



RIVERSIDE PUBLIC UTILITIES

Board Memorandum

BOARD OF PUBLIC UTILITIES

DATE: SEPTEMBER 12, 2022

SUBJECT: SERVICES AGREEMENT FOR REPLACEMENT OF ACTUATORS AT JW NORTH WATER TREATMENT PLANT WITH R&B AUTOMATION, INC., OF TEMECULA, CALIFORNIA, IN THE AMOUNT OF \$75,006.99

ISSUE:

Approve the Services Agreement for Replacement of Actuators at JW North Water Treatment Plant with R&B Automation, Inc., of Temecula, California, in the amount of \$75,006.99.

RECOMMENDATIONS:

That the Board of Public Utilities:

1. Approve the Services Agreement for Replacement of Actuators at JW North Water Treatment Plant with R&B Automation, Inc., of Temecula, California, in the amount of \$75,006.99;
2. Authorize the City Manager, or designee, to execute the Services Agreement with R&B Automation, Inc., including making minor and non-substantive changes; and
3. Approve Work Order No. 2227727 for the actuator replacement work at JW North Water Treatment Plant.

BACKGROUND:

In September 2008, Riverside Public Utilities (RPU) completed construction of the John W. North Water Treatment Plant. The main purpose for the treatment plant was to treat raw water from the City's Flume Wells in the Riverside North Basin and to increase potable water supply for the city.

DISCUSSION:

On April 4, 2022, RPU's maintenance crew was dispatched to the John W. North Water Treatment Plant to diagnose a suspected problem with several of the water treatment plant's water influent and effluent valves. Staff determined that some of the actuators, which automatically control the position of the valves through the treatment plant's control system, were malfunctioning. The malfunction of the actuators is causing valves to partially open or not fully close. This problem is disrupting the plant treatment processes and, over time, will jeopardize the plant's ultrafiltration membrane system.

Typically, staff will repair the actuators; however, parts are no longer available as the manufacturer has discontinued this item. The team has identified a compatible actuator that meets the plant's specifications. The actuator is manufactured by Kinetrol and solely distributed by R&B Automation. The purchase of the actuator via R&B Automation provides advantages as they can install and assist in the maintenance of these units if needed.

Staff will take a phased approach to replace all the actuators with priority on the malfunctioning units or units with extreme wear and tear. The treatment plant has 15 actuators, nine of which urgently need replacement. Replacement of the remaining actuators will occur as they start to fail or show a need for replacement.

Purchasing Resolution No. 23812, Section 702(d), provides that informal procurement instead of competitive procurement may be utilized when the procurement can only be obtained timely from a single source and the Manager is satisfied that the best price, terms, and conditions for the procurement therefore have been negotiated. In this case, the procurement can only be obtained from a single source, for the reasons noted above, and it complies with all the requirements under this section.

The Purchasing Manager concurs that the recommended actions are compliant with Purchasing Resolution No. 23812.

STRATEGIC PLAN ALIGNMENT:

This item contributes to **Strategic Priority 4 - Environmental Stewardship** and **Goal 4.2:** Sustainably manage local water resources to maximize reliability and advance water reuse to ensure safe, reliable, and affordable water to our community.

The item aligns with each of the five cross-cutting threads as follows:

1. **Community Trust** – Customers receive safe, reliable drinking water.
2. **Equity** – The JW North Water Treatment facility produces potable water to Riverside's water infrastructure ensuring safe and reliable water for all members of the community.
3. **Fiscal Responsibility** – This item is neutral toward this cross-cutting thread.
4. **Innovation** – Through the collaborative partnership with a local contractor, we were able to provide a quick response in sourcing the replacement actuators with no impact on Riverside's water service to the community.
5. **Sustainability & Resiliency** – Present needs are met utilizing an existing local water source in a sustainable matter from the prioritization of groundwater sources.

FISCAL IMPACT:

The total fiscal impact is \$75,006.99. Sufficient funds are available in Public Utilities Water Capital Account No. 6230000-470803.

Prepared by: David A. Garcia, Utilities Assistant General Manager/Water
Approved by: Todd M. Corbin, Utilities General Manager
Approved by: Kris Martinez, Assistant City Manager
Approved as to form: Phaedra A. Norton, City Attorney

Certifies availability
of funds: Edward Enriquez, Interim Assistant City Manager/Chief Financial
Officer/City Treasurer

Attachments:

1. Services Agreement
2. Single Source Authorization
3. Presentation