



1732-002-01

April 7, 2017

City of Wimberley  
Wastewater Treatment Plant Project

Re: Answers to Bidders' Questions

THE FOLLOWING ANSWER(S) TO BIDDERS' QUESTIONS ARE IN REFERENCE TO THE PROJECT LISTED ABOVE. THESE ANSWERS DO NOT MODIFY THE CONTRACT. ANY MODIFICATIONS TO THE CONTRACT WILL BE THROUGH ADDENDA.

1. The specification calls for the membrane system to be either hollow fiber or flat plate type membranes. The specification also references the TCEQ requirements specified in 30 TAC Chapter 217. There are different requirements for hollow fiber vs. flat plate membranes in terms of transmembrane pressure.
  - a. The following paragraphs have been modified to allow for permeate pumps: 11390 - 2.13.A. - 2.19.C.3 . See Addendum 1.
2. The specification currently only lists one approved manufacturer for screens and blowers.
  - a. The following blower manufacturers have been added to the approved list: Universal Blower Pac, Inc – Model 3C, Howden-Roots, and Aerzen.
  - b. The following screening manufacturers have been added to the approved list: JWC Environmental, Parkson Corporation, Kusters-Zima, Lakeside Equipment Corporation, and Hydro-Dyne Engineering . See Addendum 1.
3. For the equipment startup services, please clarify whether this must be a factory-trained field service technical representative of the equipment manufacturer or the Supplier.
  - a. The manufacturer of each equipment item included in the package shall provide a representative for startup services. See updated paragraph 1.10.C in Addendum 1.
4. Please clarify which SPECIAL CONDITIONS are referred to throughout the project manual
  - a. No special conditions are included in the project manual; refer to general conditions in each instance of mention of special conditions. Section 11390, Paragraph 1.10.B has been updated to remove reference to SPECIAL CONDITIONS. See Addendum 1.
5. To allow for proper sizing of the dosing system, please provide the influent alkalinity.
  - a. Updated paragraph 11390 - 1.4.C.7.d for influent alkalinity concentrations. See Addendum 1.
6. Are there additional chemical pump suppliers that will be allowed?
  - a. The following chemical pump manufacturers have been added to the approved list: Equal by Verder, Inc. and FlexFlo/Flex-Pro by Blue-White Industries, Inc. See Addendum 1.
7. Please confirm the scope of work of the local system integrator. The section lists the services that the integrator must be capable of providing, but the same section also states this work will be done by the MBR Supplier.
  - a. The Package Treatment Plant Supplier will be responsible for integrating the control of their system. They may utilize the services of a local system

integrator if need be, however the Package treatment Plant Supplier will be responsible for their work.

8. Can the supplier services times be increased?
  - a. Please see updated paragraph 11390 - 3.3.B for items "Functional and Performance Testing" and "Facility Start-Up" durations in Addendum 1.
9. Can you please clarify the material of construction required for the screens?
  - a. Material shall be 304 stainless steel unless otherwise noted per Section 11120 paragraph 1.7.D.3
10. The biological odor control system section of the spec is highly detailed in terms of product requirements, warranty requirements, factory testing, manufacturer services etc, such that the Odor Control System and Odor Control Fan could be bid directly to the contractors.
  - a. The biological odor control system shall remain a part of the package treatment plant bid item.
11. In order for the system to be able to use the equalization tank for equalization of peak flow, the system may require equalization pumps to transfer the wastewater from the EQ tank into the pre-anoxic tank.
  - a. The need for transfer pumps between basins will be dependent on the unique designs of the package plant suppliers. Transfer pumps may be necessary and are permitted by 11390 - paragraph 1.2.A.2.
12. Please confirm that Ethernet I/P is a suitable alternative to MODBUS
  - a. Ethernet TCP/IP (Modbus) or Ethernet IP will be acceptable.
13. Please clarify the scope of the package plant supplier regarding the foundation design.
  - a. It is the intent of the contract documents to have the Package Plant Supplier design and seal the foundation design for the treatment units (tanks) and any slabs needed for accessory equipment included in the package plant bid item.
14. Which equipment manufacturer was intended to be approved by including H2O in Section 004500 and Section 11390?
  - a. The equipment supplier mentioned to as H2O refers to H2O Innovation in both cases.
15. Are all un-named equipment manufacturers expected to be approved by the engineer during the bid phase?
  - a. Information can be submitted on any alternates for pre-approval with a package demonstrating compliance with the applicable specification seven (7) days prior to bids in order for the Engineer to consider modifying the specification. If applicable, package must include letter identifying deviations from the specification.
  - b. 00200 INSTRUCTIONS TO BIDDERS, paragraph 11.1 reads:  
*"The Contract, if awarded, will be on the basis of materials and equipment specified or described in the Bidding Documents without consideration of possible substitute or or-equal items. Whenever it is specified or described in the Bidding Documents that a substitute or or-equal item of material or equipment may be furnished or used by CONTRACTOR if acceptable to ENGINEER, application for such acceptance will not be considered by ENGINEER until after the Effective Date of the Agreement."*
  - c. 00200 INSTRUCTIONS TO BIDDERS, paragraph 29.1 reads:  
*"The specifications for of these Documents have been written around the manufacturers listed in the various sections of the specifications. The equipment of these manufacturers comprises the Contract base Bid. It is the option of each Bidder to submit alternative pieces of equipment from manufacturers not named in the various sections of the specifications. In the event that a Bidder so chooses to submit alternates to the Base Bid, he must submit a letter to accompany Section 00450 Equipment Supply Manufacturers identifying alternate pieces of equipment and enter the*

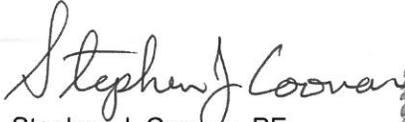
*appropriate deductive amount under corresponding Bid Item(s) in the Bid Proposal. The alternative bid shall include the cost for all civil, mechanical, structural, electrical, and instrumentation modifications necessary including the cost of any engineering design work deemed necessary by the ENGINEER due to the modifications."*

16. BID ITEM No. 6 IS FOR TWO(2) 6 GATE VALVES. ARE THEY THE TWO VALVES AT THE CONNECTION DETAIL ON SHEET C-302 WHICH ARE CALLED BALL VALVES?
  - a. Bid Item No. 6 has been updated to include the three (3) gate valves on C-302. C-302 has been updated to identify these valves as gate valves. See Addendum 1 for updated drawings and Section 00411 "Bid Schedule."
17. DOES THE 6 FORCE MAIN ON SHEETS C-109 THRU C-112 GO IN BID ITEM No. 1?
  - a. No, the force main is a separate bid item missing from the current bid schedule. See Addendum 1, Section 00411 "Bid Schedule."
18. DOES THE 8 EFFLUENT ON SHEET M-203 ALSO GO IN BID ITEM No. 1?
  - a. Yes.
19. DOES THE 6 BURIED SUCTIONS AND DISCHARGES FOR THE EFFLUENT TRANSFER PUMPS AND THE RECLAIMED WATER PUMPS GO IN BID ITEM No. 2 AND IN BID ITEM No. 4 RESPECTIVELY?
  - a. No, these items go in Bid Item No. 3. See Addendum 1 for updated drawings showing clarification.
20. 10. Please confirm the type of PVC for force main and reclaimed water as shown on Sheet G-002 UTILITY NOTE #21.
  - a. 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  
See Addendum 1, drawing G-002.
21. The Specs DO NOT INCLUDE SECTIONS 15020 – DUCTILE IRON PIPE AND 15030 – PVC & CPVC PRESSURE PIPE.
  - a. See Addendum 1.
22. Section 01302 references "Special Conditions," but this section is not included in the project manual.
  - a. Update references to Section 00700 "General Conditions." See Addendum 1.
23. Is there a budget estimate on the Wastewater Treatment Plant Project?
  - a. Wastewater Treatment Plant Project - \$1.8 M
24. Can you provide section 15050?
  - a. The project manual does not include any reference to Section 15050.
25. Is the force main part of the collection system bid? It is shown on the plans for the plant, so I just want to verify.
  - a. Yes, the portion of the force main between the existing lift station and the new plant is included in the wastewater treatment plant portion of the project. See Addendum 1, drawing C-108 for more detail.
26. On what size sheet of paper were these Electrical drawing Scale to? Was it a 24 x 36 or ?
  - a. The scales refer to full size drawings. Full size drawings are 22 x 34. In the bottom, right corner of each sheet, there is a ONE INCH bar for reference.
27. Would it be possible to accept the process engineer's PE stamp for process?
  - a. The contractor is responsible or providing Texas P.E. seal on submittals.

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28. It is the intent to use the Geotechnical engineering services to obtain the design for the rock foundation under the package plant and to utilize the teams PE stamp.
  - a. The contractor is responsible or providing Texas P.E. seal on submittals.
29. It is the intent to use the electrical subcontractor to provide engineering sign off by a professional on the layout and performance of the electrical and to utilize the teams PE stamp.
  - a. The contractor is responsible or providing Texas P.E. seal on submittals.
30. It is my understanding that a scale question has come up regarding scale can you please confirm the reference to scale is accurate for full size and half size drawings.
  - a. The scales refer to full size drawings. Full size drawings are 22 x 34. In the bottom, right corner of each sheet, there is a ONE INCH bar for reference.
31. What is the exact site address that should be used for project insurance and bonds?
  - a. City of Wimberley  
333 Blue Hole Ln  
Wimberley TX 78676  
Address description: approximately one mile northeast of the intersection of Ranch-to-Market Road 12 and Ranch-to-Market Road 3237, in Hays County, Texas 78676.

ALAN PLUMMER ASSOCIATES, INC.



Stephen J. Coonan, PE  
Principal  
TX PE 65516



SJC/HEF/CAS

cc: Mayor Mac McCullough, City of Wimberley