



Agenda Report Details (With Text)

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Title: REBUILD SHOP FUME EXTRACTOR INSTALLATION AT PLANT NO. 1, PROJECT NO. FE19-12

Sponsors: Kathy Millea

Indexes:

Code sections:

Attachments: 1. Agenda Report, 2. FE19-12 Contract Agreement

Date	Ver.	Action By	Action	Result
7/6/2022	1	OPERATIONS COMMITTEE		

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

SUBJECT:

REBUILD SHOP FUME EXTRACTOR INSTALLATION AT PLANT NO. 1, PROJECT NO. FE19-12

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION: Recommend to the Board of Directors to:

- A. Receive and file Bid Tabulation and Recommendation for Rebuild Shop Fume Extractor Installation at Plant No. 1, Project No. FE19-12;
- B. Award a Construction Contract to RAN Enterprises, Inc. for Rebuild Shop Fume Extractor Installation at Plant No. 1, Project No. FE19-12, for an amount not to exceed \$217,000; and
- C. Approve a contingency of \$21,700 (10%).

BACKGROUND

Orange County Sanitation District's (OC San) Maintenance Division uses the Rebuild Shop at Plant No. 1 for repairs of heavy equipment, welding, and fabrication of new equipment and parts. Welding is conducted at three locations within the building and requires a fume hood and duct work to protect staff from fumes generated during welding.

RELEVANT STANDARDS

- Comply with California Public Contract Code Section 20103.8, award construction contract to lowest responsive, responsible bidder

- Provide a safe and collegial workplace

PROBLEM

The Rebuild Shop currently uses two portable fume extractors for welding. The capacity of the portable fume extractors is insufficient to cover all three welding areas. The portable extractors require precise placement when connecting to the welding points. Frequent starts and stops are required to adjust the fume nozzle placement to maintain effective fume capture.

PROPOSED SOLUTION

Award a Construction Contract for Rebuild Shop Fume Extractor Installation at Plant No. 1, Project No. FE19-12 to RAN Enterprises, Inc. The improved fume capture system will improve worker safety and work productivity.

TIMING CONCERNS

The current safety and productivity problems that the project addresses will continue until the work is completed.

RAMIFICATIONS OF NOT TAKING ACTION

Without these improvements, fume extraction will continue to be insufficient, and the welding will continue to require frequent adjustments. If the fit of these fume extractors is not tight enough, the fumes may persist in the work area causing potential health concerns to the staff performing the work.

PRIOR COMMITTEE/BOARD ACTIONS

N/A

ADDITIONAL INFORMATION

OC San advertised Project No. FE19-12 for bids on March 22, 2022. On April 19, 2022, three sealed bids were received. A summary of the bid opening follows:

Engineer's Estimate	\$ 234,000
<u>Bidder</u>	<u>Amount of Bid</u>
RAN Enterprises, Inc.	\$ 217,000
Air & Lube System, Inc.	\$ 280,000
MMC Inc.	\$ 354,111

The bids were evaluated in accordance with the OC San's policies and procedures. A notice was sent to all bidders on May 25, 2022 informing them of the intent of OC San staff to recommend award of the Construction Contract to RAN Enterprises, Inc.

Staff recommends awarding a Construction Contract to the lowest responsive and responsible bidder, RAN Enterprises, Inc., for a total amount not to exceed \$217,000.

CEQA

The project is exempt from CEQA under the Class 1 categorical exemptions set forth in California Code of Regulations Section 15301. A Notice of Exemption will be filed with the OC Clerk-Recorder after OC San Board of Directors approval of the construction contract.

FINANCIAL CONSIDERATIONS

This request complies with the authority levels of OC San's Purchasing Ordinance. This item has been budgeted (Adopted Budget, Fiscal Years 2022-2023 and 2023-24, Section 8, Page 48, Small Construction Projects Program) 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) with the complete agenda package:

- Construction Contract

DB: jw