



OPERATIONS COMMITTEE

Administration Building
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Agenda Report

File #: 2023-3211

Agenda Date: 10/4/2023

Agenda Item No: 4.

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

SUBJECT:

NORTH SCRUBBER COMPLEX GRATING REPLACEMENT AT PLANT NO. 2

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION: Recommend to the Board of Directors to:

- A. Approve a Service Contract to Innovative Construction Solutions to provide North Scrubber Complex Grating Replacement, Specification No. S-2023-1419BD, for a total amount not to exceed \$315,000; and
- B. Approve a contingency of \$31,500 (10%).

BACKGROUND

The walking surfaces of the North Scrubber Complex at Orange County Sanitation District (OC San) Plant No. 2 are made of a Fiberglass reinforced plastic (FRP) grating. An investigation revealed the grating is deteriorating and replacement is the most cost-effective way to address the safety hazards.

RELEVANT STANDARDS

- Maintain a proactive asset management program
- Commitment to safety & reducing risk in all operations

PROBLEM

UV exposure to the FRP grating and bars resulted in fraying and material degradation, weakening the structure. Fiberglass particles in the air could also become a hazard to staff when working near the North Scrubber Complex.

PROPOSED SOLUTION

Replace existing FRP grating associated with the Plant No. 2 North Scrubber Complex with new gratings materials per Specification No. S-2023-1419BD.

TIMING CONCERNS

Due to structural integrity, dust, and loose fibers, the grating presents a safety hazard to personnel that need to work in the North Scrubber Complex.

RAMIFICATIONS OF NOT TAKING ACTION

Continued breakdown of the grating and escalation of health hazards will worsen.

PRIOR COMMITTEE/BOARD ACTIONS

N/A

ADDITIONAL INFORMATION

A Notice Inviting Bids was issued on July 25, 2023 via PlanetBids. A mandatory job walk was conducted at OC San facilities on August 8, 2023. Bids were due on August 22, 2023. OC San received seven (7) bids valid for 180 calendar days from the bid opening date. Tharsos Inc.'s bid was rejected as being Non-Responsible as their DIR Registration has expired. The Engineer's Estimate for the bid was \$507,600.

Company Name	Bid	Determination
Innovative Construction Solutions	\$315,000	Responsive
Vicon Enterprise Inc.	\$330,000	Responsive
O'Connell Engineering & Construction Inc.	\$346,750	Responsive
SS Mechanical Construction Inc.	\$414,143	Responsive
Tharsos Inc.	\$431,000	Non-Responsive
HZS Engineering Inc.	\$547,700	Responsive
R2Build	\$637,000	Responsive

Staff recommends awarding the Contract to the lowest responsive and responsible bidder, Innovative Construction Solutions.

CEQA

N/A

FINANCIAL CONSIDERATIONS

The request complies with the authority levels of OC San's Purchasing Ordinance. This recommendation will be funded under the Repair and Maintenance line item for the Operations and Maintenance Department (FY2023-24 Budget Update, Page 39.) The available funding is sufficient for this action.

<u>Date of Approval</u>	<u>Contract Amount</u>	<u>Contingency</u>
10/25/2023	\$315,000	\$31,500 (10%)

ATTACHMENT

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

- Services Contract