

**REQUEST FOR INFORMATION
FOR
COUNTY OF SAN MATEO**

**LISTED BELOW ARE THE QUESTIONS (Q) SUBMITTED BY
POTENTIAL BIDDERS FOR THE**

**MEMORIAL PARK
WASTEWATER TREATMENT FACILITIES
IMPROVEMENT PROJECT**

**COUNTY PROJECT NO. P23P4
PROJECT FILE NO. E4955**

**THE COUNTY OF SAN MATEO DEPARTMENT OF PUBLIC WORKS
HAS PROVIDED RESPONSES (R) TO THE QUESTIONS BELOW**

NOTE: See <https://publicworks.smcgov.org/memorial-park-wastewater-treatment-facilities-improvement-project> for updates. All inquiries/Request for Information (RFI) shall be submitted to alum@smcgov.org and cchoi@smcgov.org prior to **5:00 PM on Wednesday May 15, 2019**. The County will respond to your RFI's by Friday May 17, 2019.

Q1. Please clarify what items of work are to be paid in Item 13 Concrete Work and Item 16 Cast-in-Place Sitework Concrete. It is assumed all concrete for the new WTP and Control building would be Item 15 Cast-in-Place Structural Concrete.

R1. From the Bid Schedule (NC and PR Sections) in the bid documents:

- Item 13 "Concrete Work" Includes payment for the following sections: 03100 Concrete Formwork and 03315 Grout.*
- Item 14 "Cast-in-Place Structural Concrete" includes concrete for the new wastewater treatment plant (WWTP) and the structural improvements for the screen channel.*
- Item 16 "Cast-in-Place Sitework Concrete" all concrete and reinforcement for the drainage ditch, equipment pad, concrete for bollards and fence posts, and all other concrete not included in the WWTP structure or CMU control building.*
- Item 17 "CMU Control Building" included all concrete and reinforcement for the CMU control building*

Q2. Section 13122 Pre-Engineered Metal Canopy, Paragraph 2.02, indicates galvanized coating for primary and endwall framing, while Paragraph 3.02 indicates coating per section 09900. Please clarify if finish coating will be required over the galvanized components.

R2. Section 13122-2.02.C. indicates galvanized coating as a requirement for fabrication and transport. Section 13122-3.02.B. states that factory-applied shop coating is intended as temporary protection during delivery, storage, and erection. Section 13122-3.02.C. states that all primary, endwall, and secondary

structural framing components shall be field sand blasted and coated per Section 09900 after erection.

Q3. Section 16208, Paragraph 2.01 indicates several manufacturers for the generator system or approved equal, however, plan note 5, sheet E02, indicates a Kohler generator with No Equal. Please clarify which generators will be acceptable.

R3. The generator shall be as specified in Note 5 on Drawing E02 with no equal.

Q4. Project drawing Sheet #7 (C04) shows trees outlined with different symbols. There is no legend to explain what the various symbols indicate. What do the different symbols mean and can clarification be added in order to indicate what actions bidders are to account for in our bid pricing with these trees?

R4. The symbols (squares around the trees) represent tree protection fencing. Addendum No. 1 will be issued by May 15, 2019 to address this concern. Bid Item for "Tree Protection" will be included in Addendum No. 1.

Q5. Drawing Sheet #39 shows the layout of the buttresses which support the canopy. The details for the buttresses are referenced to sheet #41, for both the four buttresses along the sides and the corner buttresses, however as shown on Sheet #39 they are quite different. The detail on sheet #41 does not represent the corner buttresses. Where are the details for the two corner buttresses with dimensions, depth, width, etc... shown?

R5. Addendum No. 1 will be issued by May 15, 2019 to address this concern. Please see revised Sheet S101(rev) included in Addendum No. 1.

Q6. The roof trusses for the Control building are not shown or described in the spec. Sheet #43 shows a truss without description and on that same sheet there is a reference to the Plan view in Detail 1 – but the plan view on sheet #42 does not show and trusses. We are contractors and not routinely engaged in design of timber trusses, spec section 06190 provides no useful information. Can we get a design of the required truss such that we can contact our suppliers and communicate to them what is required for these trusses?

R6. The roof truss for the CMU control building specified in section 06190 is a prefabricated wood truss. We do not expect the contractor to build their own truss, but to get one from a supplier that makes them per the specifications. The pitch of the roof for the control building is 4V:12H as stated on Sheet A202. The roof size, including overhang, is shown on Sheet A201.

Q7. In the spec's - 1.08 states: roof panels to be Kynar coated BOTH sides. This is not standard in the industry. The top would be Kynar the bottom would be a "wash coat".

R7. We believe this is referring to Section 13122.1.06 Warranties. Please disregard the Kynar coating as it is not used.

Q8. Spec 2.05 - Finish states roof panels, wall panels to be coated with Star (MBCI) Signature 200. This is a silicone/polyester system NOT Kynar. Also, plan sheet A101 - States translucent panels, earthen color, not a painted panel as stated in 1.08. Please clarify panel type and coating system.

R8. We believe this is referring to Section 13122.2.04. Wall paneling should not be part of this section. Yes, they will be translucent, earthen color, not painted. This Section relates to roof paneling finish.

Q9. Lastly the roof pitch is normally stated 1:12, 2:12, 3:12 etc they state 2:1?? Please confirm/clarify the required roof pitch.

R9. The roof pitch is 6V:12H.

Q10. Drawing E100 shows various equipment that will require conduit be installed. Is the design intent to install the majority of the conduits as PVC conduits embedded in the top slab of the concrete deck? Or is the intent to install all conduit exposed / overhead on the canopy structure? How should we bid this work?

R10. The design intent is to install majority of the conduits exposed and as specified in Section 16110. Conduit type shall be as specified in Section 16110, 1.01. Use of PVC conduits embedded in the top slab of the concrete deck is allowed, if the Contractor chooses this type of installation at Contractor's discretion, however, there shall not be any additional cost to the Owner.

Q11. Most of the equipment shown on Drawing E100 that requires conduit does not have conduit sizing shown. Please provide conduit sizes.

R11. Unless otherwise stated on the drawings, all conduits shall be ¾" per NEC conduit fill requirements.

Q12. Drawing M402, Section A, indicates installation of an air unit and mixer, however, we could not find any specification information for this work. Please provide additional information on the unit required.

R12. Addendum No. 1 will be issued by May 15, 2019 to address this concern. See Section 11519, "Air Powered Mixers" included in Addendum No. 1 for additional information.

Q13. Bid Item #29 is to account for the FRP Tank Covers, which is listed as a Lump Sum bid item. On Drawing sheet #18 there are two covers shown., the other pits appear to remain uncovered. Are these two covers the only FRP covers required for this bid?

R13. The sections of the WWTP that are covered are cast-in-place concrete. Please refer to sheets 25, 26, and 28 (Drawing M401, M402, and M404) for the location of the FRP covers. The FRP covers will cover the new wet well and screen channel.

Q14. In the Special Provisions, on Page 6, the Description of Work lists Item #9 as: "Install bypassing of existing WWTP to new WWTP". However in searching the specs, we can find no other information regarding the temporary bypass. Where are the bypassing parameters provided? What is the flow volume we must account for with this bypass?

R14. Addendum No. 1 will be issued by May 15, 2019 to address this concern. See Section 02145, "Sewer Bypassing Systems" included in Addendum No. 1 for additional information.

Q15. Is the chain link fence around the WWTP 8' high with a 2" galvanized chain link mesh or does it 3-1/2" x 5-1/2" plastic slatted chain link fabric? The plans show a Caltrans Drawing and the Specifications call out something different.

R15. The chain link fence shall be installed per referenced Caltrans Drawing on Sheet C10.

Q16. Does the fence have 3 strands of barbed wire?

R16. This fence does not have barbed wire.

Q17. Does the fence have a top and bottom tension wire or a 1-5/8" top and bottom rail?

R17. The chain link fence shall be installed per referenced Caltrans Drawing on Sheet C10.

Q18. Plans call out a 8' wide Cantilever gate but the specifications call out a double swing gate, please advise if the gate is a cantilever gate or double swing gate?

R18. The fence gate shall be a cantilever gate.

Q19. The specifications call out a 2" square frame for the gate but the plans show a Caltrans detail which is a 1-7/8" OD gate frame; which is the intended frame?

R19. The chain link fence gate frame shall be installed per referenced Caltrans Drawing on Sheet C10.

Q20. Is this a Buy America/n project?

R20. This project does not have Buy America requirements.

Updated as of **May 14, 2019 at 5:00 P.M.**

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