



Legislation Details (With Text)

File #: ID#17-3877 **Version:** 1 **Name:** APG Arc Flash Project Extension
Type: Action Item **Status:** Passed
File created: 9/15/2017 **In control:** Finance
On agenda: 10/5/2017 **Final action:** 10/5/2017
Title: Approve a contract change order with APG Electric, Inc., of Clearwater, FL, in the amount of \$153,000.00, to complete analysis and safety labeling of electrical equipment, and authorize the appropriate officials to execute same. (consent)

Sponsors:

Indexes:

Code sections:

Attachments: 1. Simplified Project Status Report.pdf, 2. 20170818 - Proposal - Additional Buses.pdf

Date	Ver.	Action By	Action	Result
10/5/2017	1	City Council		
10/2/2017	1	Council Work Session		

SUBJECT/RECOMMENDATION:

Approve a contract change order with APG Electric, Inc., of Clearwater, FL, in the amount of \$153,000.00, to complete analysis and safety labeling of electrical equipment, and authorize the appropriate officials to execute same. (consent)

SUMMARY:

The National Fire Protection Association has produced NFPA-70E, a standard established to protect electricians from arc flash hazards. A single arc flash incident can cause catastrophic injury or death. Compliance with NFPA-70E is required by the Occupational Safety and Health Administration (OSHA), and although the City is not regulated by OSHA, the City voluntarily complies in the interest of employee safety.

On April 21, 2016, Council approved a one-year contract with APG to analyze the City's electrical distribution systems in the amount of \$530,219.00. The work completed by APG included Arc Flash Analysis and hazard labeling per NFPA-70E on 5,175 pieces of equipment, representing the original contract estimated 4,929 pieces of equipment plus a 5% contingency of 246 pieces.

An estimated 1,260 additional pieces of equipment have been identified for analysis and labeling. The original contract term, including the three-month extension, ended in July, 2017. Council authorization is requested to extend the contract through March 2018 (six months from authorization) to complete the analysis and labeling of the remaining 1,260 pieces of equipment plus a contingency of 240 (total 1,500 pieces of equipment) for equipment that may have been missed and are identified during this extension term. The contract extension amount of \$153,000.00 includes 1,500 pieces of equipment at \$102.00 each, bringing the total contract amount to \$683,219.00.

The work performed by APG under this contract is intended to reduce the potential for an arc flash incident. Ultimately, the services being provided by APG will result in a safer work environment for City electricians and

contractors.

APPROPRIATION CODE AND AMOUNT:

0590-07590-530100-519-000-000 \$153,000.00