



**Board Operations and Engineering Committee  
September 24, 2020**

**SUBJECT:**

Approve and Authorize Award of Contract with Schuler Constructors, Inc., (\$386,067) for the San Jacinto and Temecula Valley Regional Water Reclamation Facilities Aeration Panel Membrane Replacements and Approve and Authorize Award of Contract with Parkson Corporation, for Aeration Membrane Materials (\$232,525) for a Total Project Cost Not to Exceed \$803,000

**BACKGROUND:**

Currently, the District's water reclamation facilities are equipped with fine bubble diffusion aeration panels manufactured by Parkson Corporation. The membrane material that generates the fine bubbles must be routinely replaced. At this time, the San Jacinto and Temecula Valley Regional Water Reclamation Facilities have aeration trains that require membrane replacements. This effort includes replacing a total of 465 membranes in eight aeration basins or zones. This award is the third and final award in a District effort to rehabilitate all aeration panel assemblies at the four reclamation facilities. Further aeration panel membrane replacements will not be required for approximately two to three years.

These membranes are proprietary and can only be purchased through the manufacturer and their local representative. As shown on the attached quotation from Parkson Corporation (Exhibit A), the total cost for membranes and hardware is \$232,525.

On August 10, 2020, the District issued Request for Proposal (RFP) No. 3220 to the District's pre-approved on-call maintenance contractors to replace the air diffuser membranes. A total of three proposals were received. The proposals were evaluated on a variety of criteria including price and previous experience. As shown on the attached summary (Exhibit B), Schuler Constructors, Inc., (Schuler) was the highest rated proposal. The proposed price from Schuler was approximately \$1,300 more than the lowest cost proposal, however, the proposed schedule and previous experience of Schuler was superior to the lowest bidder.

The total project cost is estimated at \$803,000 (Exhibit C), including staff labor, miscellaneous materials, and contingencies.

**FINANCIAL IMPACT:**

Funding for this item is provided for in the Biennial Budget for Fiscal Years 2019-20 and 2020-21.

**STRATEGIC PLANNING GOAL/OBJECTIVE:**

Maintenance: Implement and manage preventative and predictive maintenance programs that enable a highly reliable operation of EMWD'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, for the award of contract with Schuler Constructors, Inc., for the San Jacinto and Temecula Valley Regional Water Reclamation Facilities Aeration Panel Membrane Replacements in the amount of \$386,067;
2. Execution by the General Manager, or his designee, for the award of contract with Parkson Corporation, for the Aeration Panel Membrane Replacements in the amount of \$232,525; and
3. Authorize funds for the total project in the amount not to exceed \$803,000.

**SUBMITTED BY:**

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

9/17/2020

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

9/11/2020

**Attachment(s):**

*Exhibit A - Quote*

*Exhibit B - RFP Proposal Summary*

*Exhibit C - Cost Estimate*

*Presentation*

10/07/20 Board Meeting

Staff Contact: Matthew Melendrez