

201435
10f5

Veronica Gee

From: Stanley Koty
Sent: Wednesday, May 18, 2016 4:16 PM
To: Veronica Gee
Subject: FW: Medford/Pearl Sewer Replacement
Attachments: Medford-Pearl Sewer ESDC Proposal_031816.pdf; IFB 16-74 Medford and Pearl Streets Sewer Replacement.pdf

Please give him this email with attachments for his meeting tonight. Thanks!! ~C

From: Bryan Manter
Sent: Wednesday, May 18, 2016 4:07 PM
To: Christine Morin; Charles Quigley
Cc: Stanley Koty
Subject: Medford/Pearl Sewer Replacement

Hi Christine,

Consultant estimate for construction = \$200,000 (IFB attachment)

City bumped up to \$265,000 (based on review of design allowing for more contingency)

Engineering Construction Services (site inspection) = \$45,000 (Medford-Pearl attachment)

Total = \$310,000 (265,000 + 45,000)

201438
20f5

SECTION 01010

SUMMARY OF WORK

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 1 specification sections, apply to this section.

1.2 LOCATION OF WORK

- A. The work for the Contract is located in the City of Somerville primarily on Medford Street east of School Street and extending onto Pearl Street. The work consists of removal and replacement of approximately 80 linear feet of brick gravity sewer and two (2) brick manholes.

1.3 SCOPE OF WORK

- A. Furnish all labor, materials, equipment and incidentals to remove and replace the existing gravity sewer and manholes complete and ready for operation as indicated on the Drawings and specified herein.
- B. A general description of the Work to be performed under this Contract shall include, but will not be limited to the following construction operations:
 - 1. Coordination with public and private utilities for the protection and support of their facilities as may be required.
 - 2. Coordination with Eversource Electric and support for relocation of the electrical service at Sta. 1+13.
 - 3. Installation of PVC sewer with related manholes
 - 4. Removal and reconnection of existing services which connect the Work of this Contract.
 - 5. Demolition of existing structures and pipes.
 - 6. Grout sealing of existing pipe penetrations through the storm drain.
 - 7. Disposal of excess geotechnically unsuitable excavated material.
 - 8. Vibration monitoring and installation of structure, ground, and utility monitoring points.

201435
3 of 5

9. Reuse geotechnically suitable excavated material on site as backfill and dispose of excess material from excavation not required for fill or backfill as specified, and to the satisfaction of the Owner.
 10. Trench pavement restoration.
 11. Replacement of disturbed pavement markings.
- C. The work shall conform to such additional drawings, specifications and addenda to these Specifications and Drawings as may be published or exhibited prior to the opening of Bid Proposals or as may be furnished by the Engineer from time to time during the construction.
- D. Work and materials which are necessary in the construction but which are not specifically referred to in the Specification, or shown on the Drawings, but implied by the Contract shall be furnished by the Contractor and included in the Contractor's Unit and Lump Sum Prices Bid. The work and materials shall be such as will correspond with the general character of the work as may be determined by the Engineer, whose decisions as to the necessity for and character of such work and materials shall be final and conclusive. It is the intent of these specifications to produce a complete, finished job whether shown in every detail or not.
- E. For the purposes of this Contract, anywhere the term "Temporary" is used in the Specifications, in the Plans, in Contract Addenda, in any revisions made to the Contract Documents at any time prior to or during construction, verbally, in writing, in change orders or work change directives or at any other time whether listed here or not, it shall be taken to mean "Temporary" only as it relates to the duration of the Contract. All repairs, restoration, and construction shall be considered permanent.

1.2 CONSTRUCTION SEQUENCE

Inclusion of the following sequencing restrictions does not relieve the Contractor from its responsibility to complete the Work with the specified contract duration, nor does it relieve the Contractor from its responsibility to sequence and carry out the work so as not to cause harm to the existing systems, environment, or community.

- A. Pre-construction Survey
- B. Establish baseline Sedimentation and Erosion Control
- C. Establish baseline Geotechnical Instrumentation and Monitoring
- D. Mobilization

201435
4 of 5

- E. Establish advance warning Traffic Management
- F. Layout of site work and survey control
- G. Prior to installation of the Work the Contractor shall verify the relocation of any existing utilities that are scheduled for relocation, coordinate with the responsible utility, and relocate those utilities which are the Contractor's responsibility as per these Contract Documents.

1.3 UNDERGROUND UTILITIES

- A. The underground utilities shown on the plans have been located primarily from information furnished by others and are considered approximate both as to size and location. There may be additional utilities to be encountered that are not shown on the plans, and it shall be the Contractor's responsibility to locate all existing utilities and to protect same from damage or harm. All utilities interfered with or damaged shall be properly restored, at the expense of the Contractor, as required by Owner. Unapproved service interruptions will not be allowed. Refer to Specification Section 01200 for additional utility coordination information and requirements.

1.4 SURFACE RESTORATION

- A. Any damage to the pavement, curbing, or sidewalks outside of the limits of excavation and excavation support as defined in the Contract Documents shall be the responsibility of the Contractor and all costs associated with the repair of the excavation, sub-base, pavement, curbing, and sidewalks shall be fully borne by the Contractor. Repairs shall be immediately made by the Contractor as per the Contract Documents and as required by the Engineer.

1.5 HOURS OF WORK

- A. The hours of work shall be Monday through Friday, 7:00 a.m. – 8:00 p.m. excluding City of Somerville Holidays. For additional hours restrictions, refer to Specification Section 01063 – Sequencing of Work.
- B. During non-work hours (8:00 p.m. – 7:00 a.m. weekdays; weekends and holidays), the Contractor shall make the following provisions:
 - 1. Access to all properties shall be maintained. Work zones shall be clean, protected and safe. The Contractor shall minimize the amount of parking restrictions.
 - 2. At the end of each work day, the Contractor shall backfill and pave and/or place steel road plates over all excavations so as to maintain emergency vehicle and pedestrian traffic access and flow. Under no circumstances will open excavations be allowed during non-work hours. All parking will be given back to the community and businesses

201435
5 of 5

during non-work hours. Work zones shall be cleaned, protected and made safe.

1.6 CONTRACTOR USE OF PROJECT SITE

- A. The Contractor's use of the project site shall be limited to its construction operations, including on-site storage of materials, and on-site fabrication facilities.
- B. The Contractor shall determine the location(s) of the staging area(s) to be used for this project and shall obtain approval of the location(s) from the City of Somerville prior to any mobilization activities. The Contractor shall not store equipment or materials on private properties, without prior negotiations with the property owner. The Contractor shall not store any materials on Medford Street or Pearl Street during non-working hours.
- C. The Contractor shall maintain access to street parking and driveway parking and access to all properties and businesses outside the work zone during off work hours.

1.7 LIST OF DRAWINGS

- A. The location, general characteristics, and principal details of the work are indicated on a set of drawings entitled "MEDFORD STREET AT PEARL STREET SEWER REPLACEMENT".
- B. The drawings stated above are the Contract Drawings, sometimes referred to herein as the "Drawings." Additional drawings showing details in accordance with which the work is to be done may be furnished from time to time by the Engineer, if found necessary, and shall then become a part of the Drawings.

PART 2 – PRODUCTS (Not Used)

PART 3 – EXECUTION (Not Used)

PART 4 – COMPENSATION (Not Used)

END OF SECTION 01010