

OPERATIONS COMMITTEE

Agenda Report

Headquarters
18480 Bandilier Circle
Fountain Valley, CA 92708
(714) 593-7433

File #: 2025-4436

Agenda Date: 9/3/2025

Agenda Item No: 5.

FROM: Robert Thompson, General Manager
Originator: Riaz Moinuddin, Director of Operations & Maintenance

SUBJECT:

PROCUREMENT OF ONE SPARE DRIVE UNIT FOR PRIMARY CLARIFIERS F AND G AT PLANT NO. 2

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION:

- A. Approve a Sole Source Purchase Order to Ovivo USA, LLC, for the procurement of one Ovivo C60LT drive unit for Primary Clarifiers F and G at Plant No. 2, for a total amount not to exceed \$147,933, plus applicable sales tax and freight; and
- B. Approve a contingency of \$29,587 (20%).

BACKGROUND

The clarifiers at Orange County Sanitation District (OC San) Plant No. 2 are divided into three groups: the A-Side, with four clarifiers, and the B and C-Sides, with five each. These clarifiers were built from the early 1960s to the 1980's and have similar drive units.

The final expansion of the Groundwater Replenishment System (GWRS) split the incoming flows at Plant No. 2 into reclaimable and non-reclaimable flow streams. All non-reclaimable flow is processed through the four A-Side clarifiers, Clarifiers D, E, F and G. Currently, Clarifiers F and G are out of service while the rotating mechanisms are being rehabilitated under project FE23-09.

The rotating mechanisms and drive units for all fourteen primary basins at Plant No. 2 were provided by EIMCO, which is now Ovivo USA, LLC. These rotating mechanisms and drive units are uniquely engineered and are not stock parts.

RELEVANT STANDARDS

- 24/7/365 treatment plant reliability
- Maintain a proactive asset management program
- Meet volume and water quality needs for the GWRS

PROBLEM

Primary Clarifiers at Plant No. 2 are critical assets in the mission of OC San. This is particularly true of the A-Side clarifiers which must be available to support GWRS. Clarifiers F and G are currently out of service due to mechanical failure and severe corrosion. While repairs are underway, these clarifiers remain non-operational, leaving only Clarifiers D and E available to handle the A-side primary treatment process. The reliable operation of all clarifier drives is essential to maintaining treatment capacity and process stability.

PROPOSED SOLUTION

Approve a Sole Source Purchase Order to procure one spare clarifier drive unit for the Plant No. 2 Primary Clarifiers from Ovivo USA, LLC to maintain asset reliability and minimize process downtime.

TIMING CONCERNS

Given long lead times and criticality of these drives, it is essential to procure a spare drive unit to ensure operational readiness.

RAMIFICATIONS OF NOT TAKING ACTION

Plant No. 2 is currently operating the A-side/non-reclaimable flow stream with only two primary clarifiers in service and no redundancy. Failure of another clarifier would result in switching to combined mode, impacting OC San's commitment to Orange County Water District (OCWD) for supplying sufficient flow to the GWRS.

PRIOR COMMITTEE/BOARD ACTIONS

February 2025 - Board of Directors approved Ovivo USA, LLC to be added to the OEM sole source list for all Ovivo parts used in the treatment processes.

ADDITIONAL INFORMATION

A 20% contingency is requested in the event of pricing changes due to tariffs, delays in placing the order beyond quote availability, or other unforeseeable changes

CEQA

N/A

FINANCIAL CONSIDERATIONS

This request complies with authority levels of OC San's Purchasing Ordinance. This item has been budgeted (Budget Update FY 2025-26, Page A-18, Emergency Capital Critical Spares for Plant and Collections, Plant No. 2 Maintenance) and the budget is sufficient for this action.

<u>Date of Approval</u>	<u>Contract Amount</u>	<u>Contingency</u>
09/03/2025	\$147,933	\$29,587 (20%)

ATTACHMENT

The following attachment(s) may be viewed on-line at the OC San website (www.ocsan.gov) with the complete agenda package:

N/A

RM:dh:ls