



**Board Planning Committee**

**April 11, 2019**

**SUBJECT:**

Approve and Authorize Agreements with Kennedy Jenks Consultants (\$145,730) and Woodard & Curran (\$158,188) for the Perris North Basin Implementation Plan, and Appropriation of \$374,000

**BACKGROUND:**

Eastern Municipal Water District (EMWD) has been pursuing opportunities for additional groundwater resources in the Perris North Groundwater Management Zone (Perris North) in the Moreno Valley area (Exhibit A). In 2010, EMWD and Western Municipal Water District developed an initial feasibility study that identified available local groundwater from Perris North; however, much of the groundwater is contaminated. Since that study was published, water levels in the area have continued to rise.

Since 2016, EMWD has developed and advocated a proposed program to capture and treat contaminated groundwater within the Perris North Basin. The program includes a series of groundwater extraction wells in the vicinity of March Air Reserve Base, pipelines, and treatment facilities to capture up to 6,700 acre-feet per year of additional groundwater yield.

Recently, staff prepared and submitted a Proposition 1 grant application to the State Water Resources Control Board (SWRCB) requesting \$36 million which is approximately half of the estimated program costs of \$72 million. The SWRCB received multiple letters of support for EMWD's program including letters from the Governor's Military Council, Senator Roth, Brigadier General Mathew Burger from the US Air Force, the Department of Water Resources, Metropolitan Water District of Southern California and various local, regional, and State agencies.

If successful in securing grant funding from the SWRCB, EMWD's deadline for reimbursement of program costs is June 2023. To better position EMWD to advance the program and maximize grant funding, further program calibration including development of an Implementation Plan is needed to facilitate CEQA review and preliminary/final design.

To date, staff has used two consultants, Kennedy Jenks Consultants and Woodard & Curran, from the competitively selected as-needed services list to prepare planning and groundwater modeling studies. To help expedite preparation of the program Implementation Plan, staff proposes to use the same consultants due to their familiarity with the initiative.

Staff requested proposals from Kennedy Jenks Consultants and from Woodard & Curran (Exhibit B and Exhibit C) that include the scope of services and estimated fees to complete the

Implementation Plan. A not-to-exceed fee in the amount of \$145,730 was negotiated with Kennedy Jenks Consultants for engineering services support, and is commensurate with the necessary level of effort. Also, a not-to-exceed fee in the amount of \$158,188 was negotiated with Woodard & Curran for groundwater modeling support that is commensurate with the necessary level of effort.

The estimated costs for the Implementation Plan are presented in the project cost estimate (Exhibit D).

**FINANCIAL IMPACT:**

Funding for this item is provided for in the Biennial Budget for Fiscal Years 2017-18 and 2018-19.

**STRATEGIC PLANNING GOAL/OBJECTIVE:**

Water Supply Diversity and Reliability: Develop and implement a portfolio of projects and management techniques to achieve a reliable and cost-effective balance of water supplies utilizing imported, local and recycled water sources.

**ENVIRONMENTAL IMPACT:**

This study is not a project as defined in the California Environmental Quality Act Code of Regulations, Title 14, Chapter 3, Section 15378.

**RECOMMENDATION:**

Approve and authorize the following:

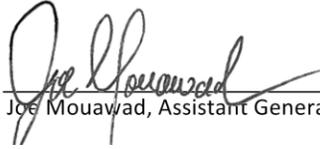
1. Execution by the General Manager, or his designee, of the District's standard form of contract with Kennedy Jenks Consultants, of Murrieta, California, in an amount not to exceed \$145,730 for engineering support for development of Perris North Basin Implementation Plan;
2. Execution by the General Manager, or his designee, of the District's standard form of contract with Woodard & Curran, of Sacramento, California, in an amount not to exceed \$158,188 for groundwater modeling in support of Perris North Basin Implementation Plan; and
3. Appropriation of \$374,000 to fund the Perris North Basin Implementation Plan.

**SUBMITTED BY:**



Paul D. Jones II, P.E., General Manager

4/8/2019



Joe Mouawad, Assistant General Manager

4/4/2019

**Attachment(s):**

*Exhibit A - Location*

*Exhibit B - Kennedy Jenks Proposal*

*Exhibit C - Woodard & Curran Proposal*

*Exhibit D - Cost Estimate*

*Presentation*

04/17/19 Board Meeting

Staff Contact: John Daverin