



## AGENDA MEMORANDUM

Action Item for the City Council Meeting March 30, 2021

**DATE:** March 30, 2021

**TO:** Peter Zanoni, City Manager

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<p style="text-align: center;"><b>Storm Water Supervisory Control and Data Acquisition (SCADA) System Upgrade</b></p>
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**CAPTION:**

Resolution authorizing a one-year service agreement with Mid-Coast Electric Supply, Inc. in an amount not to exceed \$167,369.61 for professional services, hardware, and software to replace outdated supervisory control and data acquisition (SCADA) systems for Storm Water, effective upon issuance of a notice to proceed, with FY 2021 funding available through the Storm Water Fund.

**SUMMARY:**

This Resolution is to purchase professional services, hardware, and software from Mid-Coast Electric to replace the outdated Storm Water SCADA Systems with the City's standardized Rockwell SCADA systems.

**BACKGROUND AND FINDINGS:**

The critical Storm Water SCADA Systems are used to control pump stations, collect data, provide monitoring, provide status alarms, and store historical data.

The City of Corpus Christi does not have a maintenance contract for the existing outdated Storm Water SCADA Systems. These systems are no longer supported or commercially available and must be replaced with the City's standardized Rockwell SCADA systems with support and maintenance ensuring that Storm Water sites operate as needed to prevent flooding.

**PROCUREMENT DETAIL:**

This is a sole source procurement. Mid-Coast Electric Supply, Inc. is the sole source distributor of the Rockwell Software, products, services, and warranty repairs in South Texas. The SCADA system at the Storm Water pump stations is no longer supported or commercially available. The Storm Water SCADA system is a critical system that is used to control pump stations, collection data, provide monitoring, and provide status alarms.

**ALTERNATIVES:**

An alternative would be not to upgrade the Storm Water SCADA System which leaves the Storm Water sites at risk of failed operations due to failure in software/hardware that cannot be easily replaced or supported.

**FISCAL IMPACT:**

Funding for FY2021 of \$167,369.61 will come from the Storm Water Fund.

**FUNDING DETAIL:**

Fund:	4300	Storm Water Fund
Organization/Activity:	32040	SWO Flood Control Management
Mission Element:	067	
Project # (CIP Only):	n/a	
Account:	530215	Maintenance & Repairs - Contracted

**RECOMMENDATION:**

Staff recommends approval of this resolution authorizing this purchase with Mid-Coast Electric Supply as presented.

**LIST OF SUPPORTING DOCUMENTS:**

Service Agreement  
Price Sheet  
Resolution