



City of Rochester Hills
AGENDA SUMMARY
FINANCIAL ITEMS

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Legislative File No: 2024-0167

TO: Mayor and City Council Members

FROM: Bill Fritz, P.E., Director Department of Public Services

DATE: April 8, 2024

SUBJECT: Design-Build Services for SCADA System Phase I – Pre-Construction
City File #E23-017, CIP Project SS-01B

REQUEST:

City Council is requested to authorize a contract/blanket purchase order for Phase I – Pre-Construction Design-Build Services for the City's SCADA System to ICS Integration Services, LLC., Auburn Hills, Michigan in the amount not-to-exceed \$211,800.00 and further authorizes the Procurement Manager to execute a contract on behalf of the City.

REASON FOR PURCHASE:

The City's Supervisory Control and Data Acquisition (SCADA) system is utilized to monitor and operate the daily functions of the water distribution and wastewater collection system. With the City's existing system, we are able to monitor the water and wastewater systems to maintain system pressure, receive alarms at remote sites for pumping failures, monitoring pumped flows and pressures, and run daily reports to assist with operations and maintenance of our system. Additionally, in order to operate the system is dependent upon reliable communications between all the many sites located throughout the City. Currently, the City utilizes a communication network made up of mostly radios with a few cellular sites. The overall system has not been upgraded for several years and is operating on an outdated windows system, with old technology. Finally, with the continued growth of the tree canopy within the City, reliable communications has become an area of concern. It is the intent of this project to conduct an overall assessment of the City's system and seek recommendations for upgrades and improvements to the City's system in order to bring it current with technology, provide ease of use for its operation, ensure reliable communications, and formulate a master plan for current and future operations.

The City's Purchasing Division issued a Request for Proposals for Design Build Services for the City's SCADA system utilizing the MITN System with three (3) proposal responses received. An evaluation committee consisting of staff from the Department of Public Services (DPS), Management Information Systems (MIS), and Finance Department reviewed the responses received and evaluated them in accordance with the established criteria. Based on the initial evaluation and score ranking, the committee shortlisted to two (2) firms and subsequently requested interviews. The interviews were held to gather additional information regarding the proposer's experience with projects comparable to the City's, meet the proposed project team, and further explore the proposer's approach to the project, including how they collaborate with the City during the design phase. Based on the evaluation process, including interviews, the evaluation committee unanimously is recommending for award of this project to ICS Integration Services, LLC., based on their qualification and experience, proposed project team, familiarity with entities that are comparable to the City, and overall best value cost proposal.

This project will be completed in two (2) phases. The first phase is the Pre-Construction Phase which will consist of conducting an assessment of the City's existing SCADA system, conduct workshop facilitation to gather input from City stakeholders, perform a GAP analysis and needs assessment, along with recommendations for improvements, develop a cybersecurity program design, develop a plan to enhance, update, or replace SCADA

communication infrastructure for better reliability, prepare a Master Plan, and develop budget estimates along with implementation tasks. Phase II will be for the implementation of all that is finalized from Phase I. Phase II will be brought forward to City Council for approval of a construction/implementation budget to implement the SCADA system improvements and commission a new system.

PROCESS:

Vendor Name and Address:

ICS Integration Services, LLC.
 1091 Centre Road, Suite 190
 Auburn Hills, MI 48326

Reason for Selection:

Best Value

Method of Purchase:

Blanket Purchase Order/Contract

BUDGET:

Funding is included in the FY 2024 Adopted Budget. The remaining project budget shall be utilized for the Phase II construction / implementation of the SCADA system improvements.

Fund Name	Department Account No	Account No. Description	Budget Amount	Phase I Cost	Remaining Budget
W&S Capital Fund	593.977000	Capital Equipment	\$4,673,880.00	\$211,800.00	\$4,462,080.00

RECOMMENDATION:

It is recommended that City Council authorize a contract/blanket purchase order for Phase I – Preconstruction Design-Build Services for the City’s SCADA System to ICS Integration Services, LLC., Auburn Hills, Michigan in the amount not-to-exceed \$211,800.00 and further authorizes the Procurement Manager to execute a contract on behalf of the City.

APPROVALS:	SIGNATURE	DATE
Department Review		
Department Director		
Budget Content: Chief Financial Officer		
Purchasing Process: Procurement Manager		
Mayor		
City Clerk		

Contract Reviewed by City Attorney Yes N/A