



CITY OF SAN ANGELO  
PURCHASING DEPARTMENT  
72 West College Avenue, San Angelo, Texas 76903  
(325) 657-4219

## ADDENDUM 1

Date: July 1, 2015

RFB No. WU-04-15  
2015 Water Treatment Plant Improvements

Location: San Angelo, Texas

Bid Date: ~~July 8, 2015~~ July 14, 2015 / 2:00 PM Local Time

The following changes and/or additions are hereby made to the specifications and contract documents for the above referenced project:

### **SUBMITTAL DEADLINE:**

The proposal submittal deadline will be extended to July 14, 2015 at 2:00pm. The location and procedure for submission remain the same.

**REFERENCE DOCUMENTS:** The following documents are provided for reference:

1. Installation Procedures for Installing IMS 200 media retainer on existing Type S Underdrain System – San Angelo, TX
2. Identification and Repair of Leaks for Underdrain Bell & Spigot Joints

### **TECHNICAL SPECIFICATIONS:**

**4.1 General Notes** – Replace entire section with attached version.

**4.10 Valves and Valve Installation** – Replace entire section with attached version.

**4.14 Filter Media** – Replace entire section with attached version.

### **PROPOSAL FORMS:**

**Bid Tab Sheet** – Replace with the attached version.  
Retitled from *Opinion of Probable Cost* to *Bid Tab Sheet*.  
Eliminate bid item number 2 – manhole at north plant.

### **DRAWINGS:**

**W 792, W 793, W 794 and M-904:**  
Replace with attached versions.

**CLARIFICATIONS:**

1. Will the south filter gallery clearwell have water left in it when it is out of service for the effluent piping penetrations? If so, how much?

**Yes, the south filter gallery clearwell cannot be completely drained by gravity and thus will have approximately 12-18 inches of water that must be removed by the CONTRACTOR by pumping and disposing into the nearest filter drain manhole.**

2. Will the clearwell be required to be disinfected following repairs to south filter gallery effluent piping penetration repairs?

**Yes, the south filter gallery clearwell that will be drained and accessed for effluent piping penetration repairs will need to be disinfected per AWWA C653-13 and AWWA C652-11. Testing services will be provided by the City Water Quality Lab.**

3. Reference W-796 – Filter Data Table:

**Filters 7-12 are dual-cell filters. The filter area shown on the Filter Data table on sheet W-796 is per cell and must be doubled to obtain full filter area. The total filter area shown, 7,713 sq. ft., reflects the accurate total filter area.**

4. How long is the project warranty?

**The project warranty is one year from job completion date.**

5. Filter Underdrain Joint Repairs:

**Per Specification 4.1.2, up to 50% of the underdrain bell and spigot joints are expected to be repaired. The underdrain manufacturer has provided a procedure to identify and repair the joints. Price of repairs should be subsequent to bid.**

6. Can pre-cast vaults be used for the clarifier drain valves?

**Vaults may be either cast-in-place, pre-cast, or a combination thereof, as approved by the City.**

7. Man-hole covers:

**Manhole covers for the single new manhole and single cover replacement for this project shall be beehive grated style ductile iron.**

8. Are there lead joints in the pipe gallery?

**There are existing lead-sealed joints in the pipe gallery. Extra caution should be used when working near these joints to prevent leaking due to disturbance. A contingency is available to possibly repair or replace problematic sections of pipe based on project progress and remaining funding.**

9. Paint color specifications:

**The City will choose up to 5-color choices from the paint manufacturer's color palette.**

10. Safety Training:

**This project will require working around chlorine lines and the CONTRACTOR will be required to take chlorine safety and evacuation training (training and certification will be conducted by City staff at no cost). Confined space training and certification will be required (by others) prior to accessing confined space portions of the jobsite.**

11. Demolition work:

**All demo work is the responsibility of the selected contractor. All demo and disposal costs will be subsequent to total bid.**

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This addendum becomes a part of and shall be included with the above referenced specifications and contract documents.

Authorized by: Joseph T. Mangrem, PE  
Engineering Services - Project Engineer  
Date: July 1, 2015

