
File #: 2025-4536

Agenda Date: 11/5/2025

Agenda Item No: 2.

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

SUBJECT:

INLET GATE ASSEMBLY REPLACEMENT AT PLANT NO. 2

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION:

- A. Approve a Sole Source Purchase Order to Misco Water for the purchase of one Fontaine-Aquanox inlet gate assembly at Plant No. 2, for a total amount not to exceed \$178,261, plus applicable sales tax; and
- B. Approve a contingency of \$17,826 (10%).

BACKGROUND

The Orange County Sanitation District (OC San) Bar Screen Facility at Plant No. 2 Headworks was constructed under Project No. P2-66 in 2012. The facility includes six inlet gates that isolate and divert flows into the corresponding six bar screens. After completion of Project No. P2-122 in 2022, flows at the Bar Screen Facility were split into two streams: non-reclaimable and reclaimable. Non-reclaimable flows are diverted to inlet gates/bar screens 1, 2, and 3; reclaimable flows are directed to inlet gates/bar screens 4, 5, and 6.

RELEVANT STANDARDS

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

PROBLEM

The Plant No. 2 Bar Screen No. 4 inlet gate provides upstream flow isolation and diversion to bar screen 4. The gate assembly is no longer functional and needs replacement.

PROPOSED SOLUTION

Approve a Sole Source Purchase Order to Misco Water, for the direct replacement of inlet gate 4 assembly.

TIMING CONCERNS

Due to the criticality of this process area, timely procurement and installation of the replacement gate are essential to ensure operational readiness and reliably support volume and water quality needs for the GWRS.

RAMIFICATIONS OF NOT TAKING ACTION

Timely replacement of the inlet gate assembly is needed to maintain reliable operations of Bar Screen No. 4 and to reliably support water quality needs of GWRS.

PRIOR COMMITTEE/BOARD ACTIONS

February 2021 - Approved the addition of Fontaine-Aquanox to the pre-approved OEM (Original Equipment Manufacturer) Sole Source List.

ADDITIONAL INFORMATION

Misco Water is the sole authorized service vendor for OC San's Fontaine-Aquanox gate assemblies. A 10% 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, Repairs & Maintenance, Page 33) and the budget is sufficient for the recommended action.

<u>Date of Approval</u>	<u>Contract Amount</u>	<u>Contingency</u>
11/05/2025	\$178,261	\$17,826 (10%)

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