

## **Addendum No. 2**

### **STEAD MAIN REPLACEMENT PHASE 2**

PWP No.: WA-2017-040

TMWA Project No.: 10-0001.030

January 3, 2017

The following information, clarifications, changes and modifications are by reference incorporated into the bid documents for the above referenced project. Any work item or contract provision not changed or modified will remain in full force and effect. The bid date and time and construction schedule remain the same.

### **Information, Clarifications, Changes and Modifications**

#### **A. Questions and Responses:**

**Question No. 1:** Addendum No. 1 adds a 1” combination ARV at STA 109+25. What bid item will this work be covered under?

**Response to Question No. 1:** No separate bid item will be added for the 1” Combination Air Valve. Include costs for this valve in the most appropriate bid item already listed in the Bid Schedule. Reference “Notes to Bid Schedule” on Page 5 of the Bid Proposal Forms.

**Question No. 2:** Will the steel casing at the Jack and Bore and the 12’ section at STA 109+25 require test/tracer stations? Will it require cathodic protection?

**Response to Question No. 2:** The steel casings will NOT require separate test/tracer stations. Test/tracer stations required for the pipeline are identified at various locations in the Improvement Plans, including at STA 87+16± and STA 89+14±. The steel casings will NOT require cathodic protection.

**Question No. 3:** For the 30” steel casing at the Jack and Bore: Are casing joints to be welded? What type of welds will be required? Will welding inspection be required? Will Permalok casing be allowed?

**Response to Question No. 3:** The 30” steel casing joints are anticipated to be welded. A minimum Single-V Joint Butt Weld will be required at each steel pipe joint. The design of field welds, including the angle and depth of the Single-V Joint bevel and verification of the type of weld, shall be the sole responsibility of the Contractor as determined by

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1355 Capital Blvd. • P.O. Box 30013 • Reno, NV 89520-3013  
P 775.834.8080 • F 775.834.8003

Contractor means and methods for casing installation and the force required for said casing installation. A full submittal of the Contractor's casing installation method and procedures shall be submitted to TMWA for review and approval prior to casing installation, including Contractor welder certifications per Section 9.06 of the Truckee Meadows Water Authority Engineering & Construction Standards. A visual welding inspection of each welded joint will be required. Welding inspection will be performed by a TMWA representative at no cost to the Contractor. Permalok® Interlocking Steel Casing Pipe, as manufactured by Northwest Pipe Company, or TMWA approved equal, is acceptable.

**Question No. 4:** The trench line will require a pavement patch prior to the 2" mill and fill described in bid item 12. Under what item is the trench patch to be included?

**Response to Question No. 4:** Reference "Notes to Bid Schedule" on Page 5 of the Bid Proposal Forms.

**Question No. 5:** It was mentioned in the pre-bid meeting that pollution liability insurance would be required because of the presence of asbestos pipe. The Supplementary provisions also mention the requirement for pollution liability insurance due to the presence of hazardous materials. I have scoured the plans and do not find any mention of asbestos or hazardous material. If no material is present, is there really a need for the additional insurance rider? If hazardous material is encountered will it be considered as being beyond the scope of the contract requirements?

**Response to Question No. 5:** Reference Sheet Keynote 1 on Drawing DEM4 and Sheet Keynote 1 on Drawing DEM5. Pollution Liability Insurance, as specified in Article 2.03 of the Supplementary Conditions, is absolutely required.

**Question No. 6:** Addendum #1 added an air release to sheet P20 which is called out in keynote #9 as 1". Should this be a 6" CARV with a tangential outlet like the others in bid item #6? If keynote #9 on P20 is correct, should it be included in bid item #6?

**Response to Question No. 6:** No, the 1" Combination Air Release Valve specified in Sheet Keynote 9 on Drawing P20 is correct. Reference "Response to Question No. 1", above, for which bid item the 1" Combination Air Release Valve shall be included.

**QUESTION CUT-OFF DATE IS THURSDAY, JANUARY 5, 2017, AT 2:00 P.M.**

**END OF ADDEMDUM NO. 2**