



**CITY COUNCIL STAFF REPORT**

**ITEM NO. 6.2**

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**DATE:** April 27, 2026

**TO:** Honorable Mayor and City Council

**FROM:** Brent Smith, Community Development Director

**SUBJECT:** Resolution awarding a construction contract with Bockmon & Woody Electric Company, Inc. in an amount not-to-exceed \$2,234,030, for WRP SCADA Server & Network Upgrade Project WW202129.

**RECOMMENDED ACTION**

Staff recommends the City Council adopt a resolution for the WRP SCADA Server & Network Upgrade Project WW202129:

1. Awarding and authorizing the City Manager to execute a construction contract with Bockmon & Woody Electric Company, Inc., in an amount not-to-exceed \$2,234,030, pursuant to Livermore Municipal Code Section 2.68.570 (C); and
2. Rejecting all other bids or proposals.

**DECISION TYPE**

Administrative

**SUMMARY**

The City of Livermore (City) uses a Supervisory Control and Data Acquisition (SCADA) system to monitor and control operations at the Water Reclamation Plant (WRP), sewer lift stations, storm lift stations, and potable water pump stations. The WRP SCADA Server & Network Upgrade Project WW202129 (Project) includes replacing SCADA network infrastructure to improve system reliability, maintenance, and security.

Two bids for the Project were received on March 10, 2026. Staff recommends the City Council award a construction contract to Bockmon & Woody Electric Company, Inc., the lowest responsible and responsive bidder.

**DISCUSSION**

The City of Livermore (City) uses a Supervisor Control and Data Acquisition (SCADA) system to monitor

and control the Water Reclamation Plant (WRP), sewer lift stations, storm lift stations, and potable water pump stations. The SCADA system is situated at the WRP as shown on Attachment 1, Project Location. It consists of multiple hardware and software components designed to work together to collect, process, and maintain data to support equipment operation in real-time. The SCADA system and the data it collects are critical to supporting operations and regulatory reporting functions.

The City's 2021 SCADA Master Plan identified several component replacement projects for servers, networks, and Programmable Logic Controllers (PLCs). Prioritization is based on lifecycle obsolescence and criticality to the SCADA system. The first phase of the WRP SCADA Server & Network Upgrade Project WW202129 (Project) was completed in 2024. That project replaced dozens of individual servers with two centralized virtual machine cluster servers. This significantly increased the City's ability to manage servers and improve disaster recovery capabilities at the WRP.

This current phase of the Project will further improve the SCADA system in several ways:

- Replacing multi-mode fiber-optic cables with single-mode cables to achieve higher data speeds.
- Separating network equipment from PLC equipment to improve reliability, maintenance, and security.
- Replacing unmanaged switches to establish a self-healing ring topology for more reliable SCADA system communications.
- Relocating the disaster recovery server to another building to improve system resiliency during a disaster.
- Installing battery backup packages at two remote water reservoir sites to eliminate communication downtime.

Staff advertised the Project on February 2, 2026. On March 10, 2026, two (2) bids were received and opened for this Project. The following is a list of the bids received. Both bids are less than the Engineer's Estimate of \$2,800,000.

**WRP SCADA Server & Network Upgrade Project WW202129 - Bid Results**

Contractor	City	Bid Amount
Bockmon & Woody Electric Company, Inc.	Stockton	\$2,234,030
Blocka Construction, Inc.	Pleasanton	\$2,496,000

The lowest responsible and responsive bidder was Bockmon & Woody Electric Company, Inc., from Stockton, California. They have successfully completed similar upgrades at the WRP. Staff checked references for Bockmon & Woody Electric Company, Inc., and found them satisfactory. In accordance with Livermore Municipal Code Section 2.68.590 (B), a cumulative Change Order authorization of 10% of the contract value is allowed.

**FISCAL AND ADMINISTRATIVE IMPACTS**

The budget for the WRP SCADA Server & Network Upgrade Project WW202129 in the FY 2025-2030 Capital Improvement Plan covers the cost of this construction contract and all other project costs including design, engineering services during construction, construction management, inspection, programming, testing, project management, and potential change orders. No additional appropriations are required. The project is funded with Wastewater Replacement Funds and Wastewater Connection

Fees.

Annual operations and maintenance costs for new equipment are estimated at \$38,000 per year. Operations and maintenance costs will be funded from the operating budget of the Water Resources Division.

**COMMUNITY PILLAR**

1: A Safe Community that Thrives

**GOAL**

11: Operate and maintain municipal water systems that provide safe, efficient delivery of potable and recycled water, collect and treat wastewater, and comply with all federal, state, and local regulations.

**GUIDING DOCUMENT**

2021 WRD SCADA Master Plan

FY 2025-2030 Capital Improvement Plan

**ATTACHMENTS**

- 1. Project Location
- 2. Resolution
- 3. Exhibit A - Contract with Bockmon & Woody

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Fiscal Review by:



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Tina Olson  
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