

EXECUTIVE BRIEF

ELECTRIC UTILITY MEETING

AGENDA DATE: September 28, 2021

TITLE:

First Amendment to Task Order No. 5 with Power Engineers, Inc. to complete additional engineering design for the new Canal 8-Bay Distribution Substation

SUMMARY:

First Amendment to Task Order No. 5 authorizes Power Engineers Inc., to complete additional engineering design for the new Canal 8-Bay Distribution substation in the amount not to exceed \$64,788. This project has been identified as an element of the City's electric utility System Hardening and Reliability Improvement Project and for which bonds were sold in November 2020.

BACKGROUND AND JUSTIFICATION:

The City issued a Request for Qualifications (RFQ 18-303) to provide letters of interest and Professional Qualifications from consulting companies/firms for civil engineering, geotechnical engineering, surveying, architecture, hydrogeological services, energy management and engineering services. Power Engineers Inc., was one of three firms selected under the Energy Management category for the Continuing Contracts for Professional Services.

On April 27, 2021, the City Commission approved Task Order No. 5 with Power Engineers to complete engineering design and provide engineering support during construction for the new Canal 8-Bay Distribution Substation.

This First Amendment to Task Order No. 5 with Power Engineers is for additional engineering design services associated with Canal 8-Bay Distribution Substation. During design review of the 8-Bay Substation Package, design modifications impacting efforts in the substation physical general arrangement design, plan and section cut detail drawings, additional protection and control schematics/wiring and protection schemes relay settings were required. The plan revisions are associated with the 4MVAR controlled staged capacitor banks, moving the 26kV express feeder from the distribution bay to the main bus, addition of bus tie motor operated switches, drawing revisions associated with go-by drawing package provided and development of specifications for packaged substations. The additional work is to be completed concurrently with initial scope of services under Task Order No. 5 at a cost not to exceed \$64,788.

MOTION:

Move to approve/disapprove the First Amendment to Task Order No. 5 with Power Engineers, Inc., to complete additional engineering design services for Canal 8-Bay Distribution Substation in the amount not to exceed \$64,788 for Fiscal Years 2021 and 2022.

ATTACHMENT(S):

Fiscal Impact Analysis
First Amendment - TO#5

FISCAL IMPACT ANALYSIS**A. Five Year Summary of Fiscal Impact:**

Fiscal Years	2021	2022	2023	2024	2025
Capital Expenditures	\$64,788	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	\$64,788	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. 421-6034-531-6315.

Account Number	Account Description	Project Number	FY21 Budget	Current Balance	Budget Transfer	Agenda Expenditure	Balance
421-6034-531-63.15	Improve Other than Build / Infrastructure	SH2113	\$6,500,000	\$3,530,295	\$0	\$64,788	\$3,465,507