



## AGENDA STAFF REPORT

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**Agenda Number: I**  
**File ID: 0710.1503.0426**

**Section Name: CONSENT CALENDAR**  
**Project ID: WR7022, NP2002**

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**MEETING DATE:** January 28, 2025

**SUBJECT:** Approve Task Order No. 12 to the Professional Services Agreement with Black & Veatch in the amount of \$49,998 for additional engineering design services 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:**

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**RECOMMENDATION:**

Approve Task Order No. 12 to the Professional Services Agreement with Black & Veatch in the amount of \$49,998 for additional engineering design services for the Young's Farmland NPW Pipeline and WRP 7 Phase 1 Non-Potable Water Improvements Project and authorize the General Manager to execute.

It is also recommended that the Board of Directors authorize the following additional expenses, for a total request of \$84,998.

- Project Management: \$25,000
- Project Contingency: \$10,000

**BUDGET IMPACT:**

The total cost of this request is \$84,998. The Young's Farmland NPW Pipeline and WRP 7 Phase 1 Non-Potable Water Improvements Projects, NP2002 and WR7022, respectively, are included in the Sanitation Fund Fiscal 2024-2025 Capital Improvement Budget in the amount of \$1,030,000. The design costs are eligible for the Clean Water State Revolving Fund (CWSRF) loan/grant and the United States Bureau of Reclamation Water Infrastructure Improvements for the Nation (WIIN) grant. There is sufficient funding in the budget to pay for these costs; therefore, there will be no impact to the Sanitation Fiscal year 2024-2025 Capital Improvement Budget.

**PROCUREMENT METHOD:**

☒ 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) and is served to two existing customers.

The WRP 7 Phase 1 Non-Potable Water Improvements Project (Project) consists of increasing the tertiary treatment capacity from the current 2.5 million gallons per day (MGD) to 5.5 MGD using disc cloth filters and an ultraviolet disinfection system to maximize the use of recycled water for existing and planned future NPW customers. In addition, the Project includes rehabilitation of the 30-year-old Mile Post 113.2 Canal Pump Station for canal water delivery to WRP 7. The Project also includes the construction of a new NPW pipeline connection to Young's Farmland to meet their irrigation demands.

Black & Veatch has completed the engineering design of the Project as of June 2024. However, during the final operational review, CVWD staff identified an opportunity to replace the aging Variable Frequency Drives (VFDs) within WRP-7's waste-activated sludge pump station. These VFDs are more than twenty years old and are obsolete, which makes it difficult to find replacement parts. Staff has obtained a cost proposal from Black & Veatch to include the additional engineering design for the replacement of these VFDs and extend the project schedule through June 30, 2025. Staff has determined that Black & Veatch's proposed costs are reasonable for the additional work required. The extended project schedule aligns with the anticipated duration for WIIN contract execution and the approval of the Project's NEPA documents.

Therefore, staff requests the approval of Task Order No. 12 with Black & Veatch in the amount of \$49,998 for the additional engineering design services and the project schedule extension. Staff also request authorization of additional project soft costs, bringing the total project authorization to \$84,998.

## **PRIOR BOARD ACTION:**

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, Task Order 7 for CEQA document preparation on February 14, 2023, and Task Order 9 for the preparation of WIIN grant application on July 9, 2024.

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

Approval of the additional engineering design services 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. 12

