

CERTIFICATE OF ACKNOWLEDGMENT OF RECEIPT OF ADDENDUM

THE CITY OF READING

ADDENDUM NO.1

RFP: 6th & Canal Pump Station Plug Valves  
Replacement Project

DUE DATE: August 13, 2020  
3:00 P.M. Prevailing Time

NOTICE

This addendum must be signed, attached to, and returned with your proposal to the City of Reading by the time and date indicated ABOVE:

Q1. How many days are there for contract completion, could not find in specifications?

A1. **Technical Specification Section 01 20 00 - Price and Payment Procedures, page 1, paragraph 1.03 Completion Date states Substantial Completion as 240 calendar days and ready for final payment within 270 calendar days.**

Q2. Printed plans on 24" x 36" paper, they are still very blurry and difficult to read.

A2. **See attachment labeled "42 inch Force Main As-Built Partial Set".**

Q3. Are the upstream and downstream valves functional for isolation purposes?

A3. **For isolation purposes, all valves are functional and the City will provide location and sequence of valve operation to successful bidder. However, City will operate all valves for isolation purposes. At no time shall Contractor operate any valves.**

Q4. On pg. 10 of the specifications, there is a Notice that states "Payment of invoices is subject to the terms and conditions of the sources of funding for this project." What is the funding source and what are the terms for payment?

A4. **Funding source is City of Reading Fund 54. See Page 9 for METHOD OF PAYMENT. See GENERAL PROVISIONS, Page 73 paragraph G.37 MONTHLY ESTIMATES.**

Q5. Bid line item #4 is for six (6) 42" Ductile Iron Fittings. What type of fitting are we to base our pricing on? Should we base them on 90s, 45s, 22-1/2s, or Tees?

A5. **RECORD DRAWINGS C-101 and D-401 show the types of fittings that were installed. Drawing No. C-101 FORCE MAIN PROFILE shows what was installed for the 42" force main piping to the West Meter Vault. Removal and replacement of pipe, fittings and plug valve should begin approximately half way between the lower and upper 42"-60° RESTRAINED BENDS (VERTICAL) at STA 0+50± and at STA 0+69± and continue to a point approximately half way between the 42" VALVE STA 0+88.50± and the WEST METER VAULT. Note there is a 42"-45° RESTRAINED BEND (HORIZONTAL) at STA 0+84±. The new 42" pipe, fittings and plug valve should mostly match the existing pipe, fittings and valve configuration along the West Meter Vault force main and the East Meter Vault force main. Connection between existing pipe and new pipe to be made with couplings. Drawing No. D-401 plan view shows**

dimensions for the meter vaults, piping, fittings, and valves. For the East Meter Vault force main, removal and replacement of pipe, fittings and plug valve should begin approximately half way between the lower and upper 42"-60° RESTRAINED BENDS (VERTICAL) and continue to a point approximately half way between the 42"-90° Restrained Horizontal Bend and the EAST METER VAULT. Approximately 23 feet of 42" ductile iron pipe will be needed for the West Meter Vault force main and approximately 17 feet of 42" ductile iron pipe will be needed for the East Meter Vault force main. See attachment labeled "PROPOSAL Page 14" that revises the quantity to "40" for Item No. 3 42-inch Ductile Iron Force Main.

Q6. On pg. 73 of the specifications, it says "Engineer Shall Measure - No work shall be covered over or filled in until it shall have been inspected by the Engineer." Who is the Engineer of Record for this project; and who will be performing the inspections?

**A6. City of Reading Public Works Utilities Engineers.**

Q7. Please confirm that only one (1) valve can be replaced at a time.

**A7. Only one valve shall be replaced at a time and must be completed within 12 hours for at least manual operation of the new plug valve. During each valve replacement, the Contractor for this project shall coordinate with Alan Myers, General Contractor for the 6<sup>th</sup> & Canal Pump Station Phase II project, who will bypass pump one half of the pump station capacity for this limited time.**

Q8. Section 01 11 00 - Summary of Work, 1.06 Resident Notification. The specifications state that "Contractor shall provide "Resident Notification" to all businesses and residents residing within 1,000 feet of the work site." How many residents are within the 1,000 ft radius and what type of notification is to be provided? (letters, emails, door hang tags).

**A8. The "1.06 Resident Notification" under Section 01 11 00 - Summary of Work will be deleted from this contract.**

Q9. Section 01 11 00 - Summary of Work, 1.05 Work Sequence. The specifications state that "the Contractor shall begin the work by replacing the plug valve directly upstream from the East Meter Vault." Please clarify which vault is the East Meter Vault.

**A9. Both vaults are labeled on Drawing D-401.**

Q10. Attachment #1 - Yard Piping Detail. Are you concerned that approximately 13,300 pounds of concrete will be placed over the valve to support the new actuator? We are concerned that this weight will be transferred to the valve operator, and that there will be no access to the valve in the future.

**A10. The plug valve/electric motor actuator manufacturer(s) shall provide a support system for each new plug valve/electric motor actuator. The Contractor shall provide a shop drawing submittal for the electric motor actuator support system.**

Q11. Attachment #2 - Pump Station FM. Is the Contractor responsible to land the new control wires in the PLC? Who will program the new PLC?

**A11. All new control wiring and associated PLC programming will be provided by BSI Electrical the Electrical Contractor for the 6<sup>th</sup> & Canal Pump Station Phase II project. The Contractor for this project shall provide electric motor actuator wiring diagram(s) based on and compatible with the P&ID schematic shown on ATTACHMENT 2.**

Q12. In Attachment #3, we cannot read the notes on all of the pages. The copies are very unclear and pixelated. Can you provide clearer drawings?

A12. See attachment labeled “42 inch Force Main As-Built Partial Set”.

Q13. Attachment #3, Drawing C-501 shows details for fencing. Are any fencing modifications required for this project?

A13. No fencing modifications required.

Q14. Attachment #3, Drawing C-501 shows details for bollards. Are any bollards required?

A14. No bollards required.

Q15. Attachment #3, Drawing E-101. We cannot read what type, size, or location the conduits are to be run. Please clarify. Additionally, what is new and what is existing? For example, we see that a new transformer is required, but there is no specification for this equipment.

A15. Drawing E-101 is provided as information of existing conditions only. No external electrical work is required. See attachment labeled “42 inch Force Main As-Built Partial Set”.

Additional Information

1. The Contractor shall use the three (3) double gate system for access from Canal Street to the work site. These gates are shown on Attachment 1 and Drawing C-101.
2. Applicable construction details on Drawing C-501 are #1-Plug Valve and Valve Box, #4-Polyethylene Encased Piping and Pipe Restraint Schedule.
3. Applicable construction details on Drawing C-502 are #1-Typical Trench Restoration, #2-Surface Restoration for Grass Areas and #6-Stone Drive.
4. Applicable construction details on Drawing C-503 are #1-Stabilized Construction Entrance, #2-18” Filter Fabric Fence and #4-Pumped Water Filter Bag.

I, HEREBY CERTIFY THAT THE CHANGES COVERED BY THIS ADDENDUM HAVE BEEN TAKEN INTO ACCOUNT.

Firm Name (Type or Print)\_\_\_\_\_

Authorized Signature \_\_\_\_\_

Title\_\_\_\_\_

Name (Type or Print)\_\_\_\_\_

Date\_\_\_\_\_