



**TITLE:** Design and Installation of Water and Sewer Facility Supervisory Control and Data Acquisition (SCADA) System Contract Award

**DISPOSITION:** Discussion and possible action

**PRESENTER/S:** Didar Charles, Assistant City Engineer

**ATTACHMENT/S:** Attachment 1 – RFP Proposal, Attachment 2 –Scope and Cost, Attachment 3 – Contract

**STAFF RECOMMENDATION:** Staff recommend award of the contract for the Design and Installation of Water and Sewer Facility Supervisory Control and Data Acquisition (SCADA) System to SKM Engineering, Inc in the amount of \$434,025.00

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**SUMMARY:**

Supervisory Control and Data Acquisition (SCADA) is a monitoring and control system used by water and sewer utilities to track facility operations in real time. SCADA allows staff to remotely view and manage equipment such as water tanks, pumps, wells, lift stations, and treatment processes. It provides alarms, data trends, and system status so operators can respond quickly to issues and keep services running reliably.

The City's current SCADA system is outdated and no longer functioning as intended. It does not provide reliable data, many components are unsupported, and staff cannot see system conditions from a single, integrated platform. This limits our ability to monitor performance, respond to equipment failures, and ensure regulatory compliance.

The proposed SCADA upgrade will give the City a modern system that shows all water and sewer facilities in one place. Operators will be able to monitor tank levels, pump performance, flow rates, system pressures, and alarm conditions in real time. The new system will also improve data logging for reporting, enhance cybersecurity, and reduce staff time spent manually checking sites.

The City advertised an RFP for the Design and Installation of Water and Sewer Facility Supervisory Control and Data Acquisition (SCADA) System and received six proposals. A four-member review committee evaluated the submissions and invited two firms for interviews. Following the interviews, SKM was selected as the preferred consultant.

**Proposed Motion:** "I move to award the contract for the Design and Installation of Water and Sewer Facility Supervisory Control and Data Acquisition (SCADA) System to SKM Engineering, in the amount of \$434,025.00 and authorize the Mayor to sign the agreement"

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**RELEVANT LAWS, STUDIES & PLANS:** N/A

**RESPONSIBLE DEPARTMENT:** Public Utilities

**FINANCIAL IMPACT:** Funding for this project is from the sanitary sewer enterprise fund. The original project budget was \$500,000.00, and the selected proposal is within the budget.