



Agenda Report Details (With Text)

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Title: UNINTERRUPTIBLE POWER SUPPLY IMPROVEMENTS AT PLANT NO. 1, PROJECT NO. P1-132

Sponsors: Kathy Millea

Indexes:

Code sections:

Attachments: 1. Agenda Report, 2. P1-132 Professional Construction Services Agreement

Date	Ver.	Action By	Action	Result
2/22/2023	1	BOARD OF DIRECTORS		
2/1/2023	1	OPERATIONS COMMITTEE	Recommended for Approval	

FROM: Robert Thompson, General Manager
Originator: Kathy Millea, Director of Engineering

SUBJECT:

UNINTERRUPTIBLE POWER SUPPLY IMPROVEMENTS AT PLANT NO. 1, PROJECT NO. P1-132

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION:

- A. Approve a Professional Construction Services Agreement with Tetra Tech, Inc. to provide construction support services for Uninterruptible Power Supply Improvements at Plant No. 1, Project No. P1-132, for an amount not to exceed \$217,830; and
- B. Approve a contingency of \$21,783 (10%).

BACKGROUND

Tetra Tech, Inc. was selected as part of a competitive, qualifications-based solicitation process to design Uninterruptible Power Supply Improvements at Plant No. 1, Project No. P1-132. 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.

This project will replace 15 smaller commercial-grade Uninterruptible Power Supply (UPS) units by consolidating them into a single industrial-grade UPS in Power Building 8 to serve the northwest area of Plant No. 1. The project will also replace aged 480-volt electrical distribution equipment in the

Maintenance, Rebuild Shops, Purchasing, and Warehouse areas.

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, Tetra Tech, Inc., to provide engineering support services during construction.

TIMING CONCERNS

Engineering support services will be required soon after the start of the construction Notice to Proceed. Construction is anticipated to start in February 2023.

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

November 2019 - Approved a Professional Design Services Agreement with Tetra Tech, Inc. to provide engineering services for Uninterruptible Power Supply Improvements at Plant No. 1, Project No. P1-132, for an amount not to exceed \$784,680; and approved a contingency of \$78,468 (10%).

ADDITIONAL INFORMATION

Tetra Tech, 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 Tetra Tech, 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 the authority levels of OC San's Purchasing Ordinance. This project has been budgeted (Adopted Budget, Fiscal Years 2022-2023 and 2023-24, Section 8, Page 56, Uninterruptible Power Supply Improvements at Plant No. 1, Project No. P1-132) 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:

- Professional Construction Services Agreement

TW:tk