOHN THERMONT	"	992-4249		JOHN.THERMONT@BANGOR.MAINE.GOV
10 JEFF BEERS	"	356 2471		JEFF.BEERS@BANGOR.MAINE.GOV
11 AMANDA SANCHEZ	City of Bangor	992-4244		amanda.sanchez@bangor.maine.gov
12 Les Marie	Bangor Contracting	509-5766	-	Les@Bangor-contracting.com
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- A. Notify Engineer when necessary measurements must be taken. Do not proceed until measurements have been taken.

#### 4.2 SCHEDULE OF PAYMENT ITEMS

##### Bid Items 20-25: Lateral, Sewer, or Storm Drain (Various Sizes)

- a. Payment: Unit price per each linear foot as stated in Proposal
- b. Measurement: Linear feet as measured along the horizontal projection of the centerline of the pipe; measured from and to inside face of manhole in the case of mainline or along the horizontal projection of the centerline of the pipe from the main sewer line to the connection point.
- c. Includes: cleaning, sawcutting of existing pavement or abandoned trolley tracks, excavation, compaction, stone bedding, backfill, roadway base and subbase, roadway concrete, fittings, shoring, and bracing, dewatering, cleaning, pipe, fittings, brick and concrete collars, connections to existing mains, concrete encasement or pipe sleeves in case of eligible sewer main crossing of water mains, testing, and incidentals as shown on the Drawings or as required.

##### Bid Item 34: Miscellaneous Flowable Fill

- a. Payment: Unit price per cubic yard as stated in the Proposal.
- b. Measurement: Paid for by cubic yard placed.
- c. Includes: Furnishing all materials, equipment and labor necessary to completely fill any abandoned main line underneath major roadways not removed during installation of new pipe with flowable fill, as shown on the Drawings or as directed by the Engineer.

END OF SECTION

Item No.	Estimated Quantity	Description, Unit or Lump Sum Price Bid In Both Words and Figures	Total Price In Figures
30.	25 VF	8' Ø Standard Sanitary Sewer Manhole Unit Price per vertical foot of  _____ Dollars  per vertical foot (\$_____) / VF	\$ _____
31.	24 VF	8' Ø Doghouse Sanitary Sewer Manhole with Boltdown Cover Unit Price per vertical foot of  _____ Dollars  per vertical foot (\$_____) / VF	\$ _____
32.	12 VF	10' Ø Doghouse Sanitary Sewer Manhole with Boltdown Cover Unit Price per vertical foot of  _____ Dollars  per vertical foot (\$_____) / VF	\$ _____
33.	500 SF	2" Rigid Insulation Unit Price per square foot of  _____ Dollars  per square foot (\$_____) / SF	\$ _____
34.	1000 CY	Miscellaneous Flowable Fill Unit Price per cubic yard of  _____ Dollars  per cubic yard (\$_____) / CY	\$ _____
35.	3 EA	Abandon Existing Structure in Place Unit Price per each of  _____ Dollars  per each (\$_____) / EA	\$ _____