



Orange Water and Sewer Authority

Our community's trust partner for clean water and environmental protection.

ADDENDA

ADDENDUM NUMBER 01

DATE: DECEMBER 22, 2023

PROJECT: JONES FERRY ROAD WATER TREATMENT PLANT PFAS TREATMENT IMPROVEMENTS
CIP NO. 272-63

OWNER: ORANGE WATER AND SEWER AUTHORITY (OWASA)

TO: ALL SUBMITTERS

This Addendum forms an integral part of the Request For Qualifications (RFQ) and modifies the RFQ Documents dated December 14, 2023 with amendments and additions noted herein below.

Submitters are to acknowledge receipt of this Addendum in their submittals of qualifications.

This Addendum consists of 3 pages.

CHANGES TO RFQ:

1. Submittals (including resumes) shall be limited to a maximum of 8 double-sided letter-sized pages (i.e., 16 pages printed double-sided onto 8 sheets of 8-1/2"x11" paper) plus up to one 1 double-sided tabloid-sized page.
2. OWASA is planning to notify respondents of the shortlist selection on the afternoon of Monday, January 22, 2024, to conduct interviews with shortlisted firms throughout the morning of January 26, 2024, and to finalize a selection decision by January 29, 2024.

ADDITIONAL INFORMATION:

1. Link to meeting recording:
<https://us01.z.antigena.com/l/6XS98VCH1a1S85MUY5IEicbKw5zhiuRqcw9vkffbD64kWBbZWSNbxKtWr~bNNNyENfW-LEV9NpJn4SzFukK-XVjoLdQxE7pFoOdfeolcCokxBltCa8qvoC60TwPHqieHQk7zEaCtg~aI7-KzdbrVcNz96k>

QUESTIONS:

1. *Will RSSCT results or the final conceptual Tech Memo be provided?*

Response: No.

2. *Is there more definition around the funding application scope?*

Response: Much of this is still to be determined. OWASA Board approved for staff to apply for the DWSRF Emerging Contaminants funding, and it is expected that an application for PFAS planning study costs will be prepared in the spring with assistance from Brown and Caldwell under the planning contract. Potential funding, whether DWSRF-EC, WIFIA, or other, for the construction project will need to be assessed for likelihood and for impact to schedule and cost.

3. *Clarify general locations to be assumed for existing and new clearwell, PFAS intermediate pump station, and PFAS treatment?*

Response: See sketch below for general locations.



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4. What is the timeline of completion of conceptual work and start of detailed design?

Response: Conceptual planning for the drinking water project is expected to be complete in January ahead of selection for detailed design. Brown and Caldwell will be completing planning level work for PFAS in wastewater and biosolids into mid-2024.

5. Was the GAC ground down for similitude during column tests? What was the EBCT for GAC?

Response: See table below

			F400	Norit400	Hydrodarco4000
Simulated Full-scale system	Particle Diameter	mm	0.92	0.92	1.16
	EBCT	min	10	10	10
RSSCT Columns	Particle Diameter	mm	0.11	0.11	0.11
	Scaling Factor	SF	8.5	8.5	10.7
	Actual EBCT	min	0.24	0.24	0.16

6. Has the pilot location been identified and is it at least 12 feet tall?

Response: Location has not been determined, but there are at least two sites within the WTP suitable for a pilot, both with sufficient height.

7. Are there existing contracts with media vendors that could be shared?

Response: We will not be sharing vendor contracts for purposes of the RFQ.



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8. *Is the plant hydraulic profile available?*

Response: Included as attachment

9. *Have OWASA Treatment goals been published?*

Response: No

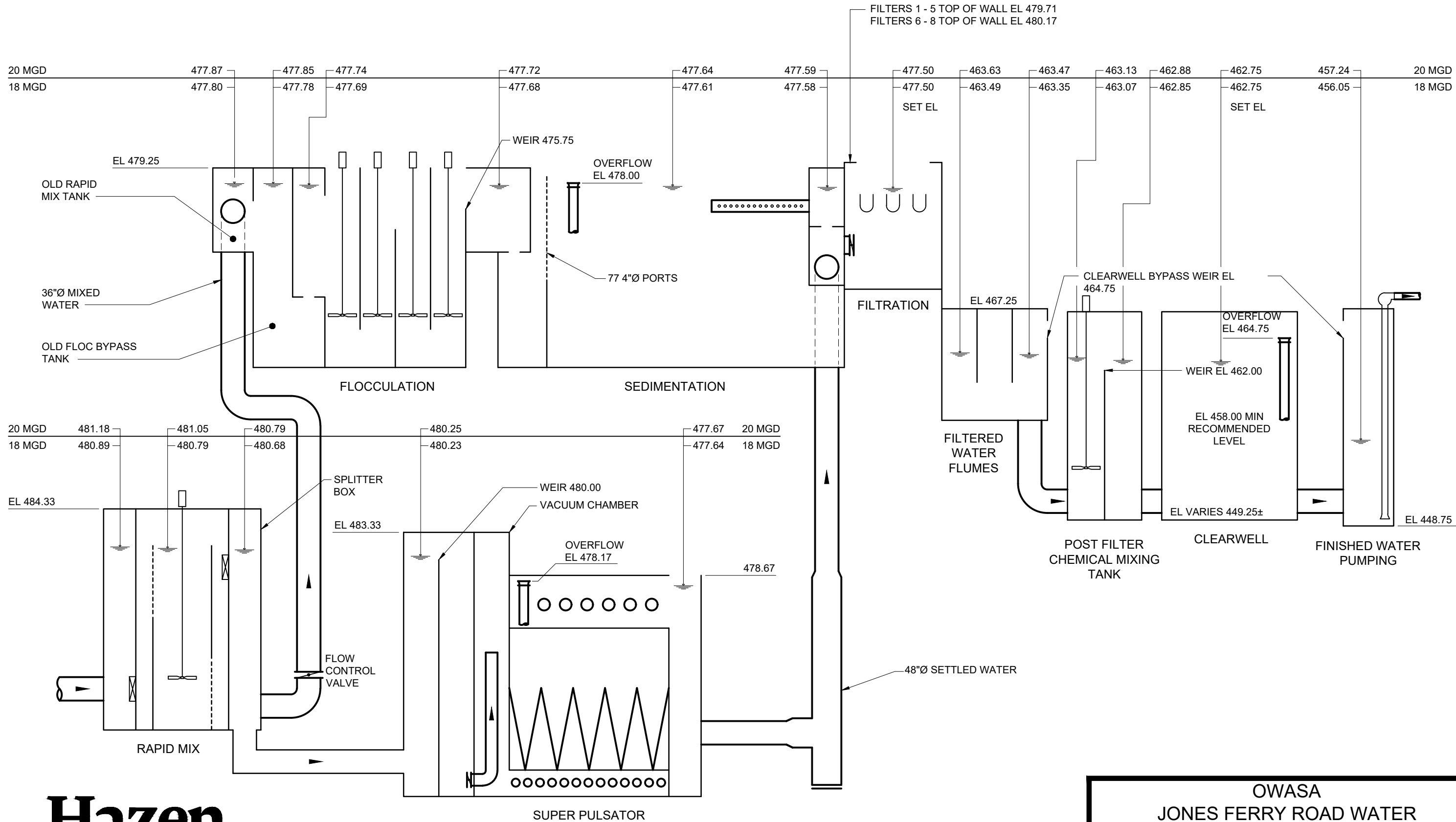
10. *Will the attendance list be provided?*

Response: see below

<u>Name</u>	<u>Email</u>
Vishnu Gangadharan	vgangadharan@owasa.org
Farah Ramadan	Farah.Ramadan@jacobs.com
Hee Jea Hall	HHall@BrwnCald.com
Philip Ogden	Philip.Ogden@jacobs.com
Peter Schuler	PSchuler@BrwnCald.com
Kyle Hay	Khay@BrwnCald.com
Tasneem Hussam	Tasneem.Hussam@hdrinc.com
Jeffrey Thompson	ThompsonJS@bv.com
Jarrett Selig	Jarrett.Selig@jacobs.com
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OWASA
JONES FERRY ROAD WATER
TREATMENT PLANT

PLANT HYDRAULIC PROFILE