

QUESTIONS & ANSWERS #4

WQCF Sludge Thickener and Dewatering Unit No. 3 Project CIP 24006 & 24007

- Q.4.1. Specification 14624 has the monorail capacity as 4-Tons, Drawing 07S203 indicates monorail capacity as 1-Ton, which is correct?
- A.4.1. 1-Ton. See Addendum 4.
- Q.4.2. Can Engineer provide a section thickness for Aggregate base and Asphalt Pavement material not shown on City detail ST-14, as described?
- A.4.2. Refer to revisions to Typical Details in Addendum 4.
- Q.4.3. Spec section 11354 calls for a Rockwell PLC CompactLogix PLC, but section 01340 calls for Schneider X80 with no exceptions. What PLC is required in the VCP-07-001, VCP-07-002, and VCP-07-003 panels?
- A.4.3. Schneider Electric M340 PLCs utilizing X80 modules. See Addendum 4.
- Q.4.4. Spec sections 01340 & 16100 call for Schneider Altivar Process 660 VFD with no exceptions. Spec Section 16100 also calls for the drive to communicate via Allen -Bradley Ethernet protocol when the Schnieder Electric Altivar series drives communicate Modbus/TCP by default. The Altivar 660 is an enclosed drive system, and it would not be practical for these to be mounted in the enclosures of the VCP-07-001, VCP-07-002, and VCP-07-003 control panels. What VFD would be acceptable in the VCP-07-001, VCP-07-002, and VCP-07-003 control panels? Altivar 630 or 320 series?
- A.4.4. Reference to Allen-Bradley has been deleted. See Addendum 4. The Schneider Electric Process Altivar 630 VFDs for the VCPs are acceptable.
- Q.4.5. Spec section 11354 calls for an 8" touch color display operator interface but does not list an acceptable manufacturer or model. Please provide.
- A.4.5. Touch color display shall be shall be Schneider Electric Harmony GTU, 10.4. See Addendum 4.
- Q.4.6. We have been informed by the U.S. Government that material tariffs for specific liquid process equipment may be added to Proclamation 10896, Annex 1 in the near future. Do manufacturers need to make provisions, i.e. add more costs, for these possible tariffs in the bid price offered? Or will there be any provisions for post award price escalations if tariffs are placed on the specific liquid process equipment? By providing price escalations for tariffs based on specific equipment listed in Annex 1, the cost would only be added if the tariffs were put in place. Otherwise, the cost of possible tariffs will need to be estimated and added at bid time.
- A.4.6. Contractors shall price bids according to the current tariffs in place.

- Q.4.7. Keller is submitting the attached substitution letter to request that vibro stone columns be allowed in lieu of rammed aggregate piers which are prescribed in specification 02344. Additionally, we request the qualification requirement in section 1.05.B.2 of the specification be removed.
- A.4.7. Refer to Q&A 3.26, and the qualification requirement in section 1.05.B.2 of Section 02344 will not be removed.
- Q.4.8. Can you please advise if section 13122.2.02.A.6.a also applies to the canopy structure that will be used to cover the polymer tote tanks.
- A.4.8. Section 13122.2.02.A.6.a does not apply for the polymer tote area canopy.
- Q.4.9. Can you please advise if this project has any special material requirements, such as "Buy America" or "Buy American" that would require the use of 100% domestic material
- A.4.9. The project is not utilizing federal funds therefore Buy America requirements do not apply.
- Q.4.10. In section 13122.1.06.A.1 requires that the manufacturer be IAS AC-472 accredited, in section 13122.2.05 advises that components of the metal building systems fabricated in the manufacturers shop will be subject to special inspection. PEMB manufactures go through the IAS AC-472 accreditation process so as to avoid having special inspections occur during the manufacturing process. We will be using an IAS AC-472 accredited manufacturer on this project, will the inspections called for in section 13122.2.05 still be required?
- A.4.10. The inspections called for in section 13122.2.05 are not required for PEMB manufacturers that have IAS AC-472 accreditation. This will apply only for in-shop work. Special inspection shall be required during assembly and construction in the field.
- Q.4.11. Section 02344 subsection 3.02 Field Quality Control mentions performing a Hold-down test. Will there be net uplift in the foundation that GI will need to support?
- A.4.11. There is not expected to be net uplift on the structures. However, the final design from soil mitigation design will determine if uplift is present.
- Q.4.12. Please provide spec 02251, mentioned in drawing NO. 00GS003 sheet No. 42.
- A.4.12. The general note reference shall refer to specification 02344 for soil mitigation, not section 02251 as shown.
- Q.4.13. What is the acceptable vibration limit in peak particle velocity (PPV) for the adjacent structures?
- A.4.13. The acceptable vibration limit in peak particle velocity for adjacent structures shall be 1.0 in/sec.
- Q.4.14. Under Appendix A, page 3 of 3: Subcontractors: "Contractors shall require and verify that all subcontractors maintain insurance meeting all the requirements stated herein....." Small, midsized and DBE subcontractors will be unable to meet the GL and the Auto Liability limits. Please consider language similar to "The contractor shall cause and every Subcontractor will provide insurance coverage that complies with all the applicable requirements set forth by the Contractor. The Contractor shall have the sole responsibility for determining the limits of

coverage required to be obtained by the Subcontractor based on the Subcontractors contract and scope of work. The Contractor shall ensure that the City of Manteca shall be named as an additional insured on each of the subcontractor's policies where applicable."

A.4.14. The City will not modify our insurance requirements at this time.

Q.4.15. 00431 - Equal Employment Opportunity Certification and 00432 - Public Contract Code Section 10285.1 Certification. Both require a response and or signature from subcontractors. Can these forms required by subcontractors be submitted post bid by the apparent low bidder?

A.4.15. Both forms are required to be submitted at the time of bid.