

**Cathodic Protection Rehabilitation Project Phase II
RFB 8239**

Project Questions

1. Is there an onsite location to dispose of excavated soil?

There is a soil disposal area within the plant. It is approximately 1,000 ft south of the work area shown on Drawings CP-13 and CP-14. See addendum item 1.01.

2. Is there a water source for project needs?

Yes, non-potable water is available, refer to SS 01 51 00 – Temporary Utilities.

3. What are the pipe line materials for project?

Drawing Sheet	System	Pipe Material
CP-1	Digesters 8, 10 and 11 TD Lines	Cast Iron
CP-2	Digesters 8 and 10 OF Lines	Ductile Iron
CP-3	Digesters 11, 9, 6 and 4 OF Lines	Ductile Iron
CP-4	Digesters 7, 5, 3, 2 and 1 OF Lines	Ductile Iron
CP-5	LSG Storage Tanks	N/A
CP-6	LSG Storage Tanks	N/A
CP-7	Gravity Belt Thickner (GBT) TE Line	Ductile Iron
CP-8	Utilities around Digesters 8 and 10	Service Air (SA) – Copper
CP-9	Utilities around Digesters 8 and 10	Non-Potable (WN) – Wrapped steel
CP-10	Utilities around Digesters 8 and 10	Reclaimed Water (WRH) – Wrapped steel
CP-11	MS Gallery PD Line and MS Tank OF Lines	Overflow (OF) lines – Ductile Iron Pumped Drainage (PD) Line – Ductile Iron
CP-12	MSG Compressor Water Line	Reclaimed Water (WRH) – Wrapped steel
CP-13 and CP-14	SST Battery III Utilities	Reclaimed Water (WRL) – Wrapped steel Reclaimed Water (WRH) – Wrapped steel Service Air (SA) – Copper
CP-15	Grit Overflow (GRO) Line	Grit Overflow (GRO) - Ductile Iron
CP-16	Digester Battery Substation Utilities	SA and WN - Copper

4. Is a C-10 Electrical license really required?

The requirement for a C-10 license has been removed. See Addendum item 1.10.

5. What is the thickness of the concrete wall that will be drilled?

The concrete thickness is 12" and will need to be x-rayed by the Contractor to avoid rebar. See Addendum item 1.06.

6. Are the GRO lines welded on to the pipe in the tunnel?

Flanges for the GRO lines are not welded, they are bolted on, groove type flanges. Follow the notes on drawing CP-15.

7. On CP-11, note 6, what is the maximum number of excavation locations and joint bonding that should be included into the bid?

We are revising note 6 to indicate three locations. See Addendum item, 1.03.

8. What is the excavation method required to install the anodes?

The soil excavation method is to be selected by the contractor. Drawing and specification references mentioning a specific method are deleted. See Addendum item, 1.02, 1.07 and 1.09.

9. What is the typical thickness of Asphalt Cement?

Assume four inches.

10. What is thickness of the manhole wall per detail 1/CP-19?

Assume an 8" thickness.

11. What is the depth of the groundwater table and will it be an issue for drilling?

Groundwater is expected at about a 25 ft depth. The issues for excavating the holes are difficult to predict and the contract has provisions to compensate for unforeseen conditions, Spec. Sections 00 72 00 and 01 26 00.

12. In drawings CP-13 and CP-14, both specified details 2, 3 and 4 on CP-20 but CP-20 only has one detail.

The references to CP-20 are incorrect. The references are to photographs shown on CP-21. See Addendum No. 1.04.

13. In the specs, cathodic protection well is required. Are the anode holes no deeper than 50 ft considered cathodic protection wells and require well permit?

The local entity has stricter regulations than the State and considers all anode installation regardless of depth a cathodic protection well. Therefore, a construction permit from Sacramento County EMD is required.

14. How many crews can work at a time at different locations?

Multiple crews on-site are allowed but Access Requests and coordination with other on-site contractors will be a requirement.

15. Can the bid be postponed to June 1st?

Bid due date remains unchanged for May 18th.

16. Can the completion date be extended to 120 working days?

The District extends the completion date from 90 working days to 100 days. See Addendum item 1.11.