



OPERATIONS COMMITTEE

Headquarters
18480 Bandilier Circle
Fountain Valley, CA 92708
(714) 593-7433

Agenda Report

File #: 2026-4868

Agenda Date: 4/22/2026

Agenda Item No: 5.

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

SUBJECT:

MACARTHUR PUMP STATION REHABILITATION, PROJECT NO. 7-63

GENERAL MANAGER'S RECOMMENDATION

RECOMMENDATION:

- A. Approve a Professional Design Services Agreement with Dudek to provide engineering services for MacArthur Pump Station Rehabilitation, Project No. 7-63, for an amount not to exceed \$1,140,000; and
- B. Approve a contingency of \$114,000 (10%).

BACKGROUND

Orange County Sanitation District (OC San) operates 15 pump stations that support wastewater conveyance throughout its service area. MacArthur Pump Station is an underground pump station that was constructed in 1965 and is located within an easement in the City of Newport Beach, surrounded by commercial land uses. An existing 21-inch influent pipeline conveys flow into the wet well, and flows exit the pump station through recently constructed 10-inch dual force mains. The facility was last rehabilitated in 1989.

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”
- Operate and maintain facilities to minimize impacts on surrounding communities, including odor, noise, and lighting
- Protect OC San assets

PROBLEM

Due to the age of the pump station, many internal assets are reaching the end of their useful life. Recent inspections and a condition assessment of the facility identified coating failures in the wet well and corrosion within both the wet and dry wells, including corrosion on mechanical equipment.

PROPOSED SOLUTION

Approve a Professional Design Services Agreement to rehabilitate the pump station within the existing footprint, including both the wet well and dry well. The wet well concrete will be rehabilitated and lined. The pump room and electrical rooms within the dry well will also be rehabilitated, including replacement of mechanical and electrical equipment. Improvements to ventilation within the dry well will allow the space to be unclassified. Upon completion, the rehabilitation is expected to extend the service life of the pump station by an additional 20 to 30 years.

TIMING CONCERNS

Delaying approval of this agreement would postpone the start of design and subsequent construction activities. Any delay in initiating the rehabilitation may allow the existing deteriorated conditions within the pump station to continue progressing and could impact the long-term reliability of the facility.

RAMIFICATIONS OF NOT TAKING ACTION

If no action is taken, the existing deterioration within the pump station will continue to progress. Continued degradation of coatings, structural elements, and mechanical equipment could eventually lead to equipment failures, increased maintenance needs, or unplanned repairs that may disrupt pump station operations.

PRIOR COMMITTEE/BOARD ACTIONS

N/A

ADDITIONAL INFORMATION

Consultant Selection:

OC San requested and advertised for proposals for MacArthur Pump Station Rehabilitation, Project No. 7-63 on October 28, 2025. The following evaluation criteria were described in the Request for Proposals (RFP) and used to determine the most qualified Consultant.

CRITERION	WEIGHT
Project Understanding and Approach	35%
Related Project Experience	35%
Project Team and Staff Qualifications	30%

Five proposals were received on December 9, 2025, and evaluated in accordance with the evaluation process set forth in OC San’s Purchasing Ordinance (OC SAN-61) by a pre-selected Evaluation Team consisting of OC San staff, which include a Senior Engineer (Project Manager), Associate Engineer (Project Engineer), Engineering Supervisor, and Maintenance Supervisor. The Evaluation Team also included one non-voting representative from the Contracts Administration Division.

The Evaluation Team scored the proposal on the established criteria as summarized in the table below:

	Proposer	Project Understanding and Approach (Max. 35 Points)	Related Project Experience (Max. 35 Points)	Project Team and Staff Qualifications (Max. 30 Points)	Total Score (Max. 100 Points)
1	GHD Inc	30	27	23	80
2	Dudek	27	28	23	78
3	TYLin	28	26	23	77
4	CDM Smith Inc	24	25	23	72
5	HDR Engineering Inc.	23	22	19	64

Based on this scoring, three Consultants were shortlisted for interviews on January 14, 2026. Following the interview, each member of the Evaluation Team scored the Consultants based on both the proposals and interviews using the evaluation criteria and weighting described above. Based on the scoring shown below, Dudek was selected as the most qualified Consultant.

	Proposer	Project Understanding and Approach (Max. 35 Points)	Related Project Experience (Max. 35 Points)	Project Team and Staff Qualifications (Max. 30 Points)	Total Score (Max. 100 Points)
1	Dudek	33	33	28	94
2	TYLin	27	32	23	82
3	GHD Inc.	25	25	21	71

Dudek, the proposer with the highest score, provided a clear and practical approach and demonstrated a comprehensive understanding of the scope of work. The technical proposal was well written and showed a good understanding of OC San's expectations. Dudek provided a detailed approach to prepare a successful design, including a focus on facility operations and maintainability. Additionally, the multi-disciplined team had complementary experience and demonstrated the ability to successfully deliver the project. Therefore, the Evaluation Committee determined that Dudek is the most qualified firm to complete the project.

Review of Fee Proposal and Negotiations:

Proposals were accompanied by sealed fee proposals. In accordance with OC San's Purchasing Ordinance, only the fee proposal of the highest-ranked firm was opened after approval of the Evaluation Committee's recommendation by the Director of Engineering.

Staff conducted negotiations with Dudek to clarify the requirements of the scope of work, the assumptions used for the estimated level of effort, and the proposed approach to meet the goals and objectives for the project. These discussions occurred over multiple meetings.

The level of effort was increased based on clarifications to the project scope, including additional cost estimating and traffic control support.

	Original Fee Proposal	Negotiated Fee
Total Hours	3,847	3,962
Total Fee	\$1,068,856	\$1,140,000

The Consultant's fringe and overhead costs, which factor into the billing rate, have been substantiated. The contract profit is 8.48%, which is based on an established formula in OC San's standard design agreements. Staff is requesting a 10 percent contingency to address revisions as the project progresses through preliminary and final design.

Based on the above, staff has determined that the final negotiated fee is fair and reasonable for the level of effort required for this project and recommends approval of the Professional Design Services Agreement to Dudek.

CEQA

The project is exempt from CEQA under the Class 1 categorical exemptions set forth in California Code of Regulations sections 15301. A Notice of Exemption will be filed with the OC Clerk-Recorder and State Clearinghouse following OC San Board of Directors' approval of the Professional Design Services Agreement.

FINANCIAL CONSIDERATIONS

This request complies with the authority levels of OC San's Purchasing Ordinance. This item has been budgeted (Budget Update FY 2025-26, Page A-5, MacArthur Pump Station Rehabilitation, Project No. 7-63), 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 Design Services Agreement

OP:lb