



OPERATIONS COMMITTEE

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Agenda Report

File #: 2025-4089

Agenda Date: 3/5/2025

Agenda Item No: 9.

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

SUBJECT:

COLLECTION SYSTEM SPARE PUMP PROCUREMENT FOR THE WESTSIDE AND COLLEGE PUMP STATIONS

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION:

- A. Approve a Sole Source Purchase Order to Flo-Systems, Inc. for the purchase of two spare rotating pump assemblies: one rotating assembly for the Westside Pump Station and one rotating assembly for the College Pump Station, for a total amount not to exceed \$225,349, including applicable sales tax and freight; and
- B. Approve a contingency of \$22,535 (10%).

BACKGROUND

The Orange County Sanitation District (OC San) operates 15 pump stations within its regional collection system. The pump stations lift wastewater from low points where the gravity flow system cannot be used to transport wastewater to the treatment plants. The pumps in these stations require routine removal and restoration activities to maintain design capacity output due to normal wear and tear. These pump stations are critical to the collection system operation and may result in a backup or sewer spill in the event of losing pumping capacity.

RELEVANT STANDARDS

- Achieve less than 2.1 sewer spills per 100 miles
- Commitment to safety & reducing risk in all operations
- Protect OC San assets

PROBLEM

The main lift pumps at College and Westside Pump Stations require removal for overhauls. However, without spare replacements on hand, this process leads to a temporary loss of pumping capacity. Additionally, the extended lead times in modern supply chains for required overhaul services reduce system redundancy, increasing the risk of service disruptions.

PROPOSED SOLUTION

Approve the purchase of spare rotating pump assemblies from Flo-Systems, Inc. for the Westside and College pump stations to maintain asset availability and minimize operational downtime.

TIMING CONCERNS

The spare pump assemblies identified for purchase have a lead time of up to 25 weeks, or longer, depending on availability.

RAMIFICATIONS OF NOT TAKING ACTION

Loss of pumping capacity at the pump stations due to long lead times for spare pumps increases the risk of a sewer spill.

PRIOR COMMITTEE/BOARD ACTIONS

February 2021 - Approved Hidrostal, LLC to the Original Equipment Manufacturer (OEM) Sole Source List for pumps and replacement parts.

ADDITIONAL INFORMATION

Flo-Systems, Inc. is the sole approved representative authorized by Hidrostal, LLC to sell the subject pump assemblies.

CEQA

N/A

FINANCIAL CONSIDERATIONS

This request complies with authority levels of OC San's Purchasing Ordinance. This item has been budgeted (Budget FY 2024-25 and 2025-26, Section 8, Page 89, Collection Facilities Operations and Maintenance) and the budget is sufficient for the recommended action.

ATTACHMENT

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

N/A