



# City of Cambridge

## PURCHASING DEPARTMENT

795 Massachusetts Ave. • Cambridge, Massachusetts 02139-3219

Amy L. Witts  
Purchasing Agent

**TO:** All Bidders

**FROM:** City of Cambridge

**DATE:** June 12, 2015

**RE:** File No. 6860 –Stormwater Quality Sampling Stations & Scada Expansion Project-  
Addendum No. 3

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The following questions were submitted and answered including 2 attachments.

**Q1.** Who is programming the PLC and SCADA system? It would appear that the Engineer is responsible for this portion of work, but the specifications is not clear.

*A1. The Engineer is responsible for programming the PLCs for the Flush Vault SCADA Upgrades and all back of house programming at the SCADA terminal located at Cambridge DPW offices. Contractor is responsible to support these efforts per Section 17100-3.2.B.2 and 17100-3.8.B.*

**Q2.** Reference Section 17100-19, 3.10. Engineer should review “Criteria for Substantial Completion”

- a. Punchlist done
- b. Record Drawings
- c. Cleanup

*A2. Punchlist refers to the completion of a “list of incomplete or unsatisfactory work” as required by Section 00800, Article 14.1. Record Drawings refers to an “as-built” record of conditions as required by Section 00800, Article 15.2; Section 00825A, Article 38; and Section 017100-1.2.D. Cleanup is required by Section 16050-3.5*

**Q3.** Reference Section 17100-20, Part 4. This part is in direct conflict with Section 0800. Please advise which is correct.

*A3. Monthly progress payments equal to the percent complete of Lump Sum items will be made per the Schedule of Values. Refer to Section 00800-5.15.1.3 and 00800-13.1.*

**Q4. Are loop drawings required? This requirement has not been required by the City on past projects.**

**A4. Yes**

**Q5. Reference Drawing E-1, no specification for E&H Capacitance Flood Switch.**

**A5. Manufacturer make and model is indicated on Drawing E-3, Item 25 in the Sample Bill of Materials.**

**Q6. Reference Drawing E-1,2,3,4,5. Are these drawings pertaining to:**

- a. Columbus Ave.**
- b. Cambridge Park Drive**
- c. Alewife Stormwater Wetland**
- d. Sparks Ave**
- e. Western Ave**

**A6. Correct. Drawings E-1 thru E-6 apply to the Storm Water Quality Sampling Stations at these locations, as denoted by use of the "SWQSS" abbreviation in those drawing titles and annotations on the C sheets which call out those corresponding E sheets.**

**Q7. Is aluminum in lieu of stainless steel acceptable for pedestal noted on E-3? Stainless steel will be very expensive in these size enclosures.**

**A7. Provide stainless steel as noted on the drawings.**

**Q8. Reference E-7. List of Materials calls for Item 28. This item not on wiring diagram or layout drawing.**

**A8. Do not provide if not on wiring diagram or layout.**

**Q9. Previous projects have included a Moxa EDS-205A Ethernet switch on the list of materials for E-7 and E-13.**

**A9. Provide noted ethernet switch.**

**Q10. Eversource (previously Nstar) will not have any costs for construction until work orders are applied for, they assign an Eversource Engineer and a site meeting is arranged.**

**A10. The City has obtained Eversource work orders and had reviews conducted for each site by their Engineer. See attached work order forms where conduit is to be installed, and reference the following work order numbers and fees that will be assessed for each site. (Please note that the CambridgePark Dr location is fed by the Cambridge Electric grid and does not require a permit or fee to activate the electrical service. )**

- a. Western Ave #2065709 Fee=\$2,881.00**
- b. Sparks St #2065717 Fee=\$0.00**

c. Columbus Ave #2065733 Fee=\$0.00

**Q11. Can we assign a bid allowance for Columbus Ave., Sparks Street, Cambridge park Drive & Western or have the requested for the cost removed out of the bid requirements in order to be added after the award as a change order based on actual costs??**

*A11. The Contractor is welcome to contact the City's liaison at Eversource, Pam Pandolfi (508-305-6863; [Pamela.Pandolfi@eversource.com](mailto:Pamela.Pandolfi@eversource.com)) with any questions regarding the cost of Eversource permitting and fees.*

**Q12. Please further define the scope of work associated with item 2080.1 Soil and Waste Management.**

a. The Kleinfelder Environmental Conditions assessment indicated that there was no evidence of a release of oil and/or hazardous waste or an environmental condition at the subject property. Specification section 02080 indicates that if hazardous materials are encountered that they are to be reused on site otherwise they are to be removed and disposed. The Kleinfelder report indicates that hazardous materials will not be encountered.

b. Does this bid item include testing, excavation, handling, storage, removal and disposal of contaminated materials even though the Kleinfelder report indicates that hazardous materials should not be encountered? Or will hazardous material excavation, handling, storage, removal and disposal be handled as a change order to the project?

c. Will the owner be responsible or testing existing soils for contamination?

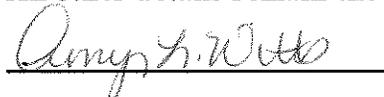
d. Will backfilling excavations with hazardous materials be acceptable as indicated in section 02080?

*A12. Hazardous materials are not anticipated; however, Section 02080 includes requirements for hazardous materials in the event that they are encountered. Contractor may assume that the soils will be a mix of Class A and Class B soils. Any Class C hazardous waste encountered will be handled as a change order, which could require disposal or allow reuse as backfill at the excavation of origin. The Contractor is responsible for testing of soils under the 2080.1 bid item.*

**Q13. Where is the by-pass required? If required please provide flow rates and locations for suction and discharge.**

*A13. Refer to Section 02761-2.2.B. The Flow Bypass specification is only intended to govern the isolation and dewatering of drain manholes during the installation of sampling elements in the storm drain system.*

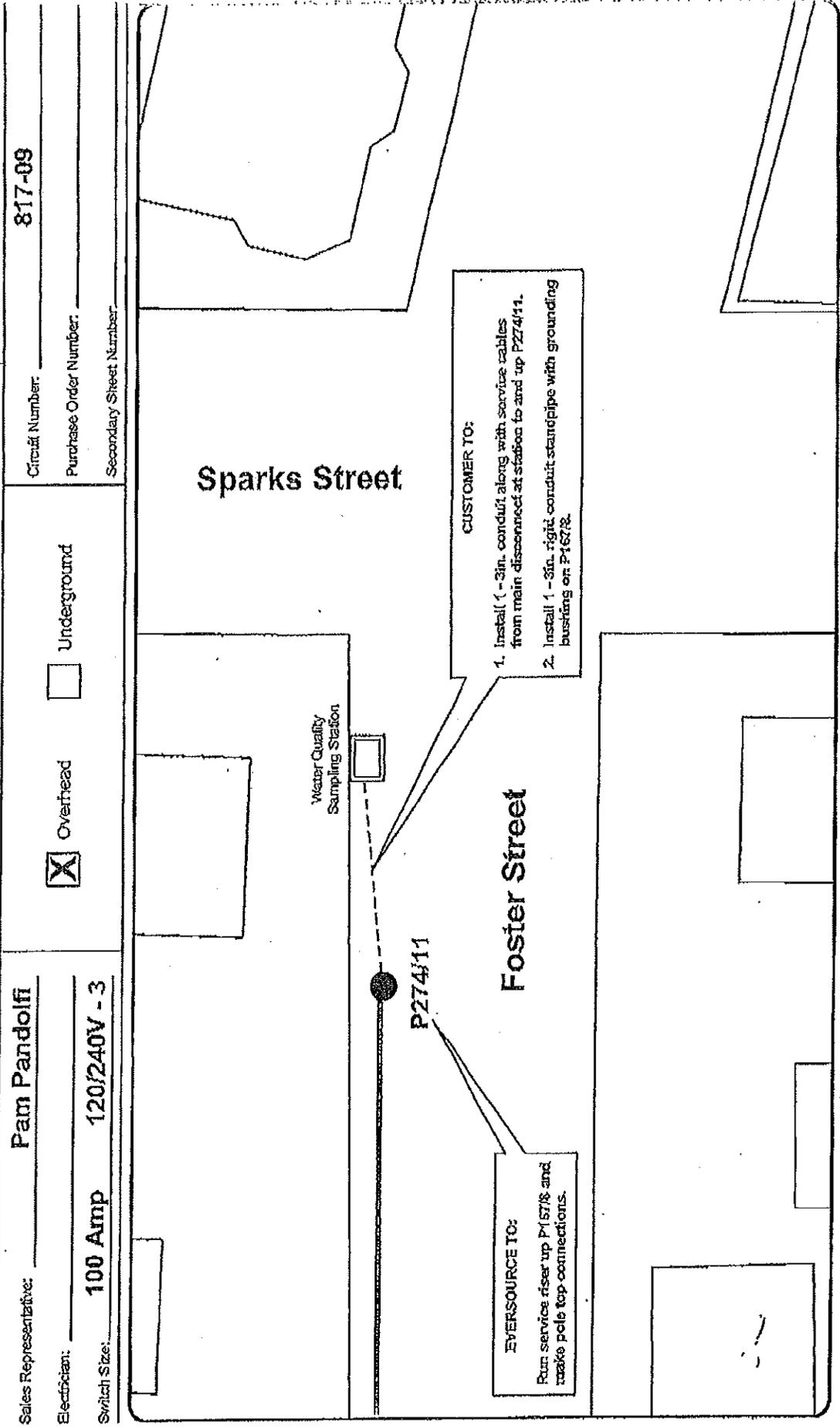
All other details remain the same.



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**EVERSOURCE**

Service Address: <b>Foster Street</b>	City: <b>Cambridge</b>	Lead Time:	Page Number: 1 of 1	Year: 15	Auth. No.:	Dist.:	Work Order Number: 2065717	
Customer's Name/Title: <b>City of Cambridge</b>	Prepared by: <b>Glenn Wicks</b>	Date: 06/01/15	Construction Work Assigned To:					Construction Work Completed By:
Sales Representative: <b>Pam Pandolfi</b>	<input checked="" type="checkbox"/> Overhead <input type="checkbox"/> Underground		Circuit Number: <b>817-09</b>	Purchase Order Number:				Secondary Sheet Number:
Electrician:	Switch Size: <b>100 Amp</b>		<b>120/240V - 3</b>					



**EVERSOURCE TO:**  
Run service riser up P1578 and make pole top connections.

**CUSTOMER TO:**  
1. Install 1 - 3in. conduit along with service cables from main disconnect at station to and up P27411.  
2. Install 1 - 3in. rigid conduit standpipe with grounding bushing on P1578.

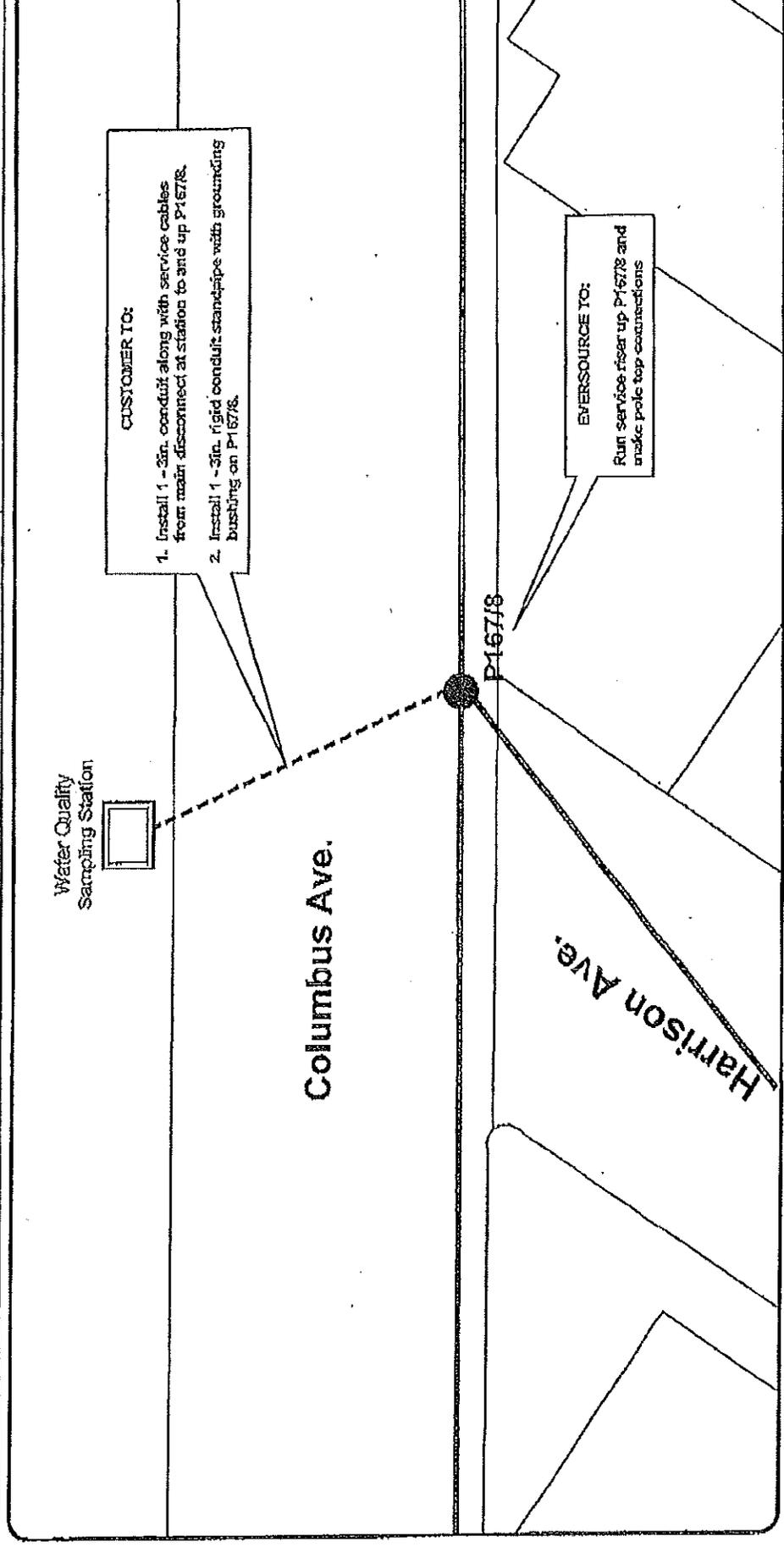
Extra Cost	Over time	Tree Trimming	Rock Holes
Man-Hours:			

Service Address: <b>Columbus Ave.</b>	City: <b>Cambridge</b>	Lead Time:	Page Number: <b>1</b> of <b>1</b> Pages	Year: <b>15</b>	Auth. No.:	Dist.:	Work Order Number: <b>2065733</b>
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Customer's Name/Title: <b>City of Cambridge</b>	Prepared by: <b>Glenn Wicks</b>	Date: <b>05/29/15</b>	Construction Work Assigned To:	Construction Work Completed By:
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Sales Representative: <b>Pam Pandolfi</b>	Circuit Number: <b>826-25</b>
Electrician:	Purchase Order Number:
Switch Size: <b>100 Amp 120/240V -3</b>	Secondary Sheet Number:

Overhead    
  Underground



**CUSTOMER TO:**

1. Install 1 - 2in. conduit along with service cables from main disconnect at station to and up P-16778.
2. Install 1 - 3in. rigid conduit standpipe with grounding busting on P-16778.

**EVERSOURCE TO:**

Run service riser up P-16778 and make pole top connections

Extra Cost:	Overtime:	Tree Trimming:	Rock Holes:
Man-Hours:			