

EXECUTIVE BRIEF UTILITY MEETING

AGENDA DATE: March 29th, 2022

DEPARTMENT: Electric Utility

TITLE:

Ratification of Work Order No. 59 with NuCAT Corp. for emergency repairs on the 6th Ave. South Substation Transformer

SUMMARY:

The Work Order authorizes NuCAT Corp. to complete repairs and testing on the Load Tap Changer (LTC) on TD06 substation transformer for the City at a cost not to exceed \$95,881.

BACKGROUND AND JUSTIFICATION:

The City issued a Request for Proposals (RFP 18-203) to provide Letters of Interest and Proposals from qualified entities to perform inspections, testing, repair and preventative maintenance for various electrical components located at the City's substations and power plant on an "as-needed" basis. NuCAT Corporation was selected under RFP 18-203 Electrical Equipment Inspection, Testing, Repair and Maintenance Services for an initial term of three (3) years with two (2) additional, one (1) year extension options.

Through routine maintenance and inspections completed by NuCAT at the City's 6th Ave South substation, the LTC on TD06 was determined to be in need of immediate repairs. The Load Tap Changer (LTC) is an essential component of a power transformer that adjusts the output voltage of the transformer, either up or down, so as to allow the electric system to operate within a desired voltage range. The 6th Avenue South Substation is equipped with one, 26kV to 4kV, step down transformer and currently supports approximately 1450 customers through the 6001, 6002 & 6004 circuits.

The scope of services to be provided by NuCAT includes providing all materials, test equipment, labor and technical supervision to complete repairs on the LTC on the substation transformer. With the on-set of summer and hurricane season, work to get parts ordered and repairs completed on this transformer have expedited as an emergency.

MOTION:

Move to ratify/not ratify Work Order No. 59 with NuCAT Corp. to complete emergency repairs on TD06 transformer at cost not to exceed \$95,881.

ATTACHMENT(S):

Fiscal Impact Analysis
NuCAT Work Order No. 59

