



## Agenda Report

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**FROM:** James D. Herberg, General Manager  
Originator: Rob Thompson, Assistant General Manager

**SUBJECT:**

### **PLANT NO. 2 PRIMARY DISTRIBUTION STRUCTURE B GATES REPAIR**

#### **GENERAL MANAGER'S RECOMMENDATION**

##### RECOMMENDATION:

- A. Approve a Service Contract to J.R. Filanc Construction Co. to repair ten slide gates for Plant No. 2 Primary Distribution Structure, per Specification No. S-2021-1249BD, for a total amount not to exceed \$309,500, including sales tax and freight; and
- B. Approve a contingency of \$46,425 (15%).

#### **BACKGROUND**

The Orange County Sanitation District (OC San) has three primary Distribution Structures at Plant No. 2 that direct primary influent from Headworks to groupings of Primary Sedimentation Basins. Distribution Structure B (DS-B) directs primary influent to primary clarifiers H, I, J, K, L, and M. A condition assessment conducted on DS-B while the six associated primary clarifiers were down during a construction outage identified 10 slide gates that are inoperable and other steel components inside DS-B that are corroded.

#### **RELEVANT STANDARDS**

- 24/7/365 treatment plant reliability
- Maintain a proactive asset management program
- Comply with environmental permit requirements

#### **PROBLEM**

Major corrosion issues were discovered during the condition assessment performed inside DS-B at Plant No. 2. 10 slide gates were inoperable and severe corrosion was found on numerous steel weir plates and a steel bulkhead. Replacement of these components is required to return DS-B to service.

## PROPOSED SOLUTION

Staff recommends replacement of the corroded steel components identified in DS-B at Plant No. 2 through approval of a Purchase Order to the lowest responsive and responsible bidder, J. R. Filanc Construction Co.

## TIMING CONCERNS

The proposed repair needs to be executed to restore DS-B and its associated six primary clarifiers to service to restore the rated primary clarification capacity at Plant No. 2. Restoration of DS-B provides OC San the ability to control and isolate flows to the B-Side primary clarifier basins.

## RAMIFICATIONS OF NOT TAKING ACTION

Not repairing the slide gates will result in the inability to isolate individual B-Side primary clarifier basins. Failure of one primary basin requiring isolation will result in an outage that impacts all the B-Side primary clarifiers, severely impacting the ability to treat primary influent at Plant No. 2.

## PRIOR COMMITTEE/BOARD ACTIONS

N/A

## ADDITIONAL INFORMATION

OC San advertised a Request for Bid on June 8, 2021, for repair of DS-B. Five bids were received. Below are the responsive bidders and their corresponding bids. The lowest responsive and responsible bidder is J.R. Filanc Construction Co.

<b>Bidder</b>	<b>Amount of Bid Plus Sales Tax</b>
J.R. Filanc Construction Co. Inc	\$309,500
Abhe & Svoboda Inc.	\$584,751
Kiewit Infrastructure West Co.	\$747,000
THARSOS Inc.	\$794,000
Mehta Mechanical Company Inc.	\$982,111

A contingency of 15% is requested for unforeseen issues or repair of additional corroded components potentially uncovered during disassembly and repairs that could add costs during installation and performance testing.

## CEQA

N/A

## FINANCIAL CONSIDERATIONS

This request complies with authority levels of OC San's Purchasing Ordinance. This recommendation would be funded under the Repairs and Maintenance line item for Division 870 FY 2020-21 Budget, Section 6, Page 100), and the available funding is sufficient for this action.

<u>Date of Approval</u>	<u>Contract Amount</u>	<u>Contingency</u>
09/29/2021	\$309,500	\$46,425 (15%)

## ATTACHMENT

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

- Service Contract

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