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2026 Redondo Primary and Secondary Clarifiers Rehabilitation (26-1724)

Lakehaven Water and Sewer District, Washington

Registered

Details

Interest List

Q&A (14)

Changes

Ask a Question

Submit questions before the Q&A deadline on
October 20, 2026 at 12:00 PM PDT

Questions & Answers

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1. Instructions to Bidders §10.3 says an approved equal must be submitted to the Project Manager "so that it may (or may not) be approved as an equal by the Project Manager at least two (2) weeks prior to the bid opening." Specification Section 01 25 00, §1.01.A.1 says "Application for such acceptance will not be considered until after the Effective Date of the Contract." Please confirm whether approved equal requests are to be submitted before the bid or after award.

RESPONSE:

See forthcoming Addendum No. 1.

2. I would like to request that Envirodyne Systems be added by addendum as an approved clarifier manufacturer alongside Kusters and WesTech for the replacement of

the two Primary and two Secondary Clarifier mechanisms.

The specified scope is a complete clarifier system—not simply replacement components—and Envirodyne is well suited to provide that responsibility. Envirodyne can furnish the complete engineered package including the center drive, center column, collector mechanism, skimmer and scum box, scum baffles, effluent troughs, assembly hardware, anchor bolts, controls, and all accessories required for a complete and properly operating installation.

Envirodyne can meet the specified performance requirements while providing the Contractor and Owner another competitive option for equipment selection, pricing, lead time, and long-term support.[link to web: Envirodyne Clarifiers](#)

We are not requesting any reduction in the specified performance, materials, installation requirements, or supplier responsibility. Envirodyne can meet the same specification requirements as Kusters and WesTech and would take responsibility for providing a complete system that integrates with the existing basins and results in four properly operating clarifiers.

I would appreciate your consideration of adding Envirodyne Systems as an approved manufacturer by addendum. We can quickly provide qualifications, references, drawings, or any additional technical information needed to support the request.

RESPONSE:

See forthcoming Addendum No. 1. Complete information required for consideration of an approved equal clarifier manufacturer should be emailed to kbreard@lakehavenwsd.gov and procurement@lakehavenwsd.gov.

3. Can you please provide the specified materials for +/-2" thick grout or the contact for the specified rotating equipment manufacturer please? Refer to Note E on Drawing S-01

RESPONSE:

See pending Addendum No. 3.

4. DESCRIPTION OF THE ISSUE

Owner will drain and clean one primary and one secondary clarifier for field verification before in-tank submittals. No clarifier may be removed from service October 1 - April 30. Earliest verification is therefore May 2027; with 26-40 week fabrication the first mechanism arrives in 2028, leaving one dry season for four sequential tank outages against a 30 Sep 2028 deadline.

QUESTION / INFORMATION REQUESTED

Will the Owner drain and clean one primary and one secondary clarifier during the 2026-27 Wet Season to permit submittal development, or alternatively extend the completion date? Please confirm by addendum the dates on which the Owner will make each tank available.

CONTRACTOR'S SUGGESTED RESOLUTION

(a) that the Owner will drain and clean one primary and one secondary clarifier during the 2026-27 Wet Season, on or before 15 January 2027, so that in-tank submittals can be developed in time for equipment release in 2027; (b) that field verification may be performed from record drawings with a stated dimensional tolerance and a Change Order adjustment after the first outage; or (c) that Substantial Completion is extended to 30 September 2029. Absent one of these, the four sequential dry-season outages does not appear to be able to be performed within the stated Contract Time.

RESPONSE:

See pending Addendum No. 3.

5. Note 6 on M-01 references S-06 for Fresh supply air supports. S-06 supports do not apply to this duct. Please provide details.

RESPONSE:

See pending Addendum No. 3.

6. Please clarify if the intent for ducting is as follows: New duct and supports at the secondary clarifiers, and reuse existing duct and supports at the primary clarifiers. Note 3 and 6 on M-01, for the primary clarifiers, reference S-06 for supports which are shown as new. However, note 2 on D-01 calls for removal of ductwork and other features to be salvaged for reinstallation. Please clarify.

RESPONSE:

The intent is for new foul air ductwork, new fresh supply air ductwork, and new supports to be installed for both secondary clarifiers. The existing foul air ductwork, fresh supply air ductwork, and supports are to be reused and reinstalled for both primary clarifiers to match existing conditions. The one new type of support to be installed in the primary clarifiers is the inlet support bracing on the foul air ductwork suspended from the roof of both primary clarifiers. Refer to detail 4 on sheet S-06 for this additional bracing to be installed for the primary clarifiers foul air ductwork.

See pending Addendum No. 3.

7. How much does one section of roof panel weigh?

RESPONSE:

See pending Addendum No. 3.

8. Drawing D-02, General Note 2, states "prior to development of submittals for the in-tank elements, Owner will drain and clean one primary and one secondary clarifier for Contractor to verify all dimensions." Specification 01 12 16, §1.08.A.1, states "during the Wet Season, no clarifiers may be removed from service at any time." Will the Owner drain these two clarifiers for field verification before May 1, 2027?

RESPONSE:

See pending Addendum No. 3.

9. Please provide as-built drawings for the existing roof panels.

RESPONSE:

The Owner does not have the as-built drawings for the existing roof panels. See pending Addendum No. 3 for additional information on the existing roof panels.

10. Section 44 42 24.01_2.05.G requires the clarifier drive unit use a hydraulic reducer, strip liner bearing, and cast iron housing. Will a cycloidal reducer, precision bearing, and fabricated steel housing be acceptable alternatives? WesTech has included these features on hundreds of clarifier drives and recommends them as equivalent equipment to the drive specified.

RESPONSE:

See pending Addendum No. 3.

11. Can the cedar trees between the crane area and secondary clarifiers be cut down for access?

RESPONSE:

The trees near the crane area for the secondary clarifiers may be trimmed. The Owner's preference is to not cut down trees.

12. 1. Could you allow for our drive per the attached language? The drive requirements as currently listed in the spec are not something we can meet. We would prefer to provide a drive with cycloidal reducer, precision bearing, and fabricated steel housing

since we believe those to comprise a strong overall package for clarifier drives. The schedule we have discussed also assumed we would be providing our drive per the budgetary quotes we sent.

RESPONSE:

See pending Addendum No. 3.

13. What are the storage requirements for the roof panels?

RESPONSE:

See pending Addendum No. 3.

14. Specification 01 75 00, §3.03.F.1.i, requires a minimum 30-day Operational Test Phase "for each process area or unit process," and §3.04.I requires a 30-day Commissioning Period. Specification 01 12 16, §1.01.A.2, states "only one (1) clarifier ... can be offline at a time." Must each rehabilitated clarifier complete its Operational Test Phase and Commissioning Period before the next clarifier is taken offline?

RESPONSE:

See pending Addendum No. 3.