

THE CITY OF WALTHAM  
MASSACHUSETTS

PURCHASING DEPARTMENT

**Capacity, Management, Operation & Maintenance (CMOM)  
Program Assessment and Corrective Action Plan Consultant**

**ADDENDUM NO. 2**

December 4th, 2019

**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 ACKNOWLEDGED IN THE BID PRICE SECTION

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**ITEM 1: ANSWERS TO POSED QUESTIONS**

**Q1.** How many copies of submittal are required?

**A1.** Please provide 4 copies of submissions each printed single sided and stapled in upper left corner.

**Q2.** Is there currently a budget set for the CMOM program by the City?

**A2. No.** Once the City selects a successful consultant, a funding request will be made to the City Council.

**Q3.** Please clarify the time table of deliverables / submissions to the City.

**A3.**

- 50% progress meeting at 100 days from NTP
- 50% preliminary draft report submission at 135 days from NTP.
- 90% draft CMOM Program Assessment and Corrective Action Plan submitted 270 days from NTP.
- Final 100% submission to MassDEP to be made 120 days after receiving comments from the City and MassDEP on the 90% submission (420 days from NTP +/-).

**Q4.** Are there currently I/I control measure in place within the City?

**A4.** As part of the ACO, a “Sewer Bank” has been established which requires removal of 4 gpd of I/I to be removed for every 1 gpd added to the sanitary sewer system. The City has also conducted sewer system evaluation studies (SSES) on a number of sewer sheds and included capital improvement projects aimed at removing I/I identified in the SSES. These I/I control measures, among any others, will be reviewed by the successful consultant as part of the CMOM program.

**Q5.** Does the City currently have a hydraulic model of the sewer system? Will it be provided for review?

**A5.** Yes, the City has an existing hydraulic model of the sanitary sewer collection system. It was originally created using SWMM software in 2010 and then updated in 2014. The model is available for download, the link is provided as part of answer to question 10. The 2014 update to model was done of part of Phase 1 Assessment. That document is also available for download.

**Q6.** Are there assumptions included within the current model, for example does the model exclude pipes under a certain diameter?

**A6.** Yes, the existing model excludes pipes under 8” in diameter.

**Q7.** How much reliance will be made upon existing model? Will the City let consultant calibrate existing model or will new model be generated?

**A7.** The existing model can be used as a base, but all changes to the collection system since 2014 must be incorporated in to the update/new model

**Q8.** Does the GIS system depict entire sewer system?

**A8.** Yes the GIS system depicts the entire sewer system as it is known to exist. The GIS was built incorporating data from record plans and some on-the-ground GPS survey to generate an accurate conceptual representation of the existing sanitary sewer collection system.

**Q9.** Please provide a map of the existing sewer system.

**A9.** See the attached map generated from GIS.

**Q10.** Per the City’s CMOM RFP, there is pertinent background information relative to the City’s Sewer Collection System which will be provided via a drop box.

- City of Waltham – Sewer System Facilities Plan and Hydraulic Model – April 2011 Volume I & 2
- City of Waltham – Wastewater Collection System Operation & Maintenance Plan March 2011
- City of Waltham – Phase 1 Assessment Report December 2014

**A10.** These documents are available to be downloaded. Please visit the following link

<https://drive.google.com/open?id=1A9IynDwQEci0OAOHVKBTHzC6cGLEAo1>

**Q11.** At Monday's (December 2, 2019) Project Briefing at 10:00am it was mentioned that the Consultant is to submit the EPA "CMOM Program Self-Assessment Checklist" as part of the Proposal that is due on December 10, 2019. This is typically completed as part of the CMOM Plan development, as it requires data and information from Waltham to be provided to the Consultant. Please clarify.

**A11. The Checklist is not part of the proposal due on Dec. 10, 2019.**

**ATTACHMENT**

- **MAP of Existing Sewer System generated from GIS**

**End of Addendum 2**

**Legend**

■ Flow Eq Chamber	■ Basketball Court	□ Paved
■ MWRA Sewer Meter	■ Other	□ Unpaved
■ Pump Station	■ Athletic Field	■ Water Bodies
● Regulator	■ Track/Other Surface	
● Sewer Manhole	■ Playground	
○ Wet Well	■ Spray Park	
— Sewers 18" and Above	■ Tennis Court	
— Force Main	■ Cemetery	
— Gravity Main	■ Park	
— Rail Lines	■ Vegetated Areas	
■ Building Footprints		

1 inch = 900 feet

0 900 1,800 3,600 Feet



WESTON

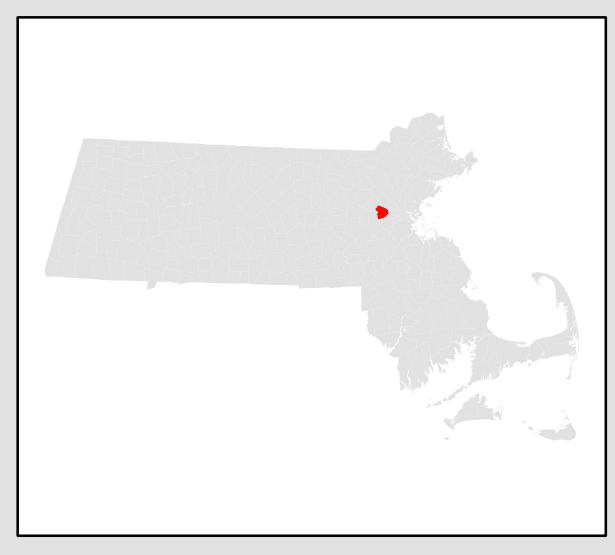
LEXINGTON

ARLINGTON

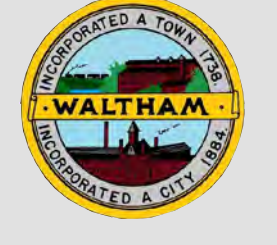
BELMONT

WATERTOWN

NEWTON



**SEWER SYSTEM MAP  
CITY OF WALTHAM**



**DISCLAIMER:**  
This map is for reference and planning purposes only. It is prepared for the inventory of real property within the City of Waltham and is compiled from tax maps, recorded deeds and plats. Users of this tax map are hereby notified that the aforementioned public primary information sources should be consulted for the verification of the information contained on this map. The City of Waltham and its mapping contractors assume no legal responsibility for the information contained herein.

**DATA SOURCE:**  
The digital planimetric base map data was developed by Chas H Seiff, Inc. and is based on spring 2015 1" = 40' scale color orthophotographs. Locations of MWRA sewer mains and meters are approximate.