

**MOCHO GROUNDWATER DEMINERALIZATION PLANT
CONCENTRATE CONDITIONING SYSTEM**

Alameda County Flood Control and Water Conservation District

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| Date: | May 9, 2022 |
| Project: | 294-21 |
| Prepared By: | Kevin Fitzgerald |
| Reviewed By: | AW |
| Subject: | Question & Answer Document No. 1 |

Purpose

To provide responses to inquiries submitted by Bidders.

Questions and Answers

Question 1: Does the Mocho Well 4 facility have to remain in operation throughout the project?

Answer 1: Yes

Question 2: Does the Hach CL17 chlorine analyzer in the existing Mocho Well 4 facility need to stay operational in order to maintain the operation of Mocho Well 4?

Answer 2: Yes. The Mocho Well 4 needs a functional Hach CL17 chlorine analyzer at all times in order to keep the well in-service and it is the Contractor's responsibility to ensure this.

Question 3: The plans show only 2 staging areas. Are there any more staging areas provided by District?

Answer 3: No. Contractor will have to make their own arrangements if any additional space is needed.

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Question 4: Will the Contractor have use of both gates off Stoneridge Drive for ingress/egress?

Answer 4: Yes. Contractor is responsible for their own security in accordance with the Project Manual and must lock up all gates at the end of each day they are on site.

Question 5: Is the Contractor allowed to discharge anything at the site such as water, wash water, pumped groundwater, wastewater, or any anything else?

Answer 5: No discharges of any type are allowed at the site.

Question 6: There are references in Specification Section 01100 – Summary of Work to Biological/Environmental Assessments by Others. Could you elaborate please?

Answer 6: District, or its Biological Consultant, will perform Biological and/or Environmental Assessments at District's cost once Contractor has given the required pre-construction notification(s). All Contractor and subcontractor crew onsite will also need to participate in a 15-minute environmental tailgate talk given by District. Contractor is referred to Section 01100.

Question 7: Does the Contractor have to provide, coordinate, and pay for all Special Inspection services?

Answer 7: Yes.

Question 8: What type of water, lighting, and power is available to the contractor for their use onsite?

Answer 8: As stated in the Project Manual, District will not be providing any water, lighting or power to the Contractor for their use. Contractor should also note the proximity to the project of the 4160 Volt and 21,000 Volt equipment and underground facilities that are existing on the site.

Question 9: Detail S559 / S-09 shows a Stud / Machine Bolt config for Grating attachment. In our past projects, this config has been difficult to shop weld to ensure the studs will be centered between the Grating Bars. They often need to be cut off in the field for re-welding or shipped loose for field welding. Is it acceptable to use Self-drilling screws? If not, Struct-Fast (www.structfast.com) offers alternative types of grating clips that eliminate the need for field welding. If either of these alternative config is acceptable, it will save the cost for field welding of studs in between bearing bars.

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Answer 9: Struct-Fast or equivalent product is acceptable. However, list of prior installations (including contact at installation), and any relevant cut sheets and material information need to be submitted for Engineer's approval.

Question 10: At Sulfuric Acid Platform per Dwg S02, KeyNote 1 shows the Platform Grating / Supports shall be FRP. However, for the L4 x 4 Ledger Angles per Keynote 3, the material requirement is not clear. What materials are the L4 x 4 Ledger Angles for the FRP Grating Support?

Answer 10: 316 Stainless Steel.

Question 11: At Sump Grating at Sulfuric Acid Storage Area per Dwg S01, S02, Section callout H / S07 shows S542 / TS-08. Detail S542 is for Aluminum Grating. However, the Platform Grating above is FRP. Could you clarify the Material for the Sump Grating / Support?

Answer 11: Sump grating and its support should be FRP.

Question 12: At the Existing Well Head Room, there are Additional HSS3 x 3 Framing per Details 9, 18 / S12. What coating are these Framing, Galv or Primed?

Answer 12: Galvanized.

Question 13: At the Existing Pump Room, there are C6 Steel Brackets for Wooden truss Support per S13. What coating are these Brackets, Galv or Primed?

Answer 13: Galvanized.

Question 14: At Removable Roof per E / S05, etc, what is the Coating for the Structural Roof Framing, Galv or Primed?

Answer 14: Galvanized.