



AGENDA STAFF REPORT

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Agenda Number: D
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Section Name: ACTION CALENDAR
Project ID: NP1602, NP1701, and NP2205

MEETING DATE: November 14, 2023

SUBJECT: Authorize the Solicitation of Bids for Construction of the Marriott Shadow Ridge, WRP-10 Low Pressure Capacity Expansion, and Emerald Desert Non-Potable Water Pipeline Projects

TO: BOARD OF DIRECTORS

FROM: ENGINEERING/SANITATION/NONPOTABLE WATER, CARRIE OLIPHANT

GENERAL MANAGER RECOMMENDATION:

RECOMMENDATION:

Authorize the solicitation of bids for construction of the Marriott Shadow Ridge, WRP-10 Low Pressure Capacity Expansion, and Emerald Desert Non-Potable Water Pipeline Projects (Project).

BUDGET IMPACT:

The total cost of the Marriott Shadow Ridge, WRP-10 Low Pressure Capacity Expansion, and Emerald Desert Non-Potable Water Pipeline Projects (Project), including soft costs, is \$16,800,000. The funding for the project is broken down as follows: Pay-Go Funds of \$1.3 million; Clean Water State Revolving Fund (CWSRF) loan funding of \$13.68 million, and Water Infrastructure Improvements for the Nation (WIIN) grant funding of \$1.82 million. The loan funding is to be paid in 30 years. In addition, staff will also apply for additional WIIN grant in the amount of \$1.65 million in December 2023. If approved, this additional WIIN grant will offset the corresponding amount of the CWSRF loan required for the Project.

The Project (NP1602, NP1701, and NP2205) is included in the sanitation fund fiscal 2023-24 capital improvement budget in the amount of \$2,050,000. The Project is a multi-year construction project. It is anticipated that \$900,000 will be spent in this fiscal year and the remaining funds will be budgeted in the upcoming fiscal years using the same funding source.

PROCUREMENT METHOD:

N/A

If other, please explain: .

BACKGROUND

The scope of work for Marriott Shadow Ridge, WRP-10 Low Pressure Capacity Expansion and Emerald Desert Non-Potable Water Pipeline Projects (Project) includes the design and construction of both the off-site and on-site pipelines. Only the off-site pipelines of the Project are eligible for the CWSRF loan and WIIN grant. The Project design for the off-site pipelines is complete. The purpose of this board action item is to request the authorization for the solicitation of bids for construction of the following off-site pipelines:

1. Marriott Shadow Ridge and Emerald Desert Non-Potable Water Pipeline: These two new NPW pipeline connections will deliver approximately 2,489 acre feet of NPW per year (AFY) for turf irrigation. The estimated total cost of these two projects is \$8,900,000. The funding is included with the FY 2017-2018 CWSRF loan and WIIN grant.
2. WRP-10 Off-Site Pipeline for Low Pressure Capacity Expansion Project: This new NPW pipeline will expand the delivery service within the low pressure zone. This new 36-inch diameter pipeline of approximately 7,100 linear feet will extend from WRP-10 to Cook St/Riviera St. and will increase the low pressure system capacity to provide additional NPW flow to connect new customers along the Frank Sinatra Drive alignment, which includes the following customers: (1) Marriott Shadow Ridge, (2) The Springs Country Club, (3) The S at Rancho Mirage formerly known as Desert Island Country Club, and (4) The Cotino development. The low-pressure pipeline will also support future NPW system expansion to new customers north of Frank Sinatra Drive and Bob Hope Drive. The estimated total cost of this new pipeline is \$6,600,000. The funding is included with the FY 2020-2021 CWSRF loan.

The Board approved a construction contract with Weka, Inc. to complete construction of the FY 2020-21 NPW off-site pipelines for seven new connections including Suncrest Country Club, Rancho Mirage Country Club, Sunnylands, Tamarisk Country Club, Jack Ivey Country Club, Tri Palm Country Club, Southwest Church, and Palm Royale Country Club on December 13, 2022. It is anticipated that Weka will complete this construction project in the spring of 2025. Staff is currently working on finalizing the designs for the FY 2020-21 On-Site pipelines project. It is estimated that the FY 2020-2021 On-Site pipelines project will be bid for construction in spring 2024 with construction completion in summer 2025. This Project will construct the remainder of the off-site pipelines for Marriott Shadow Ridge and the low pressure capacity expansion with a target to start-up NPW delivery for all seven FY 2020-21 NPW pipeline customers by the end of summer 2025.

The objectives of the FY 2017-18 NPW Pipeline Projects and FY 2020-2021 NPW Pipeline Projects are the following: 1) meet the goals of the Coachella Valley Water Management plan including water conservation, water supply augmentation and source substitution to reduce reliance on groundwater, 2) continue the goal to maximize use of the WRP 10 recycled water by expanding the NPW delivery to the low pressure zone and high pressure zone service areas, and 3) maximize the use of the CWSRF loan/grant and WIIN funding opportunities.

Staff recommends that the Board of Directors authorize the solicitation of bids for construction of the Marriott Shadow Ridge, WRP-10 Low Pressure Capacity Expansion, and Emerald Desert Non-Potable Water Pipeline Project.

PRIOR BOARD ACTION:

Prior board action included approval of the resolution authorizing the General Manager to execute a loan funding agreement for FY 2017-18 NPW Pipeline Connection Projects with the State Water Resources Control Board (SWRCB) on December 11, 2018. Prior board action also included approval of the resolution authorizing the General Manager to execute the loan funding agreement for FY 2020-21 NPW Pipeline Connection Projects with the SWRCB on April 12, 2022. Prior board action also included approval of the resolution to authorize the General Manager to execute the final budget approval for the FY 2020-21 NPW Pipeline Connection Projects with the SWRCB on October 24, 2023.

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

Approval of the Marriott Shadow Ridge, WRP-10 Low Pressure Capacity Expansion and Emerald Desert Non-Potable Water Pipeline 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:

X Yes, attachments included:

The board certified the Mitigated Negative Declaration for the Project and adopted the Mitigation Monitoring and Reporting Program for the FY 2017-18 NPW Pipeline Projects on August 14, 2018. The Board also certified the Mitigated Negative Declaration for the Project and adopted the Mitigation Monitoring and Reporting Program for the FY 2020-21 NPW Pipeline Projects on December 8, 2020. No further environmental review is required.

PUBLIC NOTICE REQUIRED

N/A

LEGAL REVIEW

N/A

ATTACHMENTS

Att 1 - Project Map

Att 2 – Notice of Determination

Att 3 – Notice of Determination