

Agenda Report Details (With Text)

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Title: RETURN ACTIVATED SLUDGE PIPING REPLACEMENT AT PLANT NO. 2, PROJECT NO. P2-123
Sponsors: Kathy Millea
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Attachments: 1. Agenda Report, 2. Professional Construction Services Agreement

Date	Ver.	Action By	Action	Result
9/4/2019	1	OPERATIONS COMMITTEE	Approved	Pass

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

SUBJECT:

RETURN ACTIVATED SLUDGE PIPING REPLACEMENT AT PLANT NO. 2, PROJECT NO. P2-123

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION: Recommend to the Board of Directors to:

- A. Approve a Professional Construction Services Agreement with Spec Services, Inc. to provide construction support services for Return Activated Sludge Piping Replacement at Plant No. 2, Project No. P2-123, for a total amount not to exceed \$252,329; and
- B. Approve a contingency of \$25,233 (10%).

BACKGROUND

Orange County Sanitation District's (Sanitation District) Plant No. 2 has two biological secondary treatment facilities, one of which is the Activated Sludge Plant, which uses pure oxygen for wastewater treatment. The Activated Sludge Plant was built in 1979 and includes a concrete deck that seals oxygen into the process basins and ninety-two light poles and fixtures installed throughout the facility to provide operators safe working conditions at night.

RELEVANT STANDARDS

- 24/7/365 treatment plant reliability
- Comply with California Government Code Section 4256 to engage the best qualified firm "on the basis of demonstrated competence and qualifications" and "negotiate fair and reasonable

fees”

PROBLEM

The project requires the design consultant to provide as-needed services during construction including submittal review, answering the contractor’s requests for information, reviewing construction change orders, participating in meetings, site visits, and preparing record drawings.

PROPOSED SOLUTION

Award a Professional Construction Services Agreement with the design consultant Spec Services, Inc., to provide engineering support services during construction.

TIMING CONCERNS

Engineering support services will be needed at the start of construction, which is anticipated for October 23, 2019.

RAMIFICATIONS OF NOT TAKING ACTION

The engineering support services needed to facilitate, and review construction activities would not be available, which may negatively impact the contract execution.

PRIOR COMMITTEE/BOARD ACTIONS

March 2018 - Approved a Professional Design Services Agreement with Spec Services, Inc. for providing engineering services for Return Activated Sludge Piping Replacement at Plant No. 2, Project No. P2-123, for an amount not to exceed \$668,217, and approved a contingency of \$66,822 (10%).

ADDITIONAL INFORMATION

Spec Services, Inc. has successfully furnished engineering services for the design of this project and their support services during construction will provide continuity through the completion of the project. Staff negotiated with Spec Services, Inc. for these support services in accordance with the Sanitation District’s adopted policies and procedures. A review of the proposed price was conducted using estimated quantities of requests for information, submittals, meetings, site visits, change order review, and design revisions, as well as the level of effort for preparing record drawings. Based on this review, staff determined the negotiated fee to be fair and reasonable for these services.

CEQA

This project is exempt from CEQA under the Class 1 categorical exemptions set forth in California Code of Regulations Section 15301. Section 15301 (Class 1) exempts from CEQA “the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency’s determination”, including “(b) Existing facilities of both investor and publicly-owned utilities used to provide electric power, natural gas, sewerage, or other public utility services”.

The project consists of minor alterations to existing public facilities.

A Notice of Exemption for this project was filed and recorded with the County of Orange on March 29, 2018 after the Board of Directors approved the Professional Design Services Agreement.

FINANCIAL CONSIDERATIONS

This request complies with authority levels of the Sanitation District's Purchasing Ordinance. This project has been budgeted (FY2019-20 Budget Update, Appendix A, Page A-10) and the budget is sufficient to award the Professional Construction Services Agreement.

ATTACHMENT

The following attachment(s) may be viewed on-line at the OCSD website (www.ocsd.com) with the complete agenda package:

- Professional Construction Services Agreement