

Clarification No. 1

Date: April 24, 2011

City of Austin

Project Name: Davis Water Treatment Plant Chemical Feed Improvements Bid Package 1: SHMP, Ferric and Fluoride System Improvements

The following are clarifications and answers to questions received from Bidders. This does not modify the bid documents. Any modifications to the bid documents will be issued by addendum.

Questions from Bidders: Clarifications and Answers

1. Question: If a particular person is already on a COA project elsewhere do they have to go through the clearance process again for this project? Confirm safety clearance requirements.

Answer: In accordance with Specification Section 00819, security stickers are valid at all other Austin Water Utility (AWU) facilities for up to one year after the completion of a previous job. If a certain employee has not worked on an AWU project for over one year, that individual will need to obtain a new background check and sticker. Security requirements and procedures are outlined in Sections 00819 and S01070.

2. Question: What specifically should the pump unit prices include? Clarify the pump unit prices.

Answer: The pump unit prices shall include the material costs for pump and local control panel. This will be clarified via addendum.

3. Question: Will the existing unistrut be replaced? What is the cut-off point for new unistrut versus existing to remain?

Answer: Existing unistrut shall be replaced with FRP unistrut. All unistrut supporting pipe, conduits, control panels or other chemical system facilities to be demolished shall also be demolished. Unistrut supporting existing chemical pipe, conduit or other chemical system facilities which are to remain shall be protected in place. Refer to Drawings FE-D1, FL-D2 and SH-D2 for demolition details.

4. Question: Will the existing hanger supports be replaced for existing pipes which may be repainted?

Answer. No, existing hanger supports for existing pipes to remain shall not be replaced.

5. Question: Will alternate chemical feed pumps be considered?

Answer: Yes, alternate diaphragm chemical metering pumps (Milton Roy, Macroy Series) have been considered. This will be clarified via addendum.

6. Question. Should the PVC be painted as specified or could banding be used as an alternative? Clarify the extents of pipe painting.

Answer: New PVC pipe located outside in the Fluoride Area (above the FRP floor grating) shall be field painted, marked and labeled in accordance with Sections S10400 and S09960. New PVC pipe located inside the Chemical Building shall be banded, labeled and marked in accordance with the requirements of Section S10400. Existing pipes to remain shall be marked, labeled and banded in accordance with the requirements of Section S10400. This will be clarified via addendum.

7. Question: Is an operational readiness test (ORT) required? Clarify readiness and ORT testing requirements.

Answer: Yes, ORT is required. Performance acceptance test (PAT) is also required. Refer to Section S17100 for test requirements.

8. Question: Are adhesion tests required for chemical resistant coatings and who will be responsible for the costs of such tests.

Answer: Field adhesion tests are not required. The chemical resistant epoxy coatings physical characteristics shall meet adhesion requirements set forth in Section S09679, paragraph 2.03.

9. Question: Have existing pipes been tested for lead?

Answer: No, the existing pipes have not been tested for lead. Due to the age of the chemical feed systems (installed after 1990), lead is not anticipated to be present in the existing pipes.

10. Clarification: Clarify that the Contractor will not be responsible for the warranty on the re-used pumps.

Response: This question will be clarified via addendum.

11. Question: The specifications require a minimum of four (4) ferric sulfate pumps to be in operation during construction. How many of the existing ferric sulfate pumps are currently operational.

Answer: All existing ferric pumps (6 total) are operational. Per Specification Section S01045, the Contractor will be responsible for maintaining a minimum of four (4) existing and/or new pumping units in operation. These four (4) units can be a combination of existing pumps or new pumps.

12. Question: The instructions to bidder paragraph 7.i requires the (Section 00475) nonresident bidder provisions to be completed, signed and turned in with the bid. I was not able to find this form in the contract documents that we received. Can you please forward a copy of this form to be used in turning in this bid? Also, can you please confirm that this is not a ROCIP project.

Answer: Section 00475 is to be completed for this project. This form has been added by addendum. This project is not a ROCIP project.