



Agenda Report Details (With Text)

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Title: NEWPORT BEACH PUMP STATION PRESSURIZATION IMPROVEMENTS, PROJECT NO. 5-68

Sponsors: Kathy Millea

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Attachments: 1. Agenda Report, 2. 5-68 PCSA

Date	Ver.	Action By	Action	Result
2/1/2023	1	OPERATIONS COMMITTEE		

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

SUBJECT:

NEWPORT BEACH PUMP STATION PRESSURIZATION IMPROVEMENTS, PROJECT NO. 5-68

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION:

- A. Approve a Professional Construction Services Agreement with Dudek to provide construction support services for Newport Beach Pump Station Pressurization Improvements, Project No. 5-68, for an amount not to exceed \$124,979; and
- B. Approve a contingency of \$12,497 (10%).

BACKGROUND

Dudek was selected as part of a competitive, qualifications-based solicitation process to design Newport Beach Pump Station Pressurization Improvements, Project No. 5-68. 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 install a passive venting system at six pump stations within Newport Beach to relieve the buildup of pressure. The odorous air will be treated by adsorption media prior to being released into the atmosphere. Additionally, provisions will be added at the 15th Street Pump Station for a vendor-operated and maintained chemical feed system to mitigate the downstream generation of hydrogen sulfide in the Balboa Trunk Sewer.

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, and preparing record drawings.

PROPOSED SOLUTION

Approve a Professional Construction Services Agreement with the design consultant, Dudek, to provide engineering construction services during construction.

TIMING CONCERNS

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

May 2020 - Approved a Professional Design Services Agreement with Dudek to provide engineering design services for Newport Beach Pump Station Pressurization Improvements, Project No. 5-68, for an amount not to exceed \$542,988; and approved a contingency of \$54,299 (10%).

ADDITIONAL INFORMATION

Dudek 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 Dudek 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 included in the Facilities Master Plan 2020 Program Environmental Impact Report, State Clearinghouse Number 2019070998.

FINANCIAL CONSIDERATIONS

This request complies with authority levels of OC San's Purchasing Ordinance. This item has been budgeted (Adopted Budget, Fiscal Years 2022-2023 and 2023-2024, Section 8, Page 28, Newport Beach Pump Station Pressurization Improvements, Project No. 5-68) 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

AB: jw