



Legislation Text

File #: ID#17-3843, **Version:** 1

SUBJECT/RECOMMENDATION:

Approve a Purchase Order (Contract) with Rexel of Pinellas Park, FL, in the amount of \$184,400.10 for Programmable Logic Controller (PLC) Upgrades at the Northeast Water Reclamation Facility and authorize the appropriate officials to execute same. (consent)

SUMMARY:

The Northeast Water Reclamation Facility (WRF) currently utilizes programmable logic controllers (PLCs) that are obsolete. These devices assist operational staff to monitor and control critical treatment systems throughout the plant.

In order to be efficiently operational, Public Utilities is purchasing a Programmable Logic Controller (PLC) manufactured by Allen Bradley/ Rockwell Automation. This was recommended by McKim & Creed, Inc. the City's Engineers-of-record (EOR), project #16-0022-UT. Allen Bradley/Rockwell Automation is the city standard PLC installed within all Public Utilities facilities. The majority of Public Utility's process control facilities utilize Allen Bradley/ Rockwell Automation PLC's. The City is upgrading the existing PLC's at the last wastewater plant, which are obsolete and no longer supported by the manufacturer. Keeping with the SCADA master plan put together by Tetra Tech, an EOR, it was recommended as a phase II upgrading to the newest Allen Bradley/ Rockwell Automation PLC's. Two of the three wastewater plants have already been completed. By continuing to standardize with Allen Bradley products to operate the plants, the Department becomes more cost effective, minimizes spare parts inventory and enhances communication abilities as facilities upgrade in the future

Rexel is the only distributor authorized by Rockwell Automation to sell Allen-Bradley and Rockwell Software products and related services. Using Allen-Bradley products ensures the use of compatible parts in the equipment currently in place as well as maintaining the manufacturer warranty. The Allen-Bradley equipment installed at all Public Utilities facilities are hardwired and cannot be interchanged

APPROPRIATION CODE AND AMOUNT:

0315-96219-564000-535-000-0000 \$ 106,596.45

0315-96739-564000-533-000-0000 \$ 77,803.65

Sufficient funding is available in the Capital Improvement Project (CIP) 0315-96219, Devices/Equipments Sewer Division, in the amount of \$106,596.45 and in 0315-96739, Reclaimed Water Distribution System, in the amount of \$77,803.65.

USE OF RESERVE FUNDS: N/A