



Board of Aldermen Request for Action

MEETING DATE: 8/4/2026

DEPARTMENT: Public Works

AGENDA ITEM: Resolution 1607, awarding Bid No. 26-05, Control System Update – SCADA (Supervisory Control and Data Acquisition)

REQUESTED BOARD ACTION

A motion to approve Resolution 1607, awarding Bid No. 26-05, Control System Update – Supervisory Control and Data Acquisition (SCADA) to American Control & Engineering Service, Inc. in the amount of \$325,000.

SUMMARY

This is a computer-based system used to monitor, gather, and process real-time data while controlling all different kinds of equipment. This water plant has had several upgrades over the years with bits and pieces of the equipment needed to go fully automated through SCADA, but it was never finished to make it fully operational. When finished and running correctly it will control all VFD motors, chemical dosing, chlorine analyzer, turbidity meters, booster stations, tower levels, raw station, clarifiers, backwashes, trends, print out monthly reporting numbers and have several different types of alarms tied to it. Its main point here is to run off the levels of the tanks at the plant, to turn on and off the plant when certain elevations are reached in the tanks. A fully implemented SCADA system will also be beneficial with a more consistent water quality, allow us to more quickly respond to changes in the raw water coming from the lake and adjust chemical feed systems to treat for taste and odor. This will also allow us to move to a different staff schedule.

Five bids were received. The low bid from Kansas Electric only includes software / programming. The bid also required mechanical and electrical components to control pumps, valves and motors. We discussed the requirements of the bid with the contractor, and he misunderstood the scope of the project. Therefore, this bid is considered non-responsive and did not meet the specifications nor scope of the project and is rejected.

The project was originally awarded to Baker Group on June 2 through Resolution 1589. However, Baker Group did not return the signed Agreement, required bonds, and insurance documents, until July 1, after the proposal period had expired. Since the City had not executed the Agreement and no Notice to Proceed had been issued, the City withdrew its Notice of Award and notified Baker Group that it would not proceed. Staff then contacted the next lowest bidders. Pedrotti Company provided an updated cost but could not complete the work this year. American Control & Eng. confirmed it would honor its original price and could complete the work this year.

To prevent further delays to the project, staff recommends awarding the project to American Control & Eng. Staff has checked the company's references and received favorable feedback.

Bids were opened on Tuesday, May 12.

Name	Amount
Kansas Electric	\$80,625.00
Baker Group	\$230,179.00
Pedrotti Company	\$246,700.00
American Control & Eng.	\$325,000.00
Wachter Inc	\$372,000.00

PREVIOUS ACTION

Awarded Bid No. 26-05, Control System Update – Supervisory Control and Data Acquisition (SCADA) to Baker Group

POLICY ISSUE

Infrastructure Maintenance

FINANCIAL CONSIDERATIONS

In the CWWWS (Combined Water and Wastewater System) CIP for 2026 there was funding for taste and odor, which will not be completed but will continue to be monitored and planned to be included with the plant expansion. Taste and odor was discussed along with the SCADA project at the work session on April 7. There is sufficient funding for the SCADA improvements in the CIP.

ATTACHMENTS

- | | |
|--|-----------------------------------|
| ☐ Ordinance | ☐ Contract |
| ☒ Resolution | ☐ Plans |
| ☐ Staff Report | ☐ Minutes |
| ☐ Other: <u>Bid Tab</u> | |

RESOLUTION 1607

A RESOLUTION AWARDING BID NO. 26-05, CONTROL SYSTEM UPDATE – SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA), TO AMERICAN CONTROL & ENGINEERING SERVICES, INC. IN THE AMOUNT OF \$325,000

WHEREAS, the City of Smithville requires upgrades to the Supervisory Control and Data Acquisition (SCADA) system at the Water Treatment Plant to fully automate plant operations, improve water quality, enhance operational efficiency, and provide improved monitoring and control of the City's water system; and

WHEREAS, the City solicited bids for Bid No. 26-05 in accordance with the City of Smithville Purchasing Policy, and bids were publicly opened on May 12, 2026; and

WHEREAS, the apparent low bid was determined to be non-responsive, the previously awarded contract could not be executed, and staff recommends awarding the project to American Control & Eng., which has agreed to honor its original bid and complete the project in 2026; and

WHEREAS, funding for the project is available in the 2026 Combined Water and Wastewater System Capital Improvement Program.

NOW THEREFORE BE IT RESOLVED BY THE BOARD OF ALDERMEN OF THE CITY OF SMITHVILLE, MISSOURI, AS FOLLOWS:

THAT Bid No. 26-05, Control System Update – Supervisory Control and Data Acquisition (SCADA), is hereby awarded to American Control & Eng. and the contract for the same, in substantially the form attached hereto as Exhibit A, incorporated into this resolution as if fully set forth herein, is hereby approved.

FURTHER, THAT the Mayor, City Administrator, and other appropriate officials of the City are authorized to take such further actions, including, but not limited to, the execution of the aforementioned contract and any other contract, document, or instrument, necessary to carry out the intent of this resolution.

PASSED AND ADOPTED by the Board of Aldermen and **APPROVED** by the Mayor of the City of Smithville, Missouri, the 4th day of August 2026.

Damien Boley, Mayor

ATTEST:

Linda Drummond, City Clerk