



Board of Aldermen Request for Action

MEETING DATE: 6/2/2026

DEPARTMENT: Public Works

AGENDA ITEM: Resolution 1589, awarding Bid No. 26-05, Control System Update – SCADA (Supervisory Control and Data Acquisition)

REQUESTED BOARD ACTION

A motion to approve Resolution 1589, awarding Bid No. 26-05, Control System Update – Supervisory Control and Data Acquisition (SCADA) to Baker Group in the amount of \$230,179.

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 bid received from the Baker Group does meet the specification requirements. The company has been to the water plant twice and thoroughly understands the project scope. Staff received good feedback from reference checks.

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

none

POLICY ISSUE

Infrastructure Maintenance

FINANCIAL CONSIDERATIONS

In the CWWS (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

- | | |
|---|-----------------------------------|
| <input type="checkbox"/> Ordinance | <input type="checkbox"/> Contract |
| <input checked="" type="checkbox"/> Resolution | <input type="checkbox"/> Plans |
| <input type="checkbox"/> Staff Report | <input type="checkbox"/> Minutes |
| <input checked="" type="checkbox"/> Other: <u>Bid Tab</u> | |

RESOLUTION 1589

A RESOLUTION AWARDING BID NO. 26-05, CONTROL SYSTEM UPDATE – SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA) TO BAKER GROUP IN THE AMOUNT OF \$230,179

WHEREAS, Bids were opened and read aloud on May 12,2026 for Bid No. 26-05, Control System Update – SCADA; and

WHEREAS, after a bid process, as outlined in the City Purchasing Policy, and reference checks, staff is recommending the bid received from Baker Group as the most responsive and best bid received, and the most advantageous to the City in the amount of \$230,179.

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

THAT Bid No. 26-05 is hereby awarded to Baker Group in the amount not to exceed \$230,179 for Control System Update – Supervisory Control and Data Acquisition (SCADA) with a force account of \$25,000 for a total project cost of \$255,179.

FURTHER, THAT the Mayor, City Administrator, Public Works Director, or any other appropriate official of the City is authorized to execute any document, contract, or instrument necessary to carry out the intent of this Resolution on behalf of the City.

PASSED AND ADOPTED by the Board of Aldermen and **APPROVED** by the Mayor of the City of Smithville, Missouri, this 2nd day of June, 2026.

Damien Boley, Mayor

ATTEST:

Brandi Schuerger, Assistant City Clerk