



MEMORANDUM

To: Mayor and City Council

From: Patrick Runion, Traffic Operations Supervisor
Mike Garza, P.E., Director of Public Works

Date: January 23, 2024

Reference: Consider approval to purchase and install thirty-eight (38) APC Battery Backup Systems from Consolidated Traffic Controls, Inc. through HGAC Buy Contract #PE-05-21; in the amount of \$200,374.00; as provided for in the General Fund, Assigned Fund Balance; and authorizing the City Manager to sign any necessary documents.

2040: Sustainable Government

Introduction:

The purpose of this agenda item is to consider approval for the purchase and installation of APC Battery Backup Systems for our traffic signals through the HGAC Buy Purchasing Contract #PE-05-21 from Consolidated Traffic Controls, Inc.

Background:

The City of Coppel's Public Works Department maintains 38 signalized intersections. The current battery backup systems for our traffic signals have become increasingly unreliable and have started to fail. These systems are 15-20 years old and have reached the end of their useful life.

Benefit to the Community:

Battery backup up systems are essential in keeping our city's traffic signals working during power outages and to improve continuity of operation during unstable power delivery. Without battery backup systems the traffic signals go dark and cause confusion for the public driving through the intersection. The new battery backup systems are equipped with advanced monitoring software. This enhancement enables the Traffic Operations Department to have real-time visibility and control over the health of the system. By proactively monitoring and managing the backup systems, the department can ensure that traffic signals remain operational even in emergencies and power outages. This not only enhances public safety but also minimizes disruptions and confusion during critical situations.

Legal Review:

The Procurement Division has reviewed the documents and determined that this is an appropriate method of contracting with the vendor.

Fiscal Impact:

The fiscal impact of this Agenda Item is \$200,374.00 from the General Fund, Assigned Fund Balance.

Recommendation:

The Public Works Department recommends approval of this item.