

## **Addendum No. 4**

### **North Valleys Integration Lemmon Drive Main Installation**

#### **Federally Funded**

PWP Bid No. WA-2016-011  
October 26, 2015

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.

### **Questions and Responses**

**Question No. 1:** Is there a source for construction water near the project?

**Response to Question No. 1:** The City of Reno maintains a non-potable truck fill station at their Reno-Stead Sewage Treatment Plant located at 4250 Norton Dr. Reno, NV 89506. Applications can be submitted at the City of Reno's headquarters. Call 334-2350 for information.

**Question No. 2:** Has an excavation disposal site been identified?

**Response to Question No. 2:** No excavation site is provided. The Contractor is responsible for disposal of excess material generated through construction operations.

For Specification Section 02200 Trench Excavation and Backfill, Part 3: Execution, Subsection 3.03 Miscellaneous Items of Work shall be renumbered as Subsection 3.04.

The following subsection shall be added:

#### **3.05 Disposal of Excess Trench Spoils**

- A. All excess materials and spoils resulting from trenching excavation construction operations, associated with the Work, are to be disposed of by the Contractor. No additional payment shall be made for disposal of these materials.

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**Question No. 3:** If sharing of the construction documents is prohibited, is there somewhere that subcontractors can access the documents without purchasing them?

**Response to Question No. 3:** Due to provisions in the Homeland Security Act, TMWA is required to exercise control over water system facility drawings. The project's plans and specifications are available for viewing at TMWA's corporate office at 1355 Capital Blvd. or at the four printers listed in the advertisement/bid specifications.

**Question No. 4:** Section 400524 for steel pipe says in 2.1 A. 1. a. that the ID of the steel pipe shall equal the nominal ID of the DIP pressure class. For WSP, we would use 24" as the nominal ID from which the actual may vary based on steel and lining thicknesses. Is DIP nominal ID the same so we would use 24" for the ID or are you looking for a different ID?

**Response to Question No. 4:** A 24 inch ID will not meet the intent of the Specifications, as ductile iron pipe is outside diameter controlled with an OD of 25.8 inches. Please refer to AWWA C151 for standard dimensions of ductile iron pipe in order to calculate an equivalent ID for steel pipe.

**Question No. 5:** We have a question regarding the subcontractor and supplier listings in the bid documents. There is a section for the sub and suppliers DUNS# and Registration in Sam.gov. If we do not have that information at bid time would our bid deemed non-responsive? In Volume II under the DUNS NUMBER Section it states: , "All Contractors are required to provide Truckee Meadows Water Authority with their unique Dun & Bradstreet Data Universal Numbering System number **prior to award** and are required to be registered in the US Government System for Award Management (SAM)".

We were wondering based on that statement if this information could be provided after bid but before award of the contract?

**Response to Question No. 5:** As discussed at the Pre-Bid meeting held on October 21, 2015, the DUNS# requirement and registration with SAMs.Gov is required for the prime contractor, subcontractors and suppliers and must be submitted **at the time of bid** in order for the bid to be considered responsive and responsible.

Accordingly, please delete the language (prior to award) found in Volume 1, Invitation to Bid, page 2, Instructions to Bidders; page 11, item 13; and Volume 2, Section 00900 Special Federal Requirements, Introductions and replace it with (at the time of bid) to read as follows:

All Contractors are required to provide Truckee Meadows Water Authority with their unique Dun & Bradstreet Data Universal Number System (DUNS®) number **at the time of bid** and are required to be registered in the US Government System for Award Management (SAM: <https://www.sam.gov>).

**Question No. 6:** Technical Specification 400519 8. b. 1) states "Restrained push-on joint of configuration which utilizes a gripping or friction force for restraint will not be acceptable."

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TMWA allows restrained gaskets (e.g. McWane SureStop, US Pipe Field LOK, etc.) for use in Tyton joint ductile iron pipe.

Will these be allowed as an equal to the Manufacturer's restrained pipe systems listed in 400519 8. c. 1) a)-c) for this project?

**Response to Question No. 6:** No.

**Question No. 7:** Technical Specification 400561 2.1 A. 9. states "All flange bolts and nuts and mechanical joint t-head bolts and nuts shall be furnished with Tripac 200 blue coating..."

Technical Specification 400561 2.1 A. 12. states "All other bolts, nuts and studs shall, unless otherwise approved, conform to ASTM A-307, Grade B, or ASTM A-354."

Can you please clarify/confirm if all hardware, buried, submerged, exposed, etc. will need to be Stainless Steel 316 WITHOUT Tripac 2000 coating?

If not, please clarify the specification for the hardware at flange connections and mechanical joint connections.

**Response to Question No. 7:** Assembly hardware for buried installations shall be of low carbon alloy steel with the Tripac 2000 coating. 316 SS shall not be required. This shall apply to all flanged and mechanical connections.

**For Specification Section 400561 Gate Valves, Operators and Appurtenances, Part 2 – Products, Subpart 2.1 Materials, Item 9 shall be deleted in entirety and replaced with the following:**

9. Flange bolts and nuts and mechanical joint t-head bolts and nuts shall be carbon steel with minimum 60 ksi tensile strength conforming to ASTM A193, Grade B7 with ASTM A194 2H heavy hex nuts. Bolts shall be standard ANSI B1.1, Class 2A coarse threads. Nuts shall be heavy hex and conform to ASTM A563 and be standard ANSI B1.1, Class 2A coarse threads. All bolt heads and nuts shall be hexagonal. Identification on the head of the bolt shall be: A193.
  - a. Finish: All bolts and nuts shall be finished with the Tripac 2000 Blue coating system to significantly reduce the effects of corrosion. A multi-step process shall be utilized to chemically clean, abrasive blast and prime with zinc/nickel phosphate prior to application of the xylan fluoropolymer. Wear resistance (k-factor) shall be in the range of 6 to 8 (excellent) and minimal effects should be seen after a 3,000 hour salt spray test conforming to ASTM B-117.

**For Specification Section 400519 Ductile Iron Pipe, Part 2 – Products, Subpart 2.1 Manufactured Units, Section B Joints, Subsection 1. Flanged joints -Paragraph d shall be deleted in entirety and replaced with the following:**

- d. Flange bolts and nuts shall be carbon steel with minimum 60 ksi tensile strength conforming to ASTM A193, Grade B7 with ASTM A194 2H heavy hex nuts. Bolts shall be standard ANSI

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B1.1, Class 2A coarse threads. Nuts shall be heavy hex and conform to ASTM A563 and be standard ANSI B1.1, Class 2A coarse threads. All bolt heads and nuts shall be hexagonal. Identification on the head of the bolt shall be: A193.

1. Finish: All bolts and nuts shall be finished with the Tripac 2000 Blue coating system to significantly reduce the effects of corrosion. A multi-step process shall be utilized to chemically clean, abrasive blast and prime with zinc/nickel phosphate prior to application of the xylan fluoropolymer. Wear resistance (k-factor) shall be in the range of 6 to 8 (excellent) and minimal effects should be seen after a 3,000 hour salt spray test conforming to ASTM B-117.

**QUESTION CUT-OFF DATE IS OCTOBER 29, 2015, AT 5:00 P.M.**