



M E M O R A N D U M
PROC #22-02

NOTICE TO BIDDERS

CLARIFICATION NO. 1

SENT VIA E-MAIL

DATE: February 2, 2022
TO: **POTENTIAL BIDDERS**
FROM: Margaret M. Maddalena, Contract Administrator
RE: **CONTRACT #2087 CLARIFIER REHABILITATION, BASINS 1 – 4**

Question #1 Please refer to Section 08 30 00 – Specialty Doors. The Specified finish is No. 2B. Please advise if a No. 4 finish is acceptable?

Response: ***The No. 4 finish is acceptable to use.***

Question #2 The stated head load is 32' – is it seating or unseating? (water pressure pushing door open or closed)?

Response: ***The door shall withstand 32 feet seating head.***

Question #3 We will be substituting a capable manufacturer not listed in the specifications. Please advise to the substitution process.

Response: ***The Commission has specified a hoseless design and we would not consider the hose-based system to be an “or equal”.***

Question #4 Please advise as to estimated Viscosity and percentage mixture of sludge and anthracite for pumping purposes.

Response: *After the basin is drained, the anthracite and sludge mix will be on the basin floor in solid form. If contractor intends to handle mixture as a liquid, the mixture will need to be liquefied and the viscosity will depend on the amount of water utilized to liquefy. It is anticipated that the mixture will be primarily anthracite, however pockets of sludge are likely.*

Question #5 Confirm loading requirements for basin roofs.

Response: *Maximum loading on basin roofs is 210 lbs/sf.*

Question #6 Is there any means to shut down the influent and effluent channels to install the stop log frames? Contractor (per Detail) must grout frames into place, this cannot be done in the wet.

Response: *Yes, existing stop log locations shown on Drawings S-5A, S-40A, and redlined G-002 can be utilized to isolate and shutdown sections of the channel. Stop log locations exist between Basin 3&4 Influent and Effluent Valves as well as between Filters 5&6. Contractor to supply new logs for all existing stop log locations that will be utilized to ensure safety and reduce water leakage. Contractor should also plan to sandbag and pump as required. This work may only be possible during certain plant flow conditions. All work must be planned and all materials selected to minimize downtime. See attached drawings S-5A, S-10, S-22, S-40A & S-49 for stop log details. Contractor to field verify all dimensions. Depending on contractor means & methods, chosen sequencing, schedule, and stop log dimensions, it may be possible for Contractor to use one set of stop logs for multiple locations.*

Question #7 How will basins 5 – 6 be isolated for valve work on basins 3 – 4 valves? (Basins 1 – 2 can be isolated using new stop logs)

Response: *There is an existing stop log location just south of Basin 4 Influent Valve that can be utilized. This stop log was added after the initial plant construction, and spans the entire basin influent conduit as shown on redlined drawing G-002. There is also an existing stop log location in the southern portion of the basin effluent channel as shown on drawings S-5A and redlined drawing G-002. This location is just north of where Basins 5&6 effluent water connects to the basin effluent channel. Installing stop logs into these two locations will allow Basins 5&6 to remain in service while work is performed on*

Basins 3&4. Contractor to supply new logs for all existing stop log locations that will be utilized to ensure safety and reduce water leakage. Contractor to field verify all dimensions. Contractor should also plan to sandbag and pump as required.

Question #8 During construction of stop logs in the Filter Influent Channel how will flows be diverted? As this work requires formwork/concrete/resteel installation.

Response: See Response to Question #6.

Question #9 No flows/suction/discharge locations have been given. How does contractor size by-pass pumping?

Response: See Responses to Questions #6 and #7. Pumping may be required base on contractor means and methods. If pumping is required, assume flow to each basin is 20-25 MGD.

Question #10 Page I-28 Consent of Surety references the POT Perm Project at the bottom of the page, as does page C-31& C-32 Certificate of Acknowledgement for Contractor (Corporation)

Response: Please see Addendum #1.

Question #11 There is no Builders Risk Insurance requirement which is odd for a project such as this.

Response: Prior to delivery of any materials by Contractor or any Subcontractor of insurable values to the Project Site, Contractor shall obtain and thereafter at all times during performance of the Work, maintain, or cause to be maintained, Builder's All-risk Insurance as described below. Such builder's all-risk insurance shall insure as additional insured, the Commission. Builder's all-risk insurance shall cover all property in the course of transit, in temporary storage, used in construction, buildings and structures, machinery, fixtures, and other properties constituting a part of the Project, from physical loss or damage caused by perils covered by a builder's all-risk form or equivalent coverage. Such insurance shall include "extended coverage" including earthquake, flood, collapse, and subsidence, mechanical and electrical breakdown during testing and commissioning and cover the

Project and the Commission's property. The property limit to be purchased shall be the full replacement cost of the Work, no less than the full construction contract amount. Coverage will be written on a "special" form cause of loss and include an agreed amount endorsement containing no co-insurance provisions or deduction for depreciation with deductible of no more than \$25,000 and include a limit for loss of business income due to delay in start-up. The Builder's all risk insurance policy shall not contain exclusion for resultant damage caused by faulty workmanship, design or materials. The deductibles shall not exceed \$25,000 and any required payments of the deductibles for builder's all-risk insurance shall be the responsibility of the Contractor. Such insurance shall provide for a waiver of the underwriters' right to subrogation against the Commission, the Contractor and all Subcontractors.

cc:

Tim Eustace, Executive Director
Maria Alliegro, P.E., LEED AP, Director of Engineering
Paul Serillo, Director of Facilities
Michael Dox, Engineering Project Manager