



Legislation Text

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**TO:** Mayor Richard C. Irvin

**FROM:** Bob Leible, Superintendent of Water Production  
Michael Pegues, CIO  
Jeff Anderson, Deputy CIO

**DATE:** August 24, 2023

**SUBJECT:**

A Resolution ratifying the purchase of Upgraded SCADA System Software for the Water Production Division for \$62,046.20 for a 3-year agreement.

**PURPOSE:**

To obtain City Council authorization for the purchase of the updated Intellution / iFix software platform for the Supervisory, Control, and Data Acquisition (SCADA) system from GE Intelligent Platforms, Inc. via Gray Matter Systems, Richmond, VA, for the Water Production Division (WPD).

**BACKGROUND:**

The daily control of the water treatment plant and the associated 20+ remote sites is constantly managed by the WPD via the existing SCADA system. The system software was last updated in 2020. Since that time, the Water Production Division has worked with a third-party integrator to maintain the SCADA system. The current SCADA system no longer be upgraded. This purchase will place the system on a three-year support model to keep the SCADA system current for duration of the support contract.

**DISCUSSION:**

The currently used SCADA system software can no longer be upgraded. Renewing the software to the most recent version ensures proper functioning and the highest level of security for the SCADA system

The attached quote was received from GE Intelligent Platforms, Inc. / Gray Matter Systems, who is the only known supplier of the Intellution/iFix software.

The purchase of the system includes the iFix v2023 software for \$5,270.70 and three years of support for \$57,347.00 for a total cost of \$62,046.20.

A budget transfer has been submitted to account no. 510-4058-511-64-11 for this purchase. By committing to a three-year support upgrade and support agreement, the City is able to receive a discount of \$16,756.35.

**IMPACT STATEMENT:**

This ratification was deemed necessary to address immediate concerns in the current SCADA system software. Not upgrading the SCADA system software presents a significant security risk.

**RECOMMENDATIONS:**

That the proposed resolution be adopted.

cc: Finance Committee



CITY OF AURORA, ILLINOIS

RESOLUTION NO. \_\_\_\_\_  
DATE OF PASSAGE \_\_\_\_\_

A Resolution ratifying the Purchase of Upgraded SCADA System Software for the Water Production Division.

WHEREAS, the City of Aurora has a population of more than 25,000 persons and is, therefore, a home rule unit under subsection (a) of Section 6 of Article VII of the Illinois Constitution of 1970; and

WHEREAS, subject to said Section, a home rule unit may exercise any power and perform any function pertaining to its government and affairs for the protection of the public health, safety, morals, and welfare; and

WHEREAS, the daily control of the water treatment plant and the associated 20+ remote sites is constantly managed by the WPD via the SCADA system software which was last updated in 2020; and

WHEREAS, a proposal has been received from GE Intelligent Platforms, Inc. / Gray Matter Systems to provide the proprietary software; and

WHEREAS, in accordance with City of Aurora Code of Ordinances, Section 2-335 (a) (3), the product or service desired is only provided by one (1) source; and

WHEREAS, budgetary authority is granted and funds are available in Account No. 510-4058-511-64-11;)

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Aurora, Illinois, as follows: ratifies the Purchase of Upgraded SCADA System Software for the Water Production Division for an upgrade and three-year support in the amount of \$62,046.20.