

Agenda Report

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

SUBJECT:

**PRIMARY SEDIMENTATION BASINS NO. 6-31 RELIABILITY IMPROVEMENTS AT PLANT NO. 1,
PROJECT NO. P1-133**

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION: Recommend to the Board of Directors to:

- A. Approve a Professional Construction Services Agreement with Carollo Engineers, Inc. to provide construction support services for Primary Sedimentation Basins No. 6-31 Reliability Improvements at Plant No. 1, Project No. P1-133, for an amount not to exceed \$530,000; and
- B. Approve a contingency of 53,000 (10%)

BACKGROUND

This project will replace three primary sludge pumps, replace failing concrete launders, address water accumulation in a below-grade foul air pipe, provide fire alarm-related flow sensors for a ventilation system, and add lighting at each of the primary sludge pumps.

Carollo Engineers, Inc. was selected as part of a competitive, qualifications-based solicitation process to design Primary Sedimentation Basins No. 6-31 Reliability Improvements at Plant No. 1, Project No. P1-133. At the time of the solicitation, the Orange County Sanitation District (OC San) documented its intent to award a subsequent agreement to the design consultant for continuation of engineering services during construction.

RELEVANT STANDARDS

- Comply with California Government Code Section 4526 to engage the best qualified firm "on the basis of demonstrated competence and qualifications" and "negotiate fair and reasonable fees"
- Ensure the public's money is wisely spent

PROBLEM

This project requires the design consultant to provide as-needed services during construction including submittal review, responding to the Contractor's requests for information, reviewing

construction change orders, participating in meetings, attending site visits, preparation of standard operating procedures, providing startup assistance, and preparing record drawings.

PROPOSED SOLUTION

Approve a Professional Construction Services Agreement with the design consultant, Carollo Engineers, Inc., to provide engineering support services during construction.

TIMING CONCERNS

Engineering support services will be required at the start of construction. Construction is anticipated to start in March 2022.

RAMIFICATIONS OF NOT TAKING ACTION

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

PRIOR COMMITTEE/BOARD ACTIONS

December 2019 - Approved Amended Professional Design Services Agreement with Carollo Engineers, Inc. to provide engineering services for Primary Sedimentation Basins No. 6-31 Reliability Improvements at Plant No. 1, Project No. P1-133, for an amount not to exceed \$1,219,667; and approved a contingency of \$121,967 (10%).

November 2019 - Approved a Professional Design Services Agreement with Carollo Engineers, Inc. to provide engineering services for Primary Sedimentation Basins No. 6-31 Reliability Improvements at Plant No. 1, Project No. P1-133, for an amount not to exceed \$1,219,667; and approved a contingency of \$121,967 (10%).

ADDITIONAL INFORMATION

Carollo Engineers, 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 Carollo Engineers, Inc. for these support services in accordance with OC San'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

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 authority levels of OC San's Purchasing Ordinance. This item has been budgeted (Budget Update, Fiscal Year 2021-2022, Appendix A, Page A-9, Primary Sedimentation Basins No. 6-31 Reliability Improvements at Plant No. 1, Project No. P1-133) 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:

- Draft Professional Construction Services Agreement

VP:dm