

Walnut Creek WWTP WRI Tank Assessment & Repairs

CIP 5267.027 IFB 6100 CLMC 411

January 29, 2013

Subject: Answers to bidders' questions from January 7, 2013 to the date of this letter. This does not modify the bid documents.

Question: "Does "commissioning" refer to the actual commissioning of the project or if it involves the start-up and testing of the installed equipment?"

ANSWER: THE COMMISSIONING REFERS TO THE START-UP AND TESTING OF THE INSTALLED EQUIPMENT.

Question: "Is the disturbed area greater than 1 acre?"

ANSWER: YES. REFER TO SECTION 01096 FOR ADDITIONAL INFORMATION REGARDING THE ACREAGE. THE SWPPP AND EROSION CONTROL SHEETS ARE INCLUDED IN THE DOCUMENTS.

Question: "Is the contract time sufficient?"

ANSWER: THIS QUESTION WILL BE ADDRESSED BY ADDENDUM.

Question: "Who built the 51st Street Tank?"

ANSWER: THE 51ST STREET TANK WAS BUILT BY LANDMARK STRUCTURES.

Question: "What is the status of the existing tank?"

ANSWER: THE TANK IS INSERVICE AND IS LEAKING. THE EXISTING TANK MUST REMAIN INSERVICE UNTIL THE NEW TANK IS PLACED IN SERVICE.

Question: "Please confirm Section 16182 Paragraph 2.02.B."

ANSWER: PHASE CONDUCTORS ARE LISTED AS TINNED COPPER. CP&Y AND THE COA WILL EVALUATE THE REQUIREMENT AND PROVIDE A CLARIFICATION OR ADDENDUM TO ADDRESS ANY CHANGE.

Question: "The plan set appears to be missing two sheets."

ANSWER: SHEET M-3 WAS ADDED BY ADDENDUM. SHEET SS-1 PROVIDES INFORMATION NEEDED TO COST ALLOWANCE #1 (RELATED TO SECURITY). ONCE THE CONTRACT IS EXECUTED, THE CITY WILL ISSUE A REQUEST FOR PROPOSAL WHICH WILL INCLUDE SS-1, SO THAT HE CAN PROVIDE A COST THAT WILL COME FROM THE ALLOWANCE #1.

Question: "Please confirm Section 16150 Appendix A."

ANSWER: THIS QUESTION WILL BE ADDRESSED BY ADDENDUM.

Question: Will this project include the Existing Tank Rehab?

ANSWER: THE CITY DOES NOT PLAN ON REHABILITATING THE EXISTING TANK.

Question: "Is it possible to find out who the Owner provided NACE inspector is going to be?"

ANSWER: THE SPECIFIC INSPECTOR IS NOT KNOWN AT THIS TIME.

Question: "The City is requiring full-time dehumidification (DH) once the painting begins, right? That means the aluminum dome will have to be in place before painting the interior. Care for overspray, etc. Just want to confirm as this effects cost."

ANSWER: THERE IS NO SPECIFIED SEQUENCE. THE CONTRACTOR SHALL REFER TO SECTION 13220 PARAGRAPH 1.05.A.9 FOR COATING AND LINING REQUIREMENTS ON THE UPPER SURFACES OF THE TANK WALLS PRIOR TO THE ALUMINUM DOME ROOF INSTALLATION. OVERSPRAY AND DUST CONTROL SHALL BE REQUIRED PER SECTION 09800 PARAGRAPH 1.05.D AND 3.03.E DURING THE COATING AND LINING APPLICATION. PER SECTION 09800 PARAGRAPH 3.03 A THROUGH F, DEHUMIDIFICATION AND TEMPERATURE CONTROL IS REQUIRED DURING ABRASIVE BLASTING, COATING APPLICATION, AND CURING WHEN THE AMBIENT CONDITIONS DO NOT MEET THE COATING MANUFACTURER'S RECOMMENDED VALUES AS DETERMINED BY THE INSPECTOR. THE CONTRACTOR SHALL RE-BLAST WORK THAT RESULTS IN FLASH RUSTING OR IMPROPER CURE AT NO ADDITIONAL COST TO THE OWNER.

Question: "Please clarify on Sheet C-2 Line "B" - 36" vs. 16" at the 7' MH."

ANSWER: THIS QUESTION WILL BE ADDRESSED BY ADDENDUM.

Question: "Please clarify Note # 6 on sheet T-4 – "... (6") sand cushion for tank plates to sit on..." It seems there is some confusion on the type of foundation for tank. Verbiage implies sand...drawings dictate concrete, please clarify."

ANSWER: AS NOTED IN NOTE 6 ON SHEET T-4 AND SECTION 13210 PARAGRAPH 2.02.B, THE STEEL FLOOR OF THE TANK RESTS ON A 6" SAND CUSHION THAT IS SLOPED UPWARDS FROM THE PERIMETER OF THE TANK TO THE CENTER. THE SAND CUSHION SITS ON TOP OF A FLAT CONCRETE SLAB SUPPORTED ON PIERS AND PIER CAPS AS SHOWN IN THE DRAWINGS.

Question: "Please clarify Note # 5 on sheet T-4 – "...across grade beam OR 2' into ring beam..."

ANSWER: THE INTENT OF THE NOTE IS TO MAKE CLEAR THAT SLAB REINFORCEMENT RUNNING TRANSVERSE TO THE GRADE OR RING BEAMS NEEDS TO BE CONTINUOUS ACROSS THE BEAMS. SOME ADJUSTMENT OF THE SLAB TRANSVERSE REINFORCING SPACING MAY BE REQUIRED TO ACCOMPLISH THIS.

Question: "Is there a pour sequence the engineer is after for the tank foundation? Drawings seem to indicate a "center pier"...a "ring beam" and then the grade beams and slab between the two...tied together with steel reinforcement. The construction joints shown are not keyed in anyway...and it would seem that possibly a 12" cap/slab over the whole thing...i.e., the top 12" of each beam as well, would be desired?"

ANSWER: THERE IS NO SPECIFIED POUR SEQUENCE. THE CONTRACTOR WILL NEED TO DEVELOP A POUR SEQUENCE AND SUBMIT TO THE ENGINEER FOR REVIEW. OPTIONAL CONSTRUCTION JOINTS ARE SHOWN ON THE DRAWINGS FOR REFERENCE. THE FOUNDATION IS MADE UP OF A CENTER PIER, A RING BEAM, GRADE BEAMS AND A 12" SLAB IN BETWEEN THE GRADE BEAMS.

Question: "Is a sheet S-1 forthcoming?"

ANSWER: THERE IS NO SHEET S-1. REFERENCE IN NOTE 5 ON SHEET T-4 WILL BE REVISED IN ADDENDUM 2 TO REFER TO THE SPECIFICATIONS.

Question: The specifications (SS11312-7, 1.06 C. 4.) require a maximum flow/minimum head condition of 5000 gpm @ 240' TDH. Our proposed pump would overload the 500hp motor

at this point. Is this a true operating point for the pump in the field? If not, please advise the low head operating condition for evaluation by the factory.

ANSWER: THIS QUESTION WILL BE ADDRESSED BY ADDENDUM.

Question: 11312-6, 1.06 C. 3. c. requires minimum wire to water efficiency of 79%. We can make a wire to water efficiency of 77%. Will 77% wire to water efficiency be acceptable?

ANSWER: THIS QUESTION WILL BE ADDRESSED BY ADDENDUM.

Question: I drawings 3, 4, & 7 show indicators on the Face of the LPU's. What type of indicator is required?

ANSWER: THIS QUESTION WILL BE ADDRESSED BY ADDENDUM.

Question: Drawing E-6 note 14, and I-2 indicate the flow transmitter is integral to the valve. Please confirm this is correct.

ANSWER: THIS QUESTION WILL BE ADDRESSED BY ADDENDUM.

THESE ARE ONLY FOR REFERENCE AND ARE NOT PART OF THE CONTRACT DOCUMENTS. THE DESIGNERS AND THE CITY OF AUSTIN TO DO NOT MAKE ANY ASSERTIONS THAT THEY COMPLETELY DESCRIBE THE EXISTING CONDITIONS. ALL BIDDERS SHOULD MAKE THEIR OWN SITE VISITS TO VERIFY.

END.