



**Interoffice Memorandum**

February 23, 2016

To: Mayor Teresa Jacobs  
and the Board of County Commissioners

From: Carrie Woodell, Acting Manager, and Procurement Division

Contact: Kevin V. Begy, Utilities Supervisor, Field Services Division  
407-254-6749

Subject: Approval of Purchase Order M77643 – Purchase of Siemens  
PLC's (Programmable Logic Controllers), Memory Cards and Power  
Supply Units

**ACTION REQUESTED:**

Approval of Purchase Order M77643 – Purchase of Siemens PLC's (Programmable Logic Controllers), Memory Cards and Power Supply Units with AWC, Inc, in the amount of \$215,798.93.

**PROCUREMENT:**

To purchase Siemens PLC's (programmable logic controllers), memory cards and power supply units required to upgrade the Utilities Department Supervisory Control and Data Acquisition (SCADA) system.

**FUNDING:**

Funding is available in account number 4420 038 1416 05 6310.

**APPROVALS:**

The Field Services Division concurs with this recommendation.

**REMARKS:**

The SCADA system is required in order to monitor and control the County's wastewater pump stations remotely. The current system upgrades have been designed with Siemens programmable logic controllers and components that allow the County's infrastructure to communicate with other County Utilities sites. This upgrade requires Siemens manufactured automation products to ensure compatibility between all of the automation equipment in the SCADA system. Failure to provide compatible equipment for the SCADA upgrade project would result in a system failure. AWC, Inc. is the sole distributor for the full line of Siemens automation products in the state of Florida.

Page 2

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The cost was determined to be fair and reasonable by staff when compared to prior purchases of like parts by the County. These costs are a 12% discount off the published list prices.