



**Board of Directors  
November 6, 2019**

**SUBJECT:**

Approve and Authorize an Amendment with Gannett Fleming, Incorporated, (\$397,644) for Final Design of the Murrieta Road Transmission Pipeline Improvements Project, and Additional Appropriation in the Amount of \$577,010

**BACKGROUND:**

The District is expanding its desalination facilities to enhance local potable water supply to meet increasing demands. The proposed Murrieta Road Transmission Pipeline Improvements Project (Project) will provide additional capacity to convey flows from the desalination complex to the surrounding service area.

The Project consists of approximately 6,800 linear feet of 36-inch diameter transmission pipeline, a 42-inch diameter pipeline crossing at Salt Creek, and related appurtenances along Murrieta Road between the desalination complex and La Piedra Road as shown on Exhibit A. The Perris II Desalter is slated to start operation in June 2021, therefore the Project must be completed and operational as soon as reasonably practical to support the expansion.

In May 2019, the Board approved and authorized an agreement with Gannett Fleming, of San Marcos, California, to provide preliminary design services in the amount of \$398,402, and authorized \$786,820 to fund Project expenses through completion of the preliminary design phase. The preliminary design was recently completed.

In order to expedite schedule and maintain design continuity, staff solicited and negotiated a scope of work (Exhibit B) and fee from Gannett Fleming for final design phase engineering services. Gannett Fleming was competitively selected for the preliminary design phase for this Project and was also competitively selected for the District's annual on-call contract for water and wastewater treatment facilities engineering services. A not-to-exceed fee in the amount of \$397,644 was negotiated with Gannett Fleming for Project final design services that is considered to be fair and reasonable and commensurate with the required level of effort.

The scope of services includes the following tasks: project management; field investigations; preparation of construction contract documents (plans and specifications); traffic control plans; permitting assistance; and bidding support. Gannett Fleming has identified various sub-consultants to continue performing the following tasks through final design:

- Leighton Consulting, Incorporated, of Temecula, California – Geotechnical Services
- Mott MacDonald, of Los Angeles, California – Trenchless Design Services
- Darnell & Associates, of San Diego, California – Traffic Control Design Services

- RF Yeager Engineering, of Lakeside, California – Corrosion Design Services

The project cost estimate has been updated to incorporate project related expenses, including engineering services and associated staff labor, through the completion of the bidding phase as presented in Exhibit C. Final design is scheduled to be completed by February 2020.

**FINANCIAL IMPACT:**

This project is included in the Fiscal Year 2019-20 Capital Improvement Program (CIP) Budget and will be financed from the General District Restricted Water System Expansion Fund.

**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 project is subject to the California Environmental Quality Act (CEQA). In conformance with the California Code of Regulations Title 14, Chapter 3, Section 15063, the District is currently preparing an Initial Study to determine if the proposed project may have a significant impact on the environment. The Initial Study will provide the District with information to use as the basis for deciding whether to prepare an EIR or negative declaration. The expectation at this time is that a mitigated negative declaration is an appropriate level of review for the proposed project. The Initial Study is expected to be completed in late October 2019.

**RECOMMENDATION:**

Approve and authorize the following:

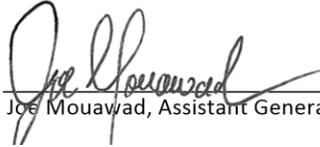
1. Execution by the General Manager, or his designee, of the District's standard form of contract amendment with Gannett Fleming, of San Marcos, California, for final design of the Murrieta Road Transmission Pipeline Improvements Project in the amount of \$397,644;
2. Administrative award and execution by the General Manager, or his designee, of the District's standard form of necessary contracts and agreements for implementation of the Murrieta Road Transmission Pipeline Improvements Project; and
3. Additional Appropriation of \$577,010, which brings the total project appropriation to \$1,363,830.

**SUBMITTED BY:**



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

10/18/2019



Joe Mouawad, Assistant General Manager

10/9/2019

**Attachment(s):**

*Exhibit A - Vicinity Map*  
*Exhibit B - Scope of Work*  
*Exhibit C - Cost Estimate*  
*Presentation*

**History:**

10/22/19      Board Operations and Engineering Committee      RECOMMENDED FOR  
APPROVAL  
11/06/19      Board Meeting

Staff Contact: Greg Kowalski, Jorge Anaya