



ALAN PLUMMER
ASSOCIATES, INC.

ENVIRONMENTAL
ENGINEERS AND SCIENTISTS

1732-002-1
April 17, 2017

City of Wimberley
Wastewater Treatment Plant Project

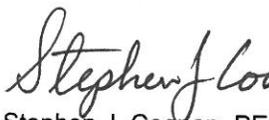
RE: Answers to Bidders' Questions

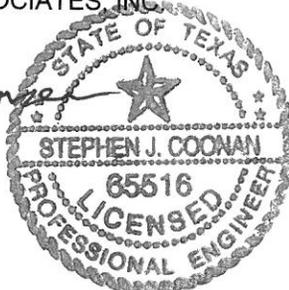
THE FOLLOWING ANSWER(S) TO BIDDERS' QUESTIONS ARE IN REFERENCE TO THE PROJECT LISTED ABOVE. THESE ANSWERS DO NOT MODIFY THE CONTRACT. ANY MODIFICATIONS TO THE CONTRACT WILL BE THROUGH ADDENDA.

1. The model number called out on the drawings show close coupled end suction pumps. The spec refers to flex coupled pumps. Which type of pumps is intended for this application?
 - a. The transfer and reclaimed water pumps shall be either closed coupled or frame mounted. See Addendum No. 2 Section 11074.
2. Will exception be taken from Flygt pumps for the EQ Basin, RAS and WAS applications?
 - a. In addition to Flygt pumps, KSB and Wilo are also approved for the project.
3. Are other UV manufactures allowed?
 - a. Glasco UV LLC shall be listed as an approved manufacturer. See Addendum No. 2 Specification Section 11390 Paragraph 2.10.E.
4. Will the use of magmeters by allowed for the measurement of effluent flow?
 - a. Magmeters will be allowed to be used as a secondary effluent flow measuring device. TAC 217.33 requires the use of both a primary and secondary measuring device for effluent flow measurement. The primary flow measuring device must include a weir or a flume. See Addendum No. 2 Section 11390 Paragraph 2.17.B.
5. Would marine grade aluminum tanks that are epoxy coated internally instead of the specified mild steel tanks be acceptable?
 - a. Aluminum construction of the treatment tanks will not be considered during the bidding phase.
6. The MBR process can operate at much higher MLSS loading rates. Is it possible to reduce the aeration chamber to be more consistent with MBR guidelines and design?
 - a. Based on substrate utilization and the maximum organic loading calculations required by the TCEQ, the reactor shall have a volume of at least 63,000 gallons (substrate based) or 71,200 gallons (organic loading based).
7. On sheets M-300 and M-301 ten (10) ea 1" manual air valves are mentioned. Please provide a spec and a detail for them.
 - a. The manual air valves at the reclaimed water pump stations shall be 1" wastewater air release valves and in accordance with Specification Section 15105, added to the project manual as a part of Addendum No. 2
8. The specifications for the treatment plant require the manufacturer to deliver the plant within 6 months of NTP but the contractor is required to be complete within 200 calendar days which isn't enough time for him to get it installed and up and running.
 - a. The contract time has been extended to 260 days. See Addendum No. 2.

9. The pre-fabricated concrete building only appears only on the electrical site plan and not the overall site plan.
 - a. The electrical building shown on the east side of the package plant on sheet E-300 and detailed on sheet E-303 should be accounted for in the bid.
10. Delays to the project schedule, in the range of 2-3 years, which are outside of the packaged plant supplier's control should not be included in the packaged plant supplier's warranty obligations.
 - a. Specification Section 11390, paragraph 1.12.B.3 shall be updated as follows "SUPPLIER's warranty, should CONTRACTOR be delayed, will not extend beyond 36 months after delivery of equipment, without adjustment in contract price." See Addendum No. 2.
11. Will regenerative blowers be permitted for the air scour blowers for the MBR basins?
 - a. Yes, see Addendum No. 2.
12. Are the fine screen openings supposed to be 0.25" as stated in the specification or 2 mm as required by the TCEQ?
 - a. Fine screens for hollow fiber systems shall have an opening size no greater than 2.0 mm. Fine screens for flat plate systems shall have an opening size no greater than 3.0 mm.
13. The bid schedule has the base bid listed as a bolted tank w/ cone roof, and an alternate of a welded steel tank with an open top. Please confirm.
 - a. Both the base bid and the alternate are for bolted steel tanks. See Addendum 2 for updated 00411 Bid Schedule.
14. Is there a geotech report available for this project?
 - a. SEE CLARIFICATION NO. 1
15. Is there an engineer estimate available?
 - a. SEE CLARIFICATION NO. 2
16. Regarding Clarification No 2, the answers to questions 27 and 28 contradict the response to question 13. Is the contractor OR the supplier responsible for seals?
 - a. The package plant supplier is responsible for seals required per the drawings and Section 11390 (ex. process, foundation, electrical, etc.)
17. There is a discrepancy between the liquidated damages detailed in the 00411 Bid Schedule and 00520 Agreement.
 - a. The Bid Schedule was correct; the Agreement has been updated. See Addendum 2, Section 00520 Agreement.

ALAN PLUMMER ASSOCIATES, INC.


Stephen J. Coonan, PE
Principal
TX PE 65516



SJC/HEF/CAS

cc: Mayor Mac McCullough, City of Wimberley