



OPERATIONS COMMITTEE

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Agenda Report

File #: 2025-4046

Agenda Date: 2/5/2025

Agenda Item No: 2.

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

SUBJECT:

MAIN SEWAGE PUMP NO. 1 AND SPARE SEWAGE PUMP REPAIR AT PLANT NO. 2 (MP2-018), SPECIFICATION NO. S-2024-652BD

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION: Recommend to the Board of Directors to:

- A. Approve a General Services Contract to Bender CCP, Inc. to provide Main Sewage Pump No. 1 and Spare Sewage Pump Repair at Plant No. 2 (MP2-018), Specification No. S-2024-652BD, for a total amount not to exceed \$999,780; and
- B. Approve a contingency of \$99,978 (10%).

BACKGROUND

The Orange County Sanitation District (OC San) has seven Main Sewage Pumps (MSP) at Plant No. 2 Headworks that transfer wastewater from the Bar Screen facility to the discharge channel and grit basin. MSP's 1 through 3 are dedicated to non-reclaimable flows and MSP 4 through 7 are dedicated to reclaimable flows when operating in separated mode.

RELEVANT STANDARDS

- 24/7/365 treatment plant reliability
- Maintain a proactive asset management program
- Operate and maintain facilities to minimize impacts on surrounding communities, including odor, noise, and lighting

PROBLEM

MSP 1 is showing signs of deterioration due to worn bearings. The Spare MSP has corrosion from prior service and requires refurbishment prior to being put into service. It is essential that these critical pumps be in optimum condition to ensure reliability.

PROPOSED SOLUTION

Approve the General Services Contract to overhaul and recondition both MSP 1 and the spare pump at Plant No. 2 to Original Equipment Manufacturer specifications. The spare MSP will be overhauled first, and upon completion it will replace MSP 1. Subsequently, MSP 1 will be overhauled as well.

TIMING CONCERNS

Due to the criticality of these pumps to the process, MSPs must be continuously operational.

RAMIFICATIONS OF NOT TAKING ACTION

If the preliminary process flow to the plant fails, it could potentially cause a significant spill. As the MSPs are split to provide influent pumping to both the non-reclaimable and reclaimable streams, it is vital to ensure that pumping capacity and redundancy is available to meet our agreement with GWRS.

PRIOR COMMITTEE/BOARD ACTIONS

N/A

ADDITIONAL INFORMATION

A Notice of Inviting Bids was issued on November 20, 2024, via PlanetBids. A mandatory job walk was conducted at OC San’s Plant No. 2 on December 4, 2024. Bids were due on December 19, 2024. OC San received four (4) Bids which are valid for 180 calendar days from the bid opening due date.

Bid Results:

Company Name	Bid	Determination
Bender CCP, Inc.	\$ 999,780.00	Responsive/Responsible
Mehta Mechanical Company Inc.	\$1,092,000.00	Responsive/Responsible
Powers Bros. Machine	\$1,190,000.00	Responsive/Responsible
Innovative Construction Solutions	\$1,245,000.00	N/A

Only the three lowest bidders were evaluated in terms of financial and safety compliance and were therefore found responsive and responsible.

Based on these results, staff recommends approving the General Services Contract to Bender CCP, Inc. The term of this Contract will begin upon the effective date of the Notice to Proceed.

CEQA

N/A

FINANCIAL CONSIDERATIONS

This request complies with the authority levels of OC San's Purchasing Ordinance. This item has been budgeted (Budget FY 2024-25 and 2025-26, Section 6, Page 112, Division 880 Plant No. 2 Maintenance, Repairs & Maintenance) and the budget is sufficient for the recommended action.

<u>Date of Approval</u>	<u>Contract Amount</u>	<u>Contingency</u>
02/26/2025	\$999,780	99,978 (10%)

ATTACHMENT

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

- General Services Contract