



**Board of Directors
April 3, 2019**

SUBJECT:

Approve and Authorize Award of Contract with S.S. Mechanical (\$103,372) and Evoqua Water Technologies (\$131,886) for the Temecula Valley Regional Water Reclamation Facility Skimming Equipment Replacement Project for a Total Project Cost Not to Exceed \$260,000

BACKGROUND:

The water reclamation process includes various sedimentation tanks, or clarifiers, to separate solids from the water. Gravity concentrates the solids to the bottom of the tank where they can be pumped to solids handling facilities. Fat, oil, and grease (FOG) float to the top of the tank. This material is removed by skimming the surface of the tank to draw the FOG to a pump station where it is transferred to anaerobic digesters. Due to the harsh environment, some of skimming equipment can become corroded after many years of service. The Temecula Valley Regional Water Reclamation Facility (TVRWRf) has ten skimming assemblies which were constructed of carbon steel and are in need of replacement. The balance of the skimming equipment was constructed of stainless steel and is in good condition. Some of these components have been in operation since 1997, demonstrating the longevity of the stainless steel material. The remaining carbon steel equipment needs to be replaced with stainless steel units to ensure effective skimming operations for many years into the future.

Proposals were solicited from the list of District on-call contractors for construction services. A total of five proposals were received. As summarized in Exhibit A, the proposal from S.S. Mechanical was the highest rated, lowest cost proposal. S.S. Mechanical has completed similar work for the District and performed well. Staff also solicited quotes for the materials from several vendors. The original equipment manufacturer, Evoqua Water Technologies, provided the lowest quote as shown (Exhibit B). The total project cost is estimated to be \$260,000 as detailed in the attached cost estimate (Exhibit C).

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:

Maintenance: Implement and manage preventative and predictive maintenance programs that enable a highly reliable operation of the District's facilities and extend the useful life of assets.

ENVIRONMENTAL IMPACT:

None

RECOMMENDATION:

Approve and authorize the following:

1. Execution by the General Manager, or his designee, of a construction services contract with S.S. Mechanical in the amount of \$103,372;
2. Execution by the General Manager, or his designee, of a purchase order contract with Evoqua Water Technologies for the skimming equipment in the amount of \$131,886; and
3. Appropriation of funds for the total project in the amount not to exceed \$260,000.

SUBMITTED BY:



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

3/22/2019



Jeff D. Wall, P.E., Assistant General Manager

3/15/2019

Attachment(s):

Exhibit A - Summary of Contractors' Proposals

Exhibit B - Summary of Equipment Proposals

Exhibit C - Cost Estimate

History:

03/28/19 Board Operations and Engineering Committee RECOMMENDED FOR
APPROVAL
04/03/19 Board Meeting

Staff Contact: Matthew Melendrez