

**ADDENDUM NO. 1
TO
CONTRACT DOCUMENTS, TECHNICAL SPECIFICATIONS, AND DRAWINGS
FOR
THE CITY OF WIMBERLEY**

WASTEWATER TREATMENT PLANT PROJECT

TO: PROSPECTIVE OFFERORS AND PLAN HOLDERS

The Contract Documents, Technical Specifications, and Drawings listed below shall be removed in their entirety and replaced with the attached documents to this addendum incorporating the following modifications:

I. Contract Documents

1. Section 00020 – Invitation to Bid
 - A. Update Notice paragraph to:
“Notice is hereby given that the City of Wimberley (OWNER) will receive sealed Bids at Wimberley City Hall, 221 Stillwater, Wimberley, TX, 78676 until 11:00 a.m. on Wednesday, April 19, 2017 for construction of...”
2. Section 00411 – Bid Schedule
 - A. Update Bid Item No. 6 to include 3 gate valves.
 - B. Added Force Main Bid Item Numbers 8, 9, and 10.
3. Section 00450 – Equipment Supply Manufacturers
 - A. Add JWC Environmental, Parkson Corporation, Kusters-Zima, Lakeside Equipment Corporation, and Hydro-Dyne Engineering to the list of approved manufacturers for the Rotary Fine Screen System.
 - B. Add General Electric Water and Process Technologies and ADI Water Solutions LTD to the list of approved manufacturers for the Package MBR Wastewater Treatment Plant.

II. Technical Specifications

1. Section 01302 – Supplier’s Submittals
 - A. Update references to “Special Conditions” to “General Conditions.”
2. Section 11120 – Rotary Fine Screen System
 - A. Paragraph 2.1; Add JWC Environmental, Parkson Corporation, Kusters-Zima, Lakeside Equipment Corporation, and Hydro-Dyne Engineering to the list of approved manufacturers for the Rotary Fine Screen System.
3. Section 11390 – Package Membrane Bioreactor Wastewater Treatment Plant
 - A. Paragraph 1.4.A.4.h; Update paragraph as follows “1) Required maximum effluent E.coli concentration is 399 MPN/100 mL (single grab sample) 2) See section related to UV for additional requirements.”
 - B. Paragraph 1.4.C.7.d; Update paragraph as follows “The influent alkalinity could range between 60 – 120 mg/L as CaCO₃. Provide a chemical feed system...”
 - C. Paragraph 1.4.D.4.c; Update paragraph as follows “Seismic Zone: Design shall be based on package plant location and criteria as described in ASCE-07 .
 - D. Paragraph 1.8.A.1; Update paragraph as follows “All equipment shall be the product of a manufacturer having at least ten (10) U.S. or Canadian installations...”
 - E. Paragraph 1.10.B; Update paragraph to remove reference to SPECIAL CONDITIONS.
 - F. Paragraph 1.10.C; Update paragraph as follows “For each separate item provided by a unique equipment manufacturer, the manufacturer’s representative shall...”

- G. Paragraph 1.12.C.4.b; Update paragraph as follows “Are unable to produce permeate at the specified flux at a TMP of 3.0 psi or less for flat plate membrane system or 10 psi or less for a hollow fiber membrane system at the specified Design and Peak Flow Rates”
 - H. Paragraph 2.1.A; Add General Electric Water and Process Technologies and ADI Water Solutions LTD to the list of approved suppliers.
 - I. Paragraph 2.5.C; Add Environmental Dynamics International to the list of approved manufacturers for the Diffuser System.
 - J. Paragraph 2.5.E.5; Update paragraph as follows “Individual Air Drop Assemblies: Designed by the package plant supplier to meet the requirements of (1) through (4) above. Design shall allow for cleaning and adequate support of each diffuser.”
 - K. Paragraph 2.5.E.6; Delete this paragraph.
 - L. Paragraph 2.6.B.3; Update paragraph as follows “Operation: ON/OFF for equalization basin and sludge holding tank blowers. VFD rated for aerobic blowers.”
 - M. Paragraph 2.6.C; Update paragraph as follows “**1.** Universal Blower Pac, Inc – Model 3C **2.** FPZ Blower Technology **3.** Rietscle Regenerative **4.** Howden-Roots **5.** Aerzen **6.** United Blower”
 - N. Paragraph 2.10.A.2.b; Update paragraph as follows “The disinfection system shall include vertical or horizontal UV lamp modules in an open channel OR an in-line, closed UV system, consisting of UV lamps, quartz sleeves...”
 - O. Paragraphs 2.10.B.1-5; Update each paragraph 1 through 5 by adding the phrase “if applicable” to the end.
 - P. Paragraph 2.13.A; Update paragraph to allow for the utilization of the newly specified permeate pumps.
 - Q. Paragraph 2.13.C; Update the Chemical Feed Pump Schedule as follows “CIP Chemical Pump – Quantity – 2”
 - R. Paragraph 2.13.C.2.a; Add the following pumps to this paragraph “**4)** Equal by Verder, Inc. **5)** FlexFlo/Flex-Pro by Blue-White Industries, Inc.”
 - S. Paragraph 2.19.C.3; Update paragraph as follows “**a.** For systems WITHOUT permeate pumps - SUPPLIER shall provide modulating butterfly valves for permeate flow control. All actuated valve opening and closing speeds shall be set to open and close slowly and not induce surges to the membranes (modulating and open/close valves). **b.** For system WITH permeate pumps - SUPPLIER shall provide Variable Speed Drives for the permeate pumping units in accordance with Division 16 Section 16269. Pump speed shall be controlled by the water level in the membrane tank.”
 - T. Paragraph 2.19.D.2; Update paragraph as follows “Cleaning Cycles - CIP cleaning systems may only include Maintenance Cleans and chemically enhanced backwash cleans...”
 - U. Paragraph 2.23.D.1; Replace the term “Membrane Supplier” and “MBR Supplier” with “Package Treatment Plant Supplier” throughout the entire paragraph.
 - V. Paragraph 3.3.B; For items Functional and Performance Testing and Facility Start-Up, increase the number of person days to five (5) in each case.
- 4. Section 13221 – Steel Storage Tank
 - A. Remove the specification in its entirety and replace with the attached specification 13221.
 - 5. Section 15020 Piping System, Ductile Iron Pipe
 - A. Section added to project manual.
 - 6. Section 15030 Piping System, PVC and CPVC Pressure Pipe
 - A. Section added to project manual.

III. Drawings

- 1. Sheet G-001 Cover Sheet, Location Map and Index
- 2. Sheet G-002 General Notes I

- A. Add the following text to Note 21 under Utility:
 - Collection Gravity PVC (Depth <13 ft): SDR-26
 - Collection Gravity PVC (Depth ≥13 ft): SDR-21
 - Collection Gravity DI (Depth <13 ft): SDR-26
 - Collection Gravity DI (Depth ≥13 ft): SDR-21
 - Collection Force Main PVC: SDR-14
 - Collection Force Main DI: C151 CI 350
 - WW Service Laterals: SDR-26
 - Reclaimed Water PVC: C900 DR 14
- 3. G-003 General Notes II
 - A. Delete the following note from the Traffic Notes and Special Conditions:
 - 9. Off-duty police officers may be required at no additional cost to the City.
- 4. Sheet C-108 – Force Main Plan and Profile, LN A
 - A. Add sheet to drawings.
- 5. Sheet C-112 – Force Main Plan and Profile, LN A
 - A. Updated valve to a plug valve.
- 6. Sheet C-200 – Site Plan
 - A. Add Note 1 “Contractor shall remove trees as needed and in accordance with the General Notes.”
 - B. Add Electrical Connection location at Old Kyle Rd (FM 3237).
 - C. Add Contractor’s Staging Area to the site plan.
- 7. Sheet M-200 – Package Plant Plan
 - A. Add Notes 8 and 9 indicating items to be included with either the package treatment plant bid items or the reclaimed water system bid item.
- 8. Sheet C-302 – Reclaimed Water Line, LN A
 - A. Update all valves on this sheet to gate valves.
- 9. Sheets M-302 and M-303 – Storage Tank Plan and Section
 - A. Modify Note 1 to read “STRUCTURAL FOUNDATION SHALL BE DESIGNED AND PROVIDED BY THE STEEL TANK SUPPLIER.”

All items in conflict with this addendum are hereby deleted.

THIS ADDENDUM IS MADE PART OF THE SPECIFICATIONS AND CONTRACT DOCUMENTS, AND SHALL BE ACKNOWLEDGED ON THE COST PROPOSAL FORM AND ON THE PROPOSAL ENVELOPE.

ALAN PLUMMER ASSOCIATES, INC.
TBPE Firm No. 13

Stephen J. Coonan
Stephen J. Coonan, P.E.
April 7, 2017

