

THE CITY OF WALTHAM
MASSACHUSETTS

PURCHASING DEPARTMENT

***DESIGN, ENGINEERING SERVICES
FOR SEWER IMPROVEMENTS, AREA 5A
WALTHAM, MASSACHUSETTS***

ADDENDUM NO.2

December 15, 2015

CHANGES, CORRECTIONS AND CLARIFICATIONS

The attention of bidders submitting proposals for the above subject project is called to the following addendum to the specifications. The items set forth herein, whether of omission, addition, substitution or clarification are all to be included in and form a part of the proposal submitted.

THE NUMBER OF THIS ADDENDUM (NO. 2) MUST BE ENTERED PAGE 32 AT THE END OF THE BID PRICE SECTION

ITEM 1: ANSWERS TO POSED QUESTIONS

Q1. On Page 4 of the RFP it is stated that the selected professional engineering firm would provide assistance to the City in project bidding and bid evaluation. There is no line on the Price Sheet in the RFP for bidding. Is this work to be built into the cost for Design, and input on the Price Sheet?

A2. The bidding assistance should be built into your design cost. The bidding assistance is limited to the provision of specs, drawings, form for general bid, bid checks, reference checks, answering technical questions and award recommendation

Q2. On Page 4 of the RFP it states that the engineering firm will obtain necessary approval and permitting from the City of Cambridge Watershed Management, Waltham Conservation Commission. Are these authorities representative of the proposed project?

A2. Please ignore any references to the City of Cambridge. Your company is responsible for obtaining all of the permitting from the City of Waltham.

Q3. On Page 4 of the RFP it states that the 90% preliminary and 100% final design will be submitted 90 days and 120 days from the NTP, respectively, with construction to take place in the summer of 2016. As the bulk of the project requires sanitary sewer evaluation including flow

monitoring and smoke testing, the requested schedule for delivery of design documents does not seem feasible. For instance, smoke testing is typically performed in the summer when flows are low and rain is infrequent.

A3. The replacement of the sewer main segment between Valley View Road and Oakley Lane on Beaver Street is to be constructed next summer, 2016 when the public schools are not in session.

Estimated timeline for SSES work ,

- Flow metering, spring 4-6 weeks depending on precipitation and manhole inspections
- Summer, CCTV and Smoke testing
- Final findings on SSES to City by end of August 2016
- Sewer system rehabilitation Fall/ Winter, weather permitting
- Post flow metering, spring 2017 and Lyman Street relief sewer segment if necessary.

Q4. Task 2 in the Scope of Work on Page 6 of the RFP requires smoke testing. Is the intent to smoke test the entirety of the 10,700 LF of sewer in Area 5A?

A4. Yes, the entire area is to be smoke-tested.

Q5. Task 2 in the Scope of Work on Page 6 of the RFP requires flow metering at one location pre and post rehabilitation. Is there a preferred duration, and season for the flow metering?

A5. Flow metering in the spring for 4-6 weeks depending on precipitation. Post metering, spring 2017 4- 6 weeks, depending on precipitation and completion of the rehab work.

Q6. Task 3 in the Scope of Work on Page 7 of the RFP requests the inclusion of 500 feet of instrument survey at up to 10 locations for plan and profile. Does that mean 500 feet of survey over 10 locations, or 500 feet of survey at each of 10 different locations?

A6. No instrument survey is required for SSES work. Instrument / on the ground survey is required for the sewer segment replacements. (Beaver Street and Lyman Street) Area 5A sewer rehab can be delineated on City GIS maps.

Q7. Task 4 in the Scope of Work on Page 7 of the RFP requests a feasibility analysis as to the cost effectiveness of designing a relief sewer nearest to Beaver Street and Valley View Road. Does the City have a hydraulic model of the sewer system in this area that could be provided to the awarded consultant for use in the feasibility analysis

A7. Yes, the City has a hydraulic model of the sewer system. We have it in the SWMM software. The model will be made available to the selected firm for this project.

Q8. Task 7 in the Scope of Work on Page 7 of the RFP discusses requested construction oversight coverage. Will construction administration services (i.e., shop drawing review, payment requisition processing, change order reviews, etc.) also be requested? Can a set value of expected hours be provided so as to provide pricing? It is difficult to estimate construction oversight/administration coverage without first knowing the scope of the bid construction.

A8. The City estimates that the Construction Administration for this proposal will be 85 hours for the sewer main work, and 275 hours for the sewer rehab work.

Q9. On Page 11 of the RFP, Condition 7 of the Comparative Evaluation Criteria involves demonstration of the firms experience innovative energy methods. These criteria do not apply to sewer rehabilitation construction. Is this truly relevant to the requirements of the RFP, or can it be stricken from the evaluation criteria?

A9. Innovative Energy criteria do not apply to this project.

Q10. The figure provided with the RFP depicts Area 5A to encompass sewer segments that appear to be on the campus of Bentley University. Given that this sewer system is on private property, and does not contribute to Area 5A as a sewer shed, should this Area 5A sewer shed area delineation be revised?

A10. Area 5A does not include sewer mains on the Bentley University campus. A revised locus map is being provided.

End of Addendum 2

Legend

- Sewer Manhole
- Sewer Line
- Sewer Mains to be Replaced/Installed
- - - Easement Lines
- ⬡ I&I Area 5A
- Building Footprints
- Parking Lots
- Inpaved Area
- Vegetated Area

1 inch = 450 feet
900 450 0 Feet



I&I Investigation Area 5A:
73 Sewer Manholes
10,708 Feet of Sewer Pipe

Area Not
Included In
Scope Of Work

Replace @ 270 Feet of
Sewer Pipe Between Valley
View Road and Oakley Lane

Evaluate and design if necessary
a relief sewer from @645 Beaver
Street to dead-end sewer on Lyman
Street

CITY OF WALTHAM
Engineering Department
Office of the City Engineer
Stephen A. Casazza, P.E., City Engineer

**I&I Investigation
Area 5A and
Sewer Relief Alternatives**

Document Path: G:\Maps\Valley View Road Sewer Replacement.mxd