

EXECUTIVE BRIEF REGULAR MEETING

AGENDA DATE: September 20, 2022

DEPARTMENT: Electric Utility

TITLE:

Agreement with Energy Erectors, Inc. for the construction of the Canal Distribution Substation

SUMMARY:

The Agreement authorizes Energy Erector Inc., to provide construction services for the construction of the Canal Distribution Substation at a cost not to exceed \$3,352,690. 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.

BACKGROUND AND JUSTIFICATION:

The City issued an Invitation for Bid (IFB 22-110) on June 26, 2022 seeking bids from qualified companies to build and construct the Canal Distribution Substation. The City received five (5) bids. Energy Erector, Inc., was the lowest compliant bidder and was selected to provide these services.

The existing substation is equipped with a single 26.4kV to 4.16kV step-down transformer, antiquated switchgear and ancillary equipment dating back to its original construction in the 1970's. The substation provides power to businesses and residents through three (3) 26kV circuits and one (1) 4kV circuit and also provides a back-up circuit to the Palm Beach State College.

The work and scope of this project includes installation of foundations, bus structure assembly, new breakers, installation and wiring of a new Control House and ancillary components. Project benefits include all new breakers, new relays and protective equipment to minimize outages and improved restoration time, as well as reduced loading of circuits, all leading to increased circuit reliability.

MOTION:

Move to approve/disapprove Energy Erector, Inc., to provide construction services for the construction of the Canal Distribution Substation at a cost not to exceed \$3,352,690.

ATTACHMENT(S):

Fiscal Impact Analysis
IFB 22-110 Canal Transmission Substation Construction Bid Tab
Construction Contract

FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	2022	2023	2024	2025	2026
Capital Expenditures	\$3,352,690	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
 Net Fiscal Impact	 \$3,352,690	 0	 0	 0	 0
 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 No. 421-6034-531-63.16, Project No. SH2001.

Account Number	Account Description	Project Number	FY21 Budget	Current Balance	Agenda Expenditure	Balance
421-6034-531-63.16	Improve Other than Build / Infrastructure	SH2001	\$6,643,513	\$3,802,762	\$3,352,690	\$450,072