EXECUTIVE BRIEF
ELECTRIC UTILITY MEETING

AGENDA DATE: Enter Date Here, 2021

TITLE:

Agreement with Trench Limited for the purchase of 138kV Coupling Capacitor Voltage Transformers

SUMMARY:

The Agreement with Trench Limited (Trench), authorizes Trench to provide 138kV Coupling Capacitor Voltage Transformers (CCVT's) for use at the City's new 138kV Canal Transmission Switchyard at a cost not to exceed $119,925. The CCVT's have been identified as critical components for the City's electric utility System Hardening and Reliability Improvement Projects (SHRIP) and for which bonds were sold in November 2020.

BACKGROUND AND JUSTIFICATION:

In 2021, the City issued Invitation to Bid (IFB 21-211) for the procurement of 138kV CCVT's for use at the City's new 138kV Canal Transmission Switchyard. A total of two (2) bids were received and evaluated. Trench was found to be the most responsive and responsible bidder and was recommended for the award. The Term of the Agreement is for three (3) years, with two (2) single-year renewal options with a not-to-exceed value of $119,925.

Over the past year the Electric Utility has been working with engineering teams from Power Engineers and FP&L on the design and material procurement for the new 138kV Canal Transmission Switchyard. The capacitive voltage transformers are used to convert high transmission line voltage to a standardized low and easily measurable values, which will be used for metering, protection and control of the high voltage system. As such, the need for accurate and reliable voltage transformation is essential. The reliability and security of Trench capacitive voltage transformers is based on over 50 years of innovation with units operating under a wide range of environmental conditions. Capacitive voltage transformers also ensure suitable electrical insulation between high voltage and low voltage measuring equipment.

To continue with the SHRIP program, the City is requesting the purchase of fifteen (15) CCVTs to be installed at the new 138kV Canal Transmission Switchyard.

MOTION:

Move to approve/disapprove the Agreement with Trench Limited for the purchase of 138kV Coupling Capacitor Voltage Transformers at a cost not to exceed $119,925.

ATTACHMENT(S):

Fiscal Impact Analysis
Trench Agreement

FISCAL IMPACT ANALYSIS

A. Five Year Summary of Fiscal Impact:

Fiscal Years	**2022**	**2023**	**2024**	**2025**	**2026**
Capital Expenditures	$119,925	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	$119,925	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 SH2001.

Account Number	Account Description	Project Number	FY22 Budget	Current Balance	Budget Transfer	Agenda Expenditure	Balance
421-6034-531-63.16	Improve Other than Build / Infrastructure	SH2001	$7,000,000	$5,771,503		$119,925	$5,651,578