



# OPERATIONS COMMITTEE

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## Agenda Report

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**File #:** 2021-1732

**Agenda Date:** 10/6/2021

**Agenda Item No:** 2.

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**FROM:** James D. Herberg, General Manager  
Originator: Kathy Millea, Director of Engineering

**SUBJECT:**

**TRUCK LOADING BASEMENT DRAIN MODIFICATIONS AT PLANT NO. 1, PROJECT NO. FE18-16**

**GENERAL MANAGER'S RECOMMENDATION**

RECOMMENDATION:

- A. Receive and file Bid Tabulation and Recommendation for Truck Loading Basement Drain Modifications at Plant No. 1, Project No. FE18-16;
- B. Award a Construction Contract to Metha Mechanical Company, Inc. for Truck Loading Basement Drain Modifications at Plant No. 1, Project No. FE18-16, for an amount not to exceed \$162,500; and
- C. Approve a contingency of \$16,250 (10%).

**BACKGROUND**

Biosolids are dewatered solids produced as a byproduct of wastewater treatment. The Orange County Sanitation District (OC San) recently completed a project to add centrifuges to reduce the water content of biosolids, thereby saving offsite hauling costs. The dewatered biosolids are routed through an existing truck loading station. Any biosolids that are deposited on the floor during maintenance of the truck loading station are returned to the treatment system through floor drains.

**RELEVANT STANDARDS**

- Comply with California Public Contract Code Section 20103.8, award construction contract to lowest responsive, responsible bidder
- Maintain a proactive asset management program

**PROBLEM**

Performing maintenance on the truck loading facility results in biosolids falling on the floor. The existing drains were not designed for the thicker biosolids produced by the centrifuges. In addition,

the new transfer pumps installed with the centrifuges are larger than the original pumps, so the pump bases have unavoidably blocked some of the drains. As a result, removing the resulting material can often take longer than the actual maintenance activity.

## **PROPOSED SOLUTION**

Award a Construction Contract for Truck Loading Basement Drain Modifications at Plant No, 1, Project No. FE18-16. This project enlarges the opening of existing floor drains, replaces the existing sump pumps with two new submersible chopper pumps, modifies the existing sump pit, and cores new drains into the concrete pads of all four cake transfer pumps to improve drainage at the truck loading basement.

## **TIMING CONCERNS**

If this project is delayed, maintenance in the truck loading basement will continue to require an unreasonably large effort to clean the facility after the work is performed.

## **RAMIFICATIONS OF NOT TAKING ACTION**

Maintenance in the truck loading basement will continue to require an unreasonably large effort to clean the facility after the work is performed.

## **PRIOR COMMITTEE/BOARD ACTIONS**

N/A

## **ADDITIONAL INFORMATION**

OC San advertised Project No. FE18-16 for bids on June 29, 2021, and six bids were received on August 8, 2021. A summary of the bid opening follows:

Engineer's Estimate	\$169,000
<u>Bidder</u>	<u>Amount of Bid</u>
Metha Mechanical Company, Inc.	\$162,500
Tharsos, Inc.	\$189,400
W.A. Rasic Construction Company, Inc.	\$194,400
J.R. Filanc Construction Co., Inc.	\$198,500
Cora Constructors, Inc.	\$263,500
Abhe & Svoboda, Inc.	\$284,648

The bids were evaluated in accordance with OC San's policies and procedures. A notice was sent to all bidders on August 23, 2021, informing them of the intent of OC San to recommend award of the construction contract to Metha Mechanical Company, Inc.

Staff recommends awarding a Construction Contract to the lowest responsive and responsible bidder, Metha Mechanical Company, Inc., for a total amount not to exceed \$162,500.

**CEQA**

The project is exempt from CEQA under the categorical exemption set forth in CEQA Guidelines Class 1 Section 15301. A Notice of Exemption was filed on July 28, 2020.

**FINANCIAL CONSIDERATIONS**

This request complies with the authority levels of OC San's Purchasing Ordinance. This item has been budgeted (Budget Update, Fiscal Year 2021-2022, Appendix A, Page A-8, Small Construction Projects Program, Project No. M-FE) and the budget is sufficient for the recommended action.

**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:*

- Construction Contract

DR:dm:gc