

Response to Submitted Questions

Item #	REFERENCE		Question	Response
	Spec Section	Plan or Sheet		
1	Key Action Dates		Section - Key Action Dates; requires DIR Certification to SRCSD by 5/18. The project bids on 5/19. Is SRCSD requesting this information in writing prior to the bid date? No bid form was found for submittal of this information.	No, we are not requesting the DIR Certification in writing.
2	Scope of Work		Section - Scope of Work on pg 4 of the Request for Bid describes paving, entrance security system, replacement of a pre-fabricated guard shack, etc. This work was not found in the drawings or specifications. Please verify that this work does not apply.	See Addendum No. 1 for revised Scope of Work.
3	Standard Terms and Conditions		Section 5 of SRCSD Standard Terms and Conditions discusses SRCSD's exemption from sales, use, and federal excise taxes. This implies that the Contractor is not required to pay sales tax for materials used in construction of this project. Please confirm that CA sales taxes IS to be included as part of the final price to SRCSD, with taxes to be paid by contractor to vendors or directly to state.	See Addendum No. 1 for revised Section 5.
4	01300		Section - Key Action Dates notes that project is to be completed by 6/13/2015. Section 01300-1.03 indicates that Submittal review shall be approx. 20 days with resubmittals at 15 days with a max queue of 10ea. Section 01318-1.03 indicates that RFI review shall normally be within 15 days. We are concerned that if work is to begin within 15 days of NTP and the project is to be completed within 4 calendar months these review times may push the project beyond the 6/13 completion date. Please advise.	Project completion date is October 13, 2015 as stated on the Key Action Dates. Contractor is to make provisions on the bid to complete the work on the time allowed via extended hours, double shifts, weekend work, or other means. Submittal reviews generally are prompt and do not take the allotted time. We may be able to expedite critical submittals submitted shortly after NTP, but it may not be possible to expedite substitutions.
5		M10	Note 3 on Dwg M10 states that Contractor is to assume a replacement of 100 mounting bolts for the re-installed Digester #8 Mixers. Please provide diameter, length, and material type for the quantity to be replaced.	See Addendum No. 1 for revised M10.
6		M09	General Note 4 on Dwg M09 states that Contractor shall replace all gaskets and re-use existing bolts on all valve work. If bolts are lost or unusable, Contractor is to provide. It is impossible for the Contractor to quantify unusable or missing hardware prior to the start of work or estimate what will be damaged during the dismantling of existing facilities. Please confirm that upon discovery, any bolts found to be missing or unusable will be at District expense or provide some quantification for estimating purposes as was done with the Mixer hardware.	See Addendum No. 1 for revised M09.
7		M11	Note 2 on M11 states that interior/exterior concrete walls and roof of Digester 8 are to be coated per 09900. Please confirm that this does not include the interior of the Digester roof or the vertical portion of the walls that have plastic lining per Dtl B/M12.	Seal Coat will not be required at the Plastic Liner locations.
8		M11	Dwg M11 references a backer rod and sealant installation at EL 116.00 per Dtl A/M12 at what appears to be the interface of the outside concrete slab and the exterior tank wall. Please provide installation limits or lineal footage quantity for bidding purposes.	See Addendum No. 1 for revised M11 and M12. Backer rod and sealant is located at finish grade EL 115.50. Digester No. 8 perimeter mentioned on Note 1 can be calculated using the internal internal tank diameter of 115 feet and wall thickness of 1 foot each.
9		M12	Please provide depth, width, and thickness for sealant and backer rod installation as referenced by Dtl A/M12.	See Addendum No. 1 for revised M12.
10		M12	Note 1 on Dwg M12 appears to be associated with the backer rod and joint repair at approx. EL 115.50 in Section 1/M12 where Dtl A/M12 is referenced. Note 1 states that Contractor is to remove existing non-submerged failed sealant at the Digester #8 perimeter. It is impossible for the Contractor to know what the District considers to be failed and what quantity requires replacement. Additionally, it is unclear the limits of this work. Is this work intended to only be conducted at EL 115.50 or all locations where exterior concrete slabs adjoin the exterior of the Digester wall? Please confirm limits or provide a LF quantity for bidding purposes.	See Addendum No. 1 for revised M12. * Entire perimeter at EL 115.50.
11		M12	Note 2 on M12 states that Contractor is to replace all of the Sikaflex 1A sealant along the entire exterior perimeter of the Digester. Is this different than the sealant discussed in Note 1 and referenced in the question above (WML Q#10)?	See Addendum No. 1 for revised M12. *Yes, it is different location. Roof Exterior Sealant on Note 2 is shown on B/M12 at EL 143.

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12		M12	Please provide depth, width, and thickness for interior and exterior sealants required per Dtl B/M12.	See Addendum No. 1 for revised M12. * Crossection dimentions for the roof interior and exterior sealants are the same.
13		M12	Note 3 on Dwg M12 states that the roof seal requiring replacement is composed of the plastic lining sheet, weld strips, and sealant on the inside and outside of the tank. Although Digester #8 is 365LF, Contractor is to estimate 100 LF repair for Bid Item #9. However, Note 2 says to replace all of the exterior and the accessible interior sealants. Are Note 2 & 3 both limited to the 100 LF quantity in Bid Item #9?	See Addendum No. 1 for revised M12. * Only Note 3 is limited by Bid Item # 9.
14		M12	Note 3 on Dwg M12 further states that the plastic liner on the vertical wall is to be replaced. No height limits are indicated other than EL 141.00 on Dtl B/M12. In order to determine a price for repair by the lineal foot, please confirm that vertical liner is to be replaced from EL 141.00 to the deck. Additionally, confirm how much of the roof liner is to be replaced in these areas.	See Addendum No. 1 for revised M12.
15		M22	Dtl 1/M22 shows the use of vic couplings. However, Spec 15050-A6 for DS piping indicates that joints 2.5" thru 12" are to be flanged or welded. Please confirm that vic couplings are acceptable and provide material, gasket, and hardware information.	See Addendum No. 1 for text shown below. Add the following note to the Remarks section at the bottom of the DS Pipespec on Sheet 15050-A7: 4. For Detail 1 on Sheet M22 only, pipe fittings shall be glass-lined, ductile iron grooved end fittings. Grooved end couplings shall be flexible-type grooved end couplings with nitrile gaskets. Hardware shall be coupling manufacturer's standard electroplated carbon steel.
16	15050		Per the Piping Schedule in 15050, service lines identified as CS, LSG, MS, etc. are Mild Environments and are shown to be 316L SST piping but with carbon steel zinc plated fasteners. Please verify that carbon steel nuts and bolts are to be used on SST pipe lines.	Confirmed.
17	15050		No pipe material specifications were found in Section 15050 for TD lines. Please provide pipe specs or indicate its inclusion in an associated system pipe system.	See Addendum No. 1 for text shown below. Add the following to Note 4 on Sheet M24: Cut existing piping and install new ASTM A234 Class 150 forged steel flanges as required to fit the new dismantling joints. Weld flanges to existing pipe in accordance with Section 15061. Repair damaged epoxy lining and coating, as well as coat the new flanges, with epoxy coating system HSE3, per Section 15061 and Section 09900. Flange gaskets shall be 1/8" thick neoprene cloth-insert, per Section 15050.
18	15050	M21, M22	Dtl 1/M22 shows the installation of a new 8" Vic cross and other fittings at the base of the existing 30" DS/SG Standpipe. This detail also references Photo A/M21 which appears to show the existing piping at the connection to be painted DIP or Steel. However, Spec 15050-A6 & A8 note that DS and DS/SG piping is to be Sch 40s 316L SST. Please confirm that the 8" piping modifications are to be complete with DIP pipe and vic couplings.	See Addendum No. 1 for text shown below. Add the following note to the Remarks section at the bottom of the DS Pipespec on Sheet 15050-A7: 4. For Detail 1 on Sheet M22 only, pipe fittings shall be glass-lined, ductile iron grooved end fittings. Grooved end couplings shall be flexible-type grooved end couplings with nitrile gaskets. Hardware shall be coupling manufacturer's standard electroplated carbon steel.
19	15050		Spec 15050-A10 provides information for Pressure Gauges on LSG lines. However, no gauges were found. Please confirm no pressure gauges are required.	Pressure gauges are not required.
20	15050	M16	Dwg M16 indicates that the new tee for mounting relocated butterfly valves at the Flame Arrestors is to be constructed of 12" 316L Sch 40s SST. However, 15050-A10 notes that LSG piping in the size range of 2.5" to 24" should be Sch 10s. Please confirm all Flame Arrestor piping is to be constructed of Sch 40s 316L SST.	M16 has specific "Notes for Tee Fabrication" . Used 15050-A10 where specific notes are not provided.
21	15050		Spec 15050-A11 for the LSG piping includes a section concerning ¼"-1/2" Compressed Air Filter Regulators. No regulators were found. Please confirm that this section does not apply.	Compressed Air Filter Regulators are not required.
22	15050		Spec 15050-A13 indicates the use of 3 different types of fasteners depending on the environment classification. No classification was found for the OF lines within the dwgs. Additionally, 5 different gasket materials are presented in this section, from PTFE to Neoprene which are completely different materials. It is unclear which gasket type is to be used at what locations. Please clarify.	See Addendum No. 1 for revised M09. See revised M09, Note 11 indicating the inside of the digester to be a harsh enviroment. Any of the specified gasket material will meet the design intent.

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23	09900	M11	Note 3 on Dwg M11 states that there is a 17' tall x 110ft long area of existing epoxy concrete coating on the tank wall that is to be removed and replaced per 09900. Please confirm that the existing coating in this area is to be removed but then re-coated under the work highlighted in Note 2; Concrete sealer at all interior / exterior tank walls and exterior roof per 09900 and is not in addition to this work.	See Addendum No. 1 for revised M11.
28		M20, M21, M23, M24	Dwgs M20, M21, M23 and M24 indicate replacements of existing valves with District provided valves. Please confirm that the new / used replacement valves are the same lay length and will not require new couplings or modifications to existing pipe spools.	See Addendum No. 1 for revised M23.
29		M22	Dwg M22 shows the replacement of Valves 83DS103 & 173 with associated piping. Note 2 & 8 imply that the pipe material is painted carbon steel and that isolation kits should be provided for dissimilar metals. However, 15050-A6 indicates that the DS piping system should be Sch 40s 316L SST. Please confirm pipe material to be carbon steel with zinc hardware.	Correct - DS at this location is carbon steel, thus the reason for isolation kit to the stainless steel connection.
30		M18	Note 2 on Dwg M18 states that pipe connections to be butt welded unless otherwise noted. Please confirm that small diameter LSG piping can be threaded as indicated in 15050-A10 and that welding is limited to the 14" piping.	Correct.
31	15250	M14, M20, etc.	Spec 15250-2.02 and Table A indicate that new or replacement insulation is to be elastomeric without a jacket or cover. Note that all existing insulation shown in photos on Dwgs M14, M20, M25, etc. have a jacket / cover. Please confirm that no jacket or cover is required.	Correct - Specified insulation is UV resistant and jacket is not required.
32		M11	Note 4 on Dwg M11 states that Contractor shall provide scaffold dance floor and access for District inspection of the HDPE liner at the roof seal and the ceiling. It is likely that no work will be able to be performed during this inspection time. As this will impact work activities and potentially the schedule, please provide a duration for this inspection.	See Addendum No. 1 for revised M11. * District inspection of the plastic liner to determine failed sections may take a full day.
33		M10	Note 10 on Dwg M10 states that Misc Coatings includes utility stations, pipe supports, blind flange penetrations, misc metal, etc. on or around the structure. Please confirm that coating of misc items will be limited to those work items specifically identified in the dwgs provided.	See Addendum No. 1 for revised M10. * The words "as directed" on Note 10 were not intended to be part of Addendum No. 1.
34		M12	Note 3 on Dwg M12 states that the contractor is to base their estimate of the roof seal replacement on a repair of 100 LF. Please confirm that this is a continuous 100LF. Misc starts and stops will create additional welding which cannot be quantified without knowing the number of patches.	See Addendum No. 1 for revised M12.
35		M11	Note 4 on Dwg M11 and other locations call out the interior tank lining to be "plastic T-lock". Spec 03740-2.02 states that the lining is HDPE as manufactured by Poly-Tee. Please confirm liner material. Additionally, no info could be found on Poly-Tee. Please provide contact information for Poly-Tee or other acceptable manufacturer.	See Addendum No. 1 for revised M11. Poly - Tee was purchased by Ameron and they have discontinued the product. GSE Environmental, LLC was indicated as the new HDPE supplier on Addendum No. 1. AGRU SureGrip was named on the original installation and it may be a possible substitution if material meets the specification.
36	03740	M12	Spec 03740-3.03.C & D provides installation notes for sheet application and repair to concrete. According to Note 3 on Dwg 12, this repair is limited to the angled sheet welded to the Poly-Tee liner embedded in the concrete wall and any required weld strips. Essentially an angled patch over existing liner, see B/M12. Please confirm that no concrete repair is required and that no sheet liner is to be replaced directly on the wall concrete.	See Addendum No. 1 for revised M12. * Please see revised Note 3 since the question shows there is a misunderstanding of the required work.
37	Agreement	Pg 40	Page 40 paragraph VI of the specifications references Builder's Risk Insurance. But when referring to the "Insurance Requirements for Contractors (pg.18)" it nowhere mentions a Builder's Risk Policy. Can you clarify if Builder's Risk Insurance is required for this project?	See Addendum No. 1 indicating builders risk insurance is not required.
38			Just wanted to confirm the wash water (from pressure washing interior & exterior concrete walls & roof) can be discharged to the surface run-off drain system w/ filtering through sand bags and straw waddle.	The water from <u>outside</u> can be discharge to the surface run-off drain system. However, the <u>inside</u> may need to be discharge to sanitary manhole nearby since it will be pumped anyway. Filtering through sand bags and straw waddle will be required for both.

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39	09900		I would like some clarification on what the intention of the paint schedule, in section 09900, page 19 & 20, Item 6. Steel Piping and Appurtenant Hangers and Supports, a) Exterior Pipe supports, blind flanged penetrations at digester wall, utility stations and other miscellaneous metal structures on and around the digester. Is the intention to prep and coat all metals on the exterior of the digester, regardless if there is new work being done in that area? Per the spec, we would have to sandblast all pipe supports and metals, and also have to contain all of these locations. Please advise if this is Sac Regionals intention.	The intended locations mentioned on the question have been identified on the contract documents. Surface preparation and coating may be overkilled for some components, but contractor should price them as specified. Some deviations on a case by case as approved by the District representative may be possible during the performance of the work.
40			I noticed that the valves to be replaced on the LSG piping (at the Flame arrestors for example) are cast iron or some non-SST material. I do not know the material of the replacement valves, however the specs and dwgs call for isolation at dissimilar metals. I assume that even if the new valves are cast iron, this is not the isolation you intended, and that standard BNGS with NO isolation gaskets-sleeves-etc. would be appropriate. I assume that the isolation is meant mostly for changes in piping material, DIP to SST, etc. Can you advise on this?	Specific locations for dissimilar metal isolations are shown on the drawings. All other locations to be gasketed per specified materials.