



AGENDA STAFF REPORT

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Agenda Number: D
File ID: 0710.1503.0426

Section Name: CONSENT CALENDAR
Project ID: NP2002 and WR7022

MEETING DATE: July 9, 2024

SUBJECT: Authorize the General Manager to execute Task Order No. 9 with Black & Veatch Corporation to provide professional engineering services for the preparation of the Water Infrastructure Improvements for the Nation (WIIN) grant application for the Young's Farmland NPW Pipeline and WRP 7 Phase 1 Non-Potable Water Improvements Project

TO: BOARD OF DIRECTORS

FROM: ENGINEERING/SANITATION/NONPOTABLE WATER, CARRIE OLIPHANT

GENERAL MANAGER RECOMMENDATION:

RECOMMENDATION:

Authorize the General Manager to execute Task Order No. 9 under a Professional Services Agreement (PSA) with Black and Veatch Corporation in the amount of \$36,000 to provide professional engineering services for the preparation of the Water Infrastructure Improvements for the Nation (WIIN) grant application for the Young's Farmland NPW Pipeline and WRP 7 Phase 1 Non-Potable Water Improvements Project. It is also recommended that the Board of Director authorize the following additional expenditures:

- Project Management - \$18,000
- Project Contingency - \$18,000

The total amount of this request is \$72,000.

BUDGET IMPACT:

The total estimated cost of the Young's Farmland Non-Potable Water Pipeline and WRP-7 Phase I Non-Potable Water Improvements Projects (Project), including soft costs, is \$26,950,000. Staff have applied for the Clean Water State Revolving Fund (CWSRF) loan of \$26,950,000 for this Project. Staff anticipates that the Project may qualify for up to \$5,000,000 in CWSRF grant, though this is dependent on state funding availability. The project will include \$2,000,000 in available Water Demand Offset Fee (WDOF) revenue in FY 25. The WDOF fund currently has approximately \$2,600,000 in available funding. Therefore, the total project cost will be partially funded with the CWSRF loan, the WDOF revenue, and potentially grant funds.

In addition, staff has also submitted the Title XVI Water Infrastructure Improvements for the Nation (WIIN) feasibility study for this Project to the Bureau of Reclamation. Following the approval of this Task Order No. 9,

staff will apply for a WIIN grant in the amount of \$6.8 million by September 30, 2024. If the Project receives a WIIN grant, the corresponding amount of the CWSRF loan will be reduced.

The Projects (WR7022 and NP2002) are included in the Sanitation Fund Fiscal 2024-2025 Capital Improvement Budget in the amount of \$3,530,000. The Project is a multi-year construction project, so funds have been budgeted in the subsequent fiscal years using the same funding source.

PROCUREMENT METHOD:

X N/A

If other, please explain: .

BACKGROUND

Water Reclamation Plant No. 7 (WRP-7) is located at 80-609 Avenue 38 in the city of Indio. The facility consists of preliminary treatment, secondary treatment, tertiary treatment, solids handling, disinfection and land disposal ponds. WRP-7 has a secondary treatment capacity of 5 million gallons per day (MGD) and a tertiary treatment capacity of 2.5 MGD that meets California Title 22 regulations for recycled water. The recycled water produced at WRP-7 is supplemented with canal water to create a blended water also known as Non-Potable Water (NPW).

On January 12, 2021, after a request for proposal procurement, the Board of Directors approved expanding the tertiary capacity of Water Reclamation Plant No. 7 and executed a Professional Services Agreement with Black & Veatch (B&V) for the design of WRP-7 Phase I NPW Improvements project. The proposed Project includes expanding the tertiary treatment system (recycled water) at Water Reclamation Plant No. 7. The project will increase the tertiary capacity by 3 million gallons per day (MGD) for a total capacity of 5.5 MGD, add a 5 million-gallon tertiary water storage bladder, repurpose a land disposal pond to store secondary effluent for retreatment, upgrade the capacity of the MP113.2 pump station, and upgrade the capacity of NPW pump station. The Project also includes the construction of a new NPW pipeline connection to Young's Farmland to meet their irrigation demands.

The design of the Project has been substantially complete as of June 2024. However, during the final review, CVWD staff identified an opportunity to continue with seeking additional grant funds through the Title XVI Water Infrastructure Improvements for the Nation (WIIN) program. Staff has been very successful in securing WIIN grants for the WRP 10 NPW System Expansion. Staff has received two separate WIIN grant approvals for WRP 10 NPW System Expansion in the amounts of \$12,276,517 and \$8,605,421, for a total WIIN grant approval amount of \$20,881,938.

Staff has submitted the Title XVI Water Infrastructure Improvements for the Nation (WIIN) feasibility study for this Project to the Bureau of Reclamation. The Project is now eligible to apply for the WIIN grant application before September 30, 2024 under the currently open Notice of Funding Opportunity. Staff has received a cost proposal from Black & Veatch (B&V) in the amount of \$36,000 to prepare the WIIN grant application. Staff has reviewed B&V's proposal and finds it reasonable for this type of work.

Therefore, staff requests approval of the Task Order No. 9 to B&V in the amount of \$36,000 to prepare the WIIN grant application for the Young's Farmland NPW Pipeline and WRP 7 Phase I Non-Potable Water Improvements Project and authorize additional project soft costs, for a total Project authorization of \$72,000.

PRIOR BOARD ACTION:

The Board authorized execution of a Professional Services Agreement with Black & Veatch (B&V) for the design of WRP-7 Phase I NPW Improvements project on January 12, 2021. The Board also authorized Task Order No. 2 for Ultraviolet Light Disinfection system design on January 23, 2022. The Board also authorized Task Order 6 for the preparation of Title XVI WIIN Feasibility Study on October 11, 2022 and Task Order 7 for CEQA document preparation on February 14, 2023. The Board authorized Task Order No. 36 with Krieger & Stewart, Inc. for the design of Young's Farmland NPW Pipeline project on September 24, 2019.

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

Approval of the WIIN grant application for the Young's Farmland NPW Pipeline and WRP 7 Phase 1 Non-Potable Water Improvements 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:

This 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 - Black & Veatch Task Order No. 9

Att 3 - Black & Veatch Proposal