



OPERATIONS COMMITTEE

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Agenda Report

File #: 2022-2431

Agenda Date: 7/27/2022

Agenda Item No: 9.

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

SUBJECT:

ACTIVATED SLUDGE CLARIFIER REPAIRS AT PLANT NO. 2, PROJECT NO. FR2-0018R

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION:

- A. Receive and file Bid Tabulation and Recommendation for Activated Sludge Clarifier Repairs at Plant No. 2, Project No. FR2-0018R;
- B. Award a Construction Contract to Garney Pacific, Inc. for Activated Sludge Clarifier Repairs at Plant No. 2, Project No. FR2-0018R for an amount of \$5,091,686; and
- C. Approve a contingency of \$509,169 (10%).

BACKGROUND

The Activated Sludge facility at Orange County Sanitation District (OC San) Plant No. 2 uses chain and flight mechanisms to collect sludge settling along the length of the rectangular clarifiers and to deliver the sludge to hoppers located at the upstream end. The collectors, which include 2,900 feet of plastic chains and 160 flights per clarifier, are subject to degradation and wear. The collector mechanisms were replaced in six of the clarifiers in 2020; the collectors in the remaining six clarifiers have been in service since 1996.

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

The collectors in six of the clarifiers are at the end of their useful life, resulting in a number of recent total failures that required expensive repairs during which the clarifiers were unavailable for service for many weeks.

PROPOSED SOLUTION

Award a Construction Contract for Activated Sludge Clarifier Repairs at Plant No. 2, Project No. FR2-0018R. This project will replace the sludge collection mechanisms in the six remaining clarifiers.

TIMING CONCERNS

The collectors will continue to require frequent maintenance. The clarifiers must be reliable so that the Activated Sludge facility at Plant No. 2 will have sufficient capacity to handle peak wet weather flows.

RAMIFICATIONS OF NOT TAKING ACTION

The reliable operation of the clarifiers will remain compromised.

PRIOR COMMITTEE/BOARD ACTIONS

February 2022 - Board received and filed Bid Tabulation and Recommendation for Activated Sludge Clarifier Repairs at Plant No. 2, Project No. FR2-0018; received and filed award protests; received and filed determination letter recommending rejection of all bids and re-advertising the project; and rejected all bids and directed staff to re-advertise this project for bids.

ADDITIONAL INFORMATION

This project was advertised for bids in late 2021, but due to erroneous instructions in the Invitation for Bids, OC San was not able to award a contract.

OC San then re-advertised Project No. FR2-0018R for bids on March 10, 2022. The bid package was modified slightly to clarify commissioning requirements and to increase the contract duration by 40 days.

Eight sealed bids were received on April 26, 2022. A summary of the bid opening follows:

Engineer's Estimate	\$ 4,836,000
<u>Bidder</u>	<u>Amount of Bid</u>
Garney Pacific, Inc.	\$ 5,091,686
J.R. Filanc Construction Co., Inc.	\$ 5,119,910
W.M. Lyles Co.	\$ 5,149,000
Abhe & Svoboda, Inc.	\$ 5,233,609
Mehta Mechanical Company, Inc. dba MMC Inc.	\$ 5,537,881
Houalla Enterprises, Ltd. dba Metro Builders & Engineers Group, Ltd.	\$ 5,885,525
Myers & Sons Construction, LLC	\$ 5,916,000
Shimmick Construction Company, Inc.	\$ 6,147,083

The bids were evaluated in accordance with the OC San's policies and procedures and the apparent low bidder, Garney Pacific, Inc., was found to be responsive and responsible. A notice was sent to all

bidders on June 6, 2022 informing them of the intent of OC San staff to recommend award of the Construction Contract to Garney Pacific, Inc. Staff recommends awarding a Construction Contract to the lowest responsive and responsible bidder, Garney Pacific, Inc., for a total amount not to exceed \$5,091,686.

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 has been filed with the OC Clerk-Recorder.

FINANCIAL CONSIDERATIONS

This request complies with the authority levels of OC San's Purchasing Ordinance. This recommendation will be funded under the Repairs and Maintenance line item for Division 880, Plant No. 2 Maintenance (Adopted Budget, Fiscal Year 2022-2023 and 2023-2024, Section 6, Page 96) and the available funding is sufficient for this 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
- Presentation

SS: jw