



AGENDA STAFF REPORT

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Agenda Number: A

Section Name: ACTION CALENDAR

File ID: 0710.02.01, 0710.1017

Project ID: NP2302

MEETING DATE: February 11, 2025

SUBJECT: Authorize the General Manager to execute Task Order No. 8 with Krieger & Stewart, Inc., in the amount of \$261,000 for Engineering Design Services for the WRP 10 Existing Low Pressure Non-Potable Water Connections Improvement Project (NP2302) and approve additional expenditures for a total request of \$341,000.

TO: BOARD OF DIRECTORS

FROM: ENGINEERING/SANITATION/NONPOTABLE WATER, CARRIE OLIPHANT

GENERAL MANAGER RECOMMENDATION:

RECOMMENDATION:

Authorize the General Manager to execute Task Order No. 8 with Krieger & Stewart, Inc., in the amount of \$261,000 for Engineering Design Services for the WRP 10 Existing Low Pressure Non-Potable Water Connections Improvement Project (Project).

This request also includes the following additional expenses:

- CVWD Engineering – \$50,000
- Contingency – \$30,000

The total cost of this request is \$341,000.

BUDGET IMPACT:

The total engineering design cost for the WRP 10 Existing Non-Potable Water (NPW) Connections Improvement Project is estimated at \$341,000. The Project (NP2302) is included in the Sanitation Fund Fiscal 2024-2025 Capital Improvement Budget in the amount of \$320,000. The project is a multi-year project that is being funded with Pay-Go funds. It is anticipated that \$320,000 will be spent this fiscal year with the remaining design and construction costs to be budgeted and spent in the following fiscal years using the same funding source. Therefore, there will be no adverse impact to the Sanitation Fiscal Year 2024-2025 Capital Improvement Budget.

PROCUREMENT METHOD:

Formal Bid/RFP

If other, please explain: .

BACKGROUND

CVWD began delivering Non-Potable Water (NPW) in the WRP 10 service area in the late 1980s. The existing NPW system is composed of two types of connections: direct connections and lake delivery connections. Direct connections supply NPW directly to irrigation systems, while lake delivery connections provide NPW to on-site ponds and lakes. CVWD's current NPW system expansion plans focus exclusively on lake delivery for new golf course customers.

CVWD's standard design for lake delivery connections includes the installation of a flow control and pressure sustaining valve (Control Valve), which limits the instantaneous flow rate to each connection to a predetermined rate at a specified system pressure. However, CVWD has identified nine existing lake/pond delivery connections that are not equipped with these Control Valves, leading to unregulated instantaneous flow rates and consequently reducing available deliveries to other customers. CVWD is currently expanding its WRP 10 NPW system and plans to add up to twenty-two (22) lake delivery connections over the next several years. Staff has completed a hydraulic analysis of the WRP 10 NPW system and recommends that all existing and newly proposed connections include a Control Valve to maintain the required system pressure and flow rates.

This project involves the design and installation of a new Control Valve on nine existing NPW connections. The nine existing NPW connections includes Desert Willow, Palm Desert Greens, Silver Sands (1 & 2), Casablanca, Marriott Desert Springs, Portola Country Club, First Tee, and Palm Desert High School.

On October 28, 2024, staff issued an informal Request for Proposals (RFP) to On-Call Engineering Services Consultants via PlanetBids for design engineering services. On November 18, 2024, three proposals were received from Albert A. Webb Associates (Webb), Krieger & Stewart, Inc. (K&S), and Engineering Resources of Southern California, Inc. (ERC). The estimated cost for design services was \$250,000.

- ERC submitted a cost proposal in the amount of \$218,040. ERC's proposal excluded the completion of an aerial or topographic survey, a requirement explicitly stated in the RFP scope. Upon confirmation with ERC, their proposal was deemed non-responsive.
- K&S submitted a cost proposal in the amount of \$261,000. K&S' proposal clearly described their project approach and includes all project tasks pursuant to the RFP scope description. Staff finds K&S's cost proposal to be reasonable for the level of services.
- Webb submitted a cost proposal in the amount of \$442,317. Staff finds Webb's proposal costs inconsistent with the level of services required for the project.

Based on the proposal evaluations, K&S provides the best value for the project. Staff recommends that the Board authorize the General Manager to execute Task Order No. 8 with K&S in the amount of \$261,000 for Engineering Design Services for the WRP 10 Existing Low Pressure Non-Potable Water Connections Improvement Project. Staff also recommends the Board approve additional project expenses, including \$50,000 for CVWD Engineering and \$30,000 for project contingency, bringing the total project request to \$341,000.

PRIOR BOARD ACTION:

N/A

DISTRICT STRATEGIC PLAN GOAL(S)/OBJECTIVES(S):

Approval of the Engineering Design Services for the WRP 10 Existing Low Pressure Non-Potable Water Connections Improvement Project aligns with the CVWD core value of the Coachella Valley Water Management plan including water conservation, water supply augmentation and source substitution to reduce reliance on

groundwater.

ENVIRONMENTAL IMPACT:

The engineering design of the Project is not a project as defined by CEQA. Therefore, approval does not require any CEQA action.

PUBLIC NOTICE REQUIRED

N/A

LEGAL REVIEW

N/A

ATTACHMENTS

Att 1 - BAI Map

Att 2 - Krieger & Stewart, Task Order 8

Att 3 - Krieger & Stewart Proposal

Att 4 - Informal Proposal Request Table