



**Board of Directors
November 6, 2019**

SUBJECT:

Approve and Authorize an Agreement with Krieger & Stewart (\$166,000) for Final Design of the French Valley Recycled Water Pipeline Phase II, and Appropriation in the Amount of \$217,000

BACKGROUND:

The proposed French Valley Recycled Water Pipeline Phase II Project will extend approximately 12,300 feet of pipeline (Exhibit A) to provide recycled water to multiple retrofit sites in the French Valley community including the following:

- Emerald Park
- Brookfield Park
- Susan La Vorgna Elementary School
- Valley Wide Recreation & Park District Street Landscaping

The project will expand the recycled water distribution system to offset 121 acre-feet per year of existing potable water use for landscape irrigation and a future retrofit by Temecula Valley Unified School District to offset an additional 14 acre-feet per year for landscape irrigation.

Staff solicited a proposal from Krieger & Stewart to prepare the final design of the project. Krieger & Stewart was competitively selected to provide on-call engineering services for District projects. The scope of work includes preparation of a soils report, topographical survey, utilities location, cost estimate, and preparation of plans and specifications.

Staff has reviewed the proposal and negotiated the fee with Krieger & Stewart (Exhibit B). The proposed fee is commensurate with the proposed level of effort. Staff recommends that Krieger & Stewart perform the work due to their knowledge of the project and ability to complete the work on an expedited schedule. The proposed design effort is estimated to be completed within 10 months.

Appropriation of \$217,000 is requested to fund project costs through the construction bid/award phase, as shown on the Cost Estimate attached (Exhibit C).

FINANCIAL IMPACT:

This project will be financed from the Recycled Water Expansion Reserve Fund.

STRATEGIC PLANNING GOAL/OBJECTIVE:

Water Recycling: Implement on-going treatment, storage and distribution system projects and

programs to allow 100 percent utilization of treated effluent for the highest beneficial and sustainable uses possible.

ENVIRONMENTAL IMPACT:


This project is subject to the California Environmental Quality Act (CEQA) and an Environmental Impact Report (EIR) was prepared in conformance with California Code of Regulations Title 14, Chapter 3, Article 7, Section 15080, *et seq.* The Final EIR was certified and adopted by the Board in September 15, 2010.

RECOMMENDATION:

Approve and authorize the following:

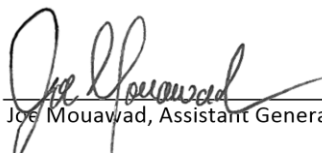
1. Execution by the General Manager, or his designee, of the District's standard form contract with Krieger & Stewart, for final design of French Valley Recycled Water Pipeline Phase II in the amount of \$166,000;
2. Administrative award and execution by the General Manager, or his designee, of the District's standard form of contracts with the necessary consultants and suppliers for engineering support during final design; and
3. Appropriation of \$217,000, to fund project costs through the Bid/ Award Phase.

SUBMITTED BY:



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

10/18/2019



Joe Mouawad, Assistant General Manager

10/14/2019

Attachment(s):

Exhibit A - Vicinity Map

Exhibit B - Proposal

Exhibit C - Cost Estimate

Presentation

History:

10/22/19 Board Operations and Engineering Committee RECOMMENDED FOR

APPROVAL

11/06/19 Board Meeting

Staff Contact: Fermin Balvaneda