Clarification No. 1: Questions and Answers

Term Agreement for Water Main Construction
CBD/City Wide Specialty Contract

DWM PROJECT NO. 16-607
SPECIFICATION NO. 201408

Bid Opening

For which bids will be opened in the office of the Department of Procurement Services Bid and Bond Room, City Hall, Room 103, 121 N. LaSalle Street, Chicago, Illinois 60602, on July 28, 2016 rescheduled to July 29, 2016 rescheduled to July 29, 2016 at 11:00 a.m., Central Time.

BIDDER WILL ACKNOWLEDGE RECEIPT OF THIS CLARIFICATION IN THE SPACE PROVIDED ON THE PROPOSAL PAGE

NOTICE OF CLARIFICATION OF CONTRACT DOCUMENTS

See Attached Documents
Pre-Bid Questions and Answers:

1. Due to the numerous amounts of utilities in the CBD, can an item for pot holing / exploratory excavation be added to the contract?

No.

2. Please clarify that items 111a and 111b Street Car Track Rail and Tie removal are to be measured and paid per square foot (SF). In previous contracts the unit of measurement was linear foot (LF).

Yes, refer to Section 01 20 00-8, Paragraph E

3. The schedule of prices in Book 2 does not have a spot for the award criteria figure. Please clarify if award criteria is applicable to this project.

Yes. Answer to this question is addressed in Addendum No 2.

4. Book 3 has no section for compliance with American Iron & Steel Requirements. Will foreign Ductile Iron fittings be allowed on this project?

Yes, all fittings must meet the Department of Water Management Specifications.

5. For the design of the Carbon Fiber Reinforced System in Subsection 1.2.E, should the design follow the equations set forth in the (soon to be published) AWW Draft Standard entitled “CFRP Strengthening and Renewal of PCCP Pipe” for the hoop direction, i.e. internal burst pressure, external loading, buckling pressures; and the longitudinal direction, i.e. bending and shear loading due to Poisson’s effect, temperature changes, thrust loading, and the existence of broken wires?

No, products and design must meet the DWM Specifications including requirements set forth in Book 3, Section 33 01 13 and applicable regulations.

6. In Subsection 1.2.E - Should the Carbon Fiber Reinforced System be designed to provide water tightness, as described in the (soon to be published) AWW Draft Standard entitled “CFRP Strengthening and Renewal of PCCP Pipe”, where testing must be provided to show the system can withstand a factor of safety of 2 against the working pressures?

No, products and design must meet the DWM Specifications including requirements set forth in Book 3, Section 33 01 13 and applicable regulations.

7. In Subsection 1.2.E - Should the Carbon Fiber Reinforced System be designed for any internal vacuum pressures?

No, designs must meet the DWM Specifications including requirements set forth in Book 3, Section 33 01 13, Paragraph 2.1, E and applicable regulations.
8. In Subsection 1.2.E – Please clarify if the Carbon Fiber Reinforced System should be designed as a fully structural system or a composite system?

**CFRP system shall be designed as a fully structural system. Answer to this question is addressed in Addendum No 2.**

9. Subsection 1.3.C.1 – Please confirm that calculations are not required with bid. Calculations will vary in accordance with design.

**Confirmed. All submittals must be approved prior to construction.**

10. Subsection 1.3.C.3 – Please confirm that schedule is not required with bid. Repair schedule will vary according to scope.

**Confirmed. All submittals must be approved prior to construction.**

11. Subsection 1.3.C.4 – Please confirm that drawings are not required with bid. Drawings will vary in accordance with design.

**Confirmed. All submittals must be approved prior to construction.**

12. Subsection 1.3.C.12 – Please confirm that “previous experience” must be in: PCCP pipe 36” diameter or greater; with operating pressure in excess of 100psi; repairs to have taken place in the United States of America in the last 3 years; each repair to have been at least 20’ in length

**This statement is incorrect. Previous experience shall meet the requirements set forth in Book 3, Section 33 01 13, Paragraph 1.9.**

13. Subsection 1.3.C.12 – Please confirm that “feeder mains” are defined as potable water mains

**Confirmed. Answer to this question is addressed in Addendum No 2.**

14. Subsection 1.3.D.1 – Please confirm the percentage of witness panels to be tested. The norm is 15% of total, or a minimum of three, whichever is greater

**Quality control shall meet the requirements set forth in Book 3, Section 33 01 13, Paragraph 3.4.**

15. Subsection 1.4.A – Please confirm that “experience” must be in: PCCP pipe 36” diameter or greater; with operating pressure in excess of 100psi; repairs to have taken place in the United States of America in the last 3 years; each repair to have been at least 20’ in length; repairs performed on potable water mains

**This statement is incorrect. Previous experience shall meet the requirements set forth in Book 3, Section 33 01 13, Paragraph 1.9.**

16. Subsection 1.6.B.2 – No drawings were provided. For bidding purposes, please specify approximate length from access point to repair point

**Location of access manholes to the work area will vary from project to project. See Addendum No 2.**
17. Subsection 1.9.B - Please confirm that “documented successful pipe strengthening projects with CFRP systems” must be in: PCCP pipe 36” diameter or greater; with operating pressure in excess of 100psi; repairs to have taken place in the United States of America in the last 3 years; each repair to have been at least 20’ in length; repairs performed on potable water mains

This statement is incorrect. Previous experience shall meet the requirements set forth in Book 3, Section 33 01 13, Paragraph 1.9.

18. Subsection 2.1.C – Please confirm that products used shall have been previously approved for use in potable water mains by the IEPA

Products shall meet the DWM Specifications including requirements set forth in Book 3, Section 33 01 13, Paragraph 2.1, C and applicable regulations.

19. In regards to night work, how will alignment issues be handled? Will someone be available around the clock to answer RFI’s? Will the inspector be allowed to make more of these decisions?

Please follow procedures in Book 1, Section XIV - Changes in the Work.

20. In regards to night work, are we allowed to keep material stored on site and haul it off during the day?

All work activities must adhere to CDOT Street opening permit requirements, which may differ from project to project.

21. Historically in the Central Business District, what percentage of the required work has been completed at night?

All work activities must adhere to CDOT Street opening permit requirements, which may differ from project to project.

22. The measurements and payments section for #123 Hydrant Installation Drawings of the issued for bid specs say to reference D-4 for high rise hydrant installation details. There is no D-4 included in the specifications. Can you advise?

Detail D-4 is included in Addendum No 2.