

# EXECUTIVE BRIEF UTILITY MEETING

**AGENDA DATE:** August 30, 2022

**DEPARTMENT:** Electric Utility

**TITLE:**

Agreement with G&W Electric Company for the purchase and delivery of Three Phase Pad Mounted Switches

**SUMMARY:**

The Agreement authorizes G&W Electric Company to provide Three Phase Pad Mounted Switches to the City's Electric Utility at a cost not to exceed \$280,172. This project has been identified as an element of the City's electric utility System Hardening and Reliability Improvement Project (SHRIP) and for which bonds were sold in November 2020 and May of 2022.

**BACKGROUND AND JUSTIFICATION:**

The City issued an Invitation for Bid (IFB 22-102) for the purchase and delivery of Three Phase Multi-Way Switches for use and installation on the City's underground electrical distribution systems. The G&W Electric Company was the only responsive and responsible bidder and was recommended to provide the switches. The initial Term of the Agreement is for three (3) years with two (2) additional one (1) year extensions. The total cost of the switches under this initial agreement is in the amount not to exceed \$280,172.

The City's Electrical Engineering team is preparing for construction for the relocation of the 1W13 and 0704 Feeders from over-head to underground along French Avenue. The existing 1W13 and 0704 Feeders are currently located along the bank of the Lake Worth Drainage District L-11 Canal in the rear-of lots along French Avenue. The feeders and poles are currently located in an area that is only accessible via climbing. There is also a large population of iguana's which reside along the canal bank and are notorious for causing outages.

The new feeder design along French Avenue includes overhead to underground conversion and relocation of the feeders from the rear-of the lots to the street-side of the homes along French Avenue. The Three Phase Multi-Way Switches will provide operational flexibility by creating tie-points to other feeders enhancing system reliability.

The Electric Utility is requesting the approval of Agreement with G&W for the purchase and delivery of the Three Phase Multi-Way Switches \$280,172. The lead-time for these switches is approximately 31 weeks from receipt of order.

**MOTION:**

Move to approve/disapprove Agreement with G&W Electric Company for the purchase and delivery of Three Phase Multi-Way Switches in the amount not to exceed \$280,172.

**ATTACHMENT(S):**

Fiscal Impact Analysis  
G&W Agreement

**FISCAL IMPACT ANALYSIS**

**A. Five Year Summary of Fiscal Impact:**

<b>Fiscal Years</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>
Capital Expenditures	\$280,172	0	0	0	0
Operating Expenditures	0	0	0	0	0
External Revenues	0	0	0	0	0
Program Income	0	0	0	0	0
In-kind Match	0	0	0	0	0
<b>Net Fiscal Impact</b>	<b>\$280,172</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
No. of Addn'l Full-Time Employee Positions	0	0	0	0	0

**B. Recommended Sources of Funds/Summary of Fiscal Impact: Funds have been identified in account 401-6034-531-63.15, CIP Project SH2128.**

Account Number	Department Name	Division Name	Account Description	Project Number	FY22 Budget	Current Balance	Budget Transfer	Agenda Expenditure	Balance
421-6034-531-63.15	Electric	T&D	Improve Other than Build / Infrastructure	SH2128	2,800,000	2,726,452	N/A	-280,172	\$2,446,280