

RFB #8270 BID MEETING CONTRACTOR QUESTIONS

1. What are the pipe materials?

| 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 | Gravity Belt Thickener (GBT) TE Line | Ductile Iron |
| CP-6 | Utilities around Digesters 8 and 10 | Non-Potable (WN) – Wrapped steel |
| CP-7 | Utilities around Digesters 8 and 10 | Reclaimed Water (WRH) – Wrapped steel |
| CP-8 | MS Gallery PD Line and MS Tank OF Lines | Overflow (OF) lines – Ductile Iron Pumped Drainage (PD) Line – Ductile Iron |
| CP-9 | MSG Compressor Water Line | Reclaimed Water (WRH) – Wrapped steel |
| CP-10 and CP-11 | SST Battery III Utilities | Reclaimed Water (WRL) – Wrapped steel Reclaimed Water (WRH) – Wrapped steel Service Air (SA) – Copper |

2. Does the work involve repair of any existing outer coating of the pipes?

- a. There are no pipe coatings that have to be repaired. The wiring to structure attachment is shown in Detail 1/CP-13.

3. Most of the systems do not mention of dielectric isolation?

- a. The only dielectric union/flange replacement work is for the utilities around the Secondary Sedimentation Tanks (SSTs) in Dwgs. CP-10, CP-11 and CP-16.
- b. Continuity testing is described in SS 40 46 42, 3.03 B6.

4. Is continuity testing to be performed?

- a. Refer to SS 40 46 42 3.03 B.6.

5. CP-8 mentions to assume three joints required. How can we know for sure and if more found how will this be addressed?

- a. Additional work beyond three joints can be paid for with a change order.

6. Do the anodes for the 10" TD line need to be installed at pipe depth?
 - a. Refer to detail 2/CP-13. Anodes are to be installed at min. 10 ft depth or pipe depth table, whichever is deeper.
7. Drawing CP-10 shows a replacement of a flange. How are we going to get to the existing flange to install the new?
 - a. There is a spool piece that can be removed unless existing space between utility lines is enough to perform work.
8. Does the soldering need to be done by a mechanical contractor?
 - a. Contract does not dictate such specifics.
9. Do the open excavated areas need to be plated or just cautioned off each day?
 - a. Excavated areas can be barricaded off and use caution tape.
10. What are the requirements for exothermic welding versus pin brazing?
 - a. Detail 1 in CP-13 shows both methods available to perform the work. Please note that no exothermic welding is allowed in the manhole work between Digester Batteries 1 & 2.
11. How much water is in the manhole between Digester Batteries 1 & 2?
 - a. The District will be isolating the sumps that drain into the manhole but it will not be completely dry. There may be a few inches of residual water.
12. Can the contractor work on any lines without isolation shutdown?
 - a. No. Utility lines will require isolation before performing work.
13. What are the ground water elevations in the areas?
 - a. Attached to this document is a drawing showing groundwater elevations as of February 2018.

14. What are the working hours?

- a. Most contractors work 6:00 am to 4:30 pm.

15. Questions arose about the work inside the manhole and how to perform the wire attachments.

- a. Refer to item 1.02 in Addendum No. 1.

16. Will a drilling permit be required?

- a. Yes, contact the Sacramento County EMD office to get the permit and cost.

Christopher Hunley

e-mail: HunleyC@Saccounty.net

Phone: (916) 876-7277

17. An email was received asking if this was the same project advertised back in 2014 or 2015?

- a. This project was previously advertised and bid in May 2017. However, this new bid package has been reduced in scope due to a number of utility lines being eliminated.