



OPERATIONS COMMITTEE

Agenda Report

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File #: 2025-4381

Agenda Date: 7/23/2025

Agenda Item No: 8.

FROM: Robert Thompson, General Manager
Originator: Mike Dorman, Director of Engineering

SUBJECT:

OCEAN OUTFALL SYSTEM REHABILITATION, PROJECT NO. J-117

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION:

Approve a contingency increase of \$153,450 (14%) to the existing Professional Services Agreement with SEL (formerly known as Schweitzer Engineering Laboratories, Inc.) for Outfall Low Flow Pump Station, Contract No. J-117B as part of Ocean Outfall System Rehabilitation, Project No. J-117, for a new total contingency amount of \$263,057 (24%).

BACKGROUND

The Orange County Sanitation District (OC San) is currently implementing a high-speed load-shedding system at Plant No. 2 to maintain plant operations during a Southern California Edison (SCE) power outage. This system also improves safety by reducing the arc flash energy during a fault in the power distribution equipment. The Board of Directors approved the use of SEL as the sole-source provider for the load-shedding system and electrical power system protective relays. The Board of Directors also authorized staff to negotiate a sole-source professional services agreement with SEL.

RELEVANT STANDARDS

- 24/7/365 treatment plant reliability
- Commitment to safety & reducing risk in all operations

PROBLEM

OC San has been notified that SEL TEAM software, included in the original Professional Services Agreement (PSA) to monitor and configure SEL protective relays from a central location, has been discontinued and replaced with SEL Blueframe software. Migration to the SEL Blueframe software is necessary to have a plant-wide, integrated protective relay system.

PROPOSED SOLUTION

Approve a contingency increase to implement the SEL Blueframe software and provide additional support for project troubleshooting and commissioning.

TIMING CONCERNS

A separate contract with SEL will be required to implement the SEL Blueframe software in the future if it is not completed under this project.

RAMIFICATIONS OF NOT TAKING ACTION

OC San will need to physically go to each electrical building and protective relay to configure and gather monitoring data.

PRIOR COMMITTEE/BOARD ACTIONS

March 2019 - Approved a Professional Services Agreement with Schweitzer Engineering Laboratories, Inc. (SEL) to provide final design, programming, testing, commissioning, and training for a load-shedding system and electrical power system protective relays for Ocean Outfall System Rehabilitation, Project No. J-117, Outfall Low Flow Pump Station, Contract No. J-117B, for a total amount not to exceed \$1,096,074; and approved a contingency of \$109,607 (10%).

March 2018 - Authorized staff to specify Schweitzer Engineering Laboratories as the sole source provider for current and future projects equipment, materials, and services for electrical power system protective relays and load-shedding systems at Plant Nos. 1 and 2; and authorized staff to negotiate service agreements for services related to protective relays and load-shedding systems for current and future projects, and for on-going operations and maintenance at Plant Nos. 1 and 2.

ADDITIONAL INFORMATION

N/A

CEQA

An Initial Study/Mitigated Negative Declaration and Mitigation Monitoring and Reporting Program for the Outfall Low Flow Pump Station, Contract No. J-117B, was adopted by the Board of Directors on September 27, 2017. The Notice of Determination was filed with the Orange County Clerk-Recorder on October 2, 2017.

FINANCIAL CONSIDERATIONS

This request complies with the authority levels of OC San's Purchasing Ordinance. This item has been budgeted (Proposed Budget Update FY 2025-26, Page A-6, Ocean Outfall System Rehabilitation, Project No. J-117) 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:

N/A

VP:lb