



Elizabeth Unger
Purchasing Agent

City of Cambridge

PURCHASING DEPARTMENT

SHUO WANG
Assistant Purchasing Agent for
Goods & Services

NATALIE SULLIVAN
Assistant Purchasing Agent for
Design & Construction

TO: All Bidders

FROM: City of Cambridge

DATE: November 2, 2023

**RE: File No. 11252 – SCADA System Upgrade Walter J. Sullivan Purification Facility -
Addendum No. 2**

This addendum is comprised of the following:

- 1. Pre-bid Meeting Minutes (Attached)**
- 2. Pre-bid Meeting Attendance list (Attached)**
- 3. Pre-bid Meeting Agenda (Attached)**

All other details remain the same.

Elizabeth Unger
Purchasing Agent

Addendum No. 2



Prebid Meeting Minutes

City of Cambridge, Massachusetts - Water Department Walter J. Sullivan Water Purification Facility SCADA System Upgrade

Prebid Meeting Minutes

File No.: 11252

Date: October 26, 2023 (Thursday)
Time: 1:00PM EST
Location: Walter J. Sullivan Water Purification Facility, Conference Room
250 Fresh Pond Parkway, Cambridge, MA 02138

1. A sign-in sheet was distributed. A copy is attached to these minutes.
2. Cambridge Water Department (CWD) and CDM Smith attendees were introduced. The Prebid Meeting Agenda (attached) was reviewed.
3. Key bidding dates are specified in the contract documents and in the Agenda. The project is being bid under Ch. 149, requiring an Electrical DCAMM certified contractor to act as the General Contractor. There is one Add Alternate for improvements to the Dissolved Air Flootation (DAF) Control System. There are no filed sub-bids.
4. The objectives of the project were discussed:
 - a. The Walter J. Sullivan Water Purification Facility (WPF) SCADA system has not been updated since initial installation in about 1999, when the WPF was first placed on-line. The work includes the addition of a SCADA Room and upgrades to control panels throughout the facility.
 - b. The SCADA Room is to be constructed within the existing Control Room and with a dedicated air-conditioner.
 - c. Every main Control Panel system is being upgraded as part of the Base Bid project except for the Ozonation system and the Plate Settler system. Upgrades to the Control Panel of the DAF system is being bid as an Add Alternate. Improvements to the subject systems are for communications only.
 - d. Discussion on MOPO (maintenance of plant operations) included the following:
 - i. Section 011216 outlines the criteria, sequencing, and constraints to allow Maintenance of Plant Operations (MOPO).

Cambridge Water Department - SCADA System Upgrade

File No.: 11252 |

Prebid Meeting Agenda

October 26, 2023

- ii. The drinking water supply to the City must remain operational during this project. Temporary downtime from the facility's online hours can be requested using the approach outlined in the specifications. Downtime should be limited and requires coordination with the Owner.
 - iii. For PLC conversions, Rockwell's conversion chassis system is to be used to reduce downtime and errors.
 - e. The construction period is 24 months.
5. The meeting was followed by a tour of the WPF.

ATTACHMENTS:

- Prebid Meeting Attendance List
- Prebid Meeting Agenda

ATTENDANCE LIST

City of Cambridge, Massachusetts - Water Department
 Walter J. Sullivan Water Purification Facility
 SCADA System Upgrade

File No.: 10557B
Contract Date: November 2023
Date: October 26, 2023 (Thursday)
Time: 1:00 PM EST
Location: Walter J. Sullivan Water Purification Facility
 Conference Room
 250 Fresh Pond Parkway
 Cambridge, MA 02138

Attendee	Company	Phone	E-mail
Allan Cheung	Cambridge Water	617-349-4783	acheung@cambridgewater.com
Brent Marquette	J.F. White	774-245-9406	bmarquette@jwhite.com
Mohamed Poptani	DM Smith	(17) 994-4037	poptani.mn@dm-smith.com
Julie Greenwood-Torelli	CWD		
Tim Lita	CWD		
Mark Callaghan	CWD	617-349-7754	mcallaghan@cambridgewater.com

AGENDA

City of Cambridge, Massachusetts - Water Department Walter J. Sullivan Water Purification Facility SCADA System Upgrade

Prebid Meeting Agenda

File No.: 11252

Date: October 26, 2023 (Thursday)
Time: 1:00PM EST
Location: Walter J. Sullivan Water Purification Facility, Conference Room
250 Fresh Pond Parkway, Cambridge, MA 02138

1. Project Objective:

Upgrade the Supervisory Control and Data Acquisition (SCADA) System including associated electrical, HVAC, and architectural modifications:

- Construct New SCADA Room inside the existing Control Room with dedicated air conditioner.
- Other Work included in Contract Documents.

2. Key Contacts:

- All communications and bid questions must be submitted in writing or emailed to the Office of Purchasing Agent, Elizabeth Unger, 5 Bigelow Street, Cambridge, MA 02139 or via email at purchasing@cambridgema.gov

3. Key Dates:

Event	Date	Time	Location
Pre-Bid Meeting	October 26, 2023	1:00 PM	WJS WPF, Conference Room
End of Gen-Bid Question Period	October 27, 2023	4:00 PM	N/A
Bid Opening	November 16, 2023	2:00 PM	City Hall, Ground Floor Conference Room

4. Maintenance of Plant Operation (MOPO):

- Contractor is required to develop a workplan for phasing of project as part of Maintenance of Plant Operations (MOPO) required in Section 011216 Construction Sequences and Constraints.
- Owner will occupy project site building(s) during entire construction period. Cooperate with Owner during construction to minimize conflicts.
- On-Site Work Hours: 7AM-3PM, Monday through Friday, unless modified hours are approved by Owner.
- Downtime defined as reduced treatment or pumping capacity from normal operations of 24MGD or inability to operate the facility from SCADA in automatic mode.
- Downtime shall not last more than 8 hours in a 24-hour period and must take place no more than once in a 24-hour period after Notice of Need is approved.