

Staff Report

Regular Board Meeting

TO: Governing Board Members

FROM: General Manager/CEO

SUBJECT: Consider Ratification of Contract with Xylem Dewatering Solutions for the Sterling Natural Resource Center which was approved on an emergency basis

RECOMMENDATION

That the Board of Directors ratify the approval of a contract with Xylem Dewatering Solutions, Inc. for emergency pump rental equipment.

BACKGROUND / ANALYSIS

The Sterling Natural Resource Center (SNRC) includes four pumps and motors to begin the treatment process of recycled water. The pumps and motors lift sewer influent from the 30-ft deep pipeline and wetwell to the above grade headworks facility. The pumps are critical to the treatment plant operation and include redundant pumps. Two pumps are required for normal operation while two pumps are backups in case the first two pumps fail.

The SNRC began operation in January 2024. The influent pump motors have experienced several issues that require the pumps to be transferred to the manufacturer's repair facility; the repairs have been completed under the contractor warranty. Typically, one pump is removed, which still provides two duty pumps and one backup pump. However, in late October one pump was being repaired and a second influent pump failed leaving only two duty pumps in operation.

The removal, diagnosis, parts procurement, repair and installation takes 1-3 months for each pump and motor. The risk of failure of one of the duty pumps would cause a backup of wastewater that would eventually spill. District staff and the design-build contractor evaluated alternatives to quickly provide backup pumping in case an additional influent pump fails.

The District negotiated an emergency installation of a temporary pump system with Xylem Dewatering Solutions Inc. Xylem provides engineered solutions for the water/wastewater industry including rental solutions for emergency responses. The District issued an emergency purchase order to Xylem on October 22, 2024, in the amount of \$172,000. The purchase order is based on up to a 6-month rental. The District will keep the temporary system until all four influent pumps are operating. District policy 7.1 requires the Board to ratify the emergency purchase order to Xylem. The cost for the rental pumping equipment was not budgeted and will be paid from the

Water Reclamation Fund.

AGENCY GOALS AND OBJECTIVES

III - Deliver Public Service With Purpose While Embracing Continuous Growth

A. Advance Emergency Preparedness Efforts

IV - Promote Planning, Maintenance and Preservation of District Resources

A. Develop Projects and Programs to Ensure Safe and Reliable Services

B. Enhance Planning Efforts that Respond to Future Demands

REVIEW BY OTHERS

This agenda item has been reviewed by the Administration and Water Reclamation Departments.

FISCAL IMPACT

The fiscal impact associated with this agenda item is that expenses up to \$172,000 will be paid from the Water Reclamation Fund reserves. The mid-year budget will reflect the added contract service expenses.

Recommended by:

Respectfully submitted:



Michael Moore
General Manager/CEO



Manny Moreno
Water Reclamation Manager

ATTACHMENTS

Presentation
Xylem Quote