

February 21, 2017

CITY OF MERCED
DEPARTMENT OF DEVELOPMENT SERVICES (ENGINEERING)
678 W. 18th Street, Merced, CA 95340

ADDENDUM NO. 1

To **ALL PROSPECTIVE BIDDERS**
under Specifications for the Construction of the

WASTEWATER TREATMENT PLANT WELL #2 PUMP AND PIPING

PROJECT NUMBER 114001

For which bids are to be received by the City of Merced Purchasing Agent, at the Purchasing Conference Room, at 2525 "O" St., Merced, CA 95340, until 2:30 PM on Thursday, March 2, 2017.

The following revisions to the specifications and plans shall be made:

SPECIFICATIONS:

Item 1: **Delete and Replace-** Time of Completion, from **75 working days** to **100 working days** in following sections:

Amendments to Standard Specifications- SECTION 6-1 and SECTION 6-9.

Item 2: **Delete and Replace-** Specification Section 030500 General Concrete Construction.

Page 030500-15, Z. 1. Delete "retained by the Contractor" and replace with "retained by the Owner"

Item 3: **Delete and Replace-** Specification Section 099000 Painting and Coating.

Pages 1 and 5. Delete Coating System No. 31A Exterior Side, Exposed Concrete and Masonry, Antigrffiti and replace with System No. 32 as follows:

1. System No. 32—Exposed Concrete and Masonry, Atmospheric Weathering Environment:

Type: Acrylic enamel or acrylic latex having a minimum volume solids of 36%.

Service Conditions: Exposed concrete or masonry exposed to normal sunlight and weathering.

Surface Preparation: In accordance with Part 3, subsection on "Preparation of Concrete and Masonry Surfaces To Be Coated."

Prime Coat: Water-borne acrylic or cementitious acrylic emulsion having a minimum solids volume of 40%. Apply one coat of Carboline Sanitile 100 to fill all voids, pores, and cracks; Devoe Bloxfill 4000; PPG Amerlock 400 BF; Tnemec 54-562 Masonry Filler; International Intercryl 320WB; Sherwin-Williams Heavy Duty Block Filler B42W46; PPG SPEEDHIDE® Int/Ext Acrylic Masonry Block Filler 6-15; or equal.

Finish Coat: Two coats of Carboline 3359, two coats of Devoe 4208, two coats of PPG Amercoat 220, two coats Tnemec Series 6, two coats of International Intercryl 530WB 520, Sherwin-Williams

Metalatex Semi-Gloss B42 series, two coats of PPG Int/Ext Semi-Gloss Acrylic Metal Finish 7-374 series, or equal. Apply to a thickness of 2 mils per coat.

Item 4: **Add**- Specification Section 331300 Disinfection of Piping and Structures.

Page 1, paragraph C.1. Add to end of paragraph:

Dechlorinate the disinfection water such that the chlorine residual does not exceed 0.5 mg/L.

Page 1, Part 2. Add the following paragraph E:

E. Dechlorination Materials

If dechlorination is required and the Contractor elects to use a means of chemical dechlorination, use one of the chemicals described in AWWA C655.

Page 3, before End of Section. Add the following paragraph K:

K. Dechlorination

Dechlorinate per AWWA C655. Perform testing of residual chlorine before discharge of water into the environment.

Item 5: **Delete and Replace**- Specification Section 432152 Submersible Vertical Turbine Pumps.

Page 2, Part 2, paragraph B. Change second sentence to read as follows:

(12-inch inside diameter) to (minimum 10-inch inside diameter)

Pages 2 and 3, Part 2. Delete entire paragraph C Surface Assembly.

Page 3, paragraph D.1. Change first sentence to read as follows:

The column pipe shall be flanged at the surface.

Page 3, paragraph F.2 Bowl Assembly. Change to read as follows:

2. Pump bowls shall be of the material listed under the subsection on "Pump materials of Construction." Bowls shall be sufficiently rigid to prevent adverse changes in bearing alignment and to maintain the running clearance of seal rings. Waterways and the diffusion vanes shall be smooth and free from nodules, pumps, and dips.

Pages 3 and 4, paragraph G Interconnector. Delete entire paragraph.

Page 4, Paragraph H Impellers. Change paragraph to read as follows:

H. Impellers

Pump impellers shall be of the enclosed type made of the material listed in the subsection on "Pump materials of Construction." Machine to fit the contour of the bowl and hand file in the waterways. Attach impellers to the shaft in such a manner that they cannot become loose under any operating condition or under reverse rotation.

Page 4, paragraph I.1, Table. Delete the following rows in the table:

Lateral bowl wear ring
Impeller wear ring

Page 4, paragraph I.1, Table.

Change Component "Parts made of fabricated steel including surface plate" Materials' to "Match column pipe material."

Page 4, paragraph I.2. Delete paragraph.

Page 5, paragraph K. Spare Parts. Delete entire paragraph.

Page 5, Part 3, paragraph B. Table at bottom of page.

Change minimum discharge connection size from 6 inches to 4 inches.

Change minimum column size from 6 inches to 4 inches.

Page 6, paragraph D. Delete paragraph 11.

PLANS:

Item 1: **Delete** Sheet E-100, Table Electrical Symbols-

Delete reference: SEE DWG E-XXX FOR LIGHTING FIXTURE SYMBOLS



Theron Roschen, P.E.
City Engineer

Name of Bidder or Firm: _____

THIS ADDENDUM MUST BE SIGNED AND RETURNED WITH BID PROPOSAL.

ADDENDUM NO. 1 has been received and incorporated into the bid proposal.

Received By: _____

Date : _____ Planholder : _____

NOTE: RECEIPT OF THIS ADDENDUM MUST ALSO BE ACKNOWLEDGED IN THE CONTRACTOR'S BID PROPOSAL.