

STAFF REPORT UTILITY MEETING

AGENDA DATE: August 29, 2023

DEPARTMENT: Water Utilities

TITLE:

Authorize Ethernet cards and Stratix Switch purchase with Rexel for the City's Water Utility Department

SUMMARY:

Authorization to purchase Ethernet cards and Stratix Switch with Rexel for the City's Reverse Osmosis Water Treatment Plant for an amount not exceed \$62,228.82.

BACKGROUND AND JUSTIFICATION:

The Reverse Osmosis Water Treatment Plant (RO Plant) utilizes Ethernet cards and Stratix switch for communication of the treatment system to the operators in the control room. The RO Plant is 12 yrs old and is currently running on a manual backup system due to the failure of the Ethernet cards, which does not have redundancy should another failure occur. These cards are no longer supported by the manufacturer and are crucial for communication between the RO Plant and HMI/Supervisory Control and Data Acquisition (SCADA) which is how the operators operate and monitor the plant. The quote from Rexel provides materials that will be installed by City staff when received. Rexel is a sole source for Allen Bradley Ethernet Cards and Stratix Switches

MOTION:

Move to approve/disapprove purchase of Ethernet cards and Stratix Switch from Rexel in an amount not to exceed \$62,228.82.

ATTACHMENT(S):

Fiscal Impact Analysis
Quote 1463280 - CITY OF LAKE WORTH

FISCAL IMPACT ANALYSIS

Five Year Summary of Fiscal Impact:

Fiscal Years	2023	2025	2026	2027	2028
Inflows					
Current Appropriation	0	0	0	0	0
Program Income	0	0	0	0	0
Grants	0	0	0	0	0
In Kind	0	0	0	0	0
Outflows					
Operating	\$62,228.82	0	0	0	0
Capital	0	0	0	0	0
Net Fiscal Impact	\$62,228.82	0	0	0	0
No. of Addn'l Full-Time Employee Positions					
	0	0	0	0	0

New Appropriation Fiscal Impact:		
	Revenue Source	Expenditure
Department		
Division		
GL Description		
GL Account Numbers		
Project Number		
Requested Funds		

Budget Transfer Impact		
	Revenue Source	Expenditure
Department		
Division		
GL Description		
GL Account Number		
Project Number		
Requested Funds		

Contract Award - Existing Appropriation	
	Expenditure
Department	Water Treatment
Division	Treatment
GL Description	Improve other than Build
GL Account Number	402-7022-533.46-21
Project Number	
Requested Funds	\$62,228.82