



MEMORANDUM

To: Mayor and City Council

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

Date: January 9, 2024

Reference: Consider approval of the purchase and installation of 25 McCain Advance Transportation Controllers (ATC) Traffic Signal Cabinets from Consolidated Traffic Controls, Inc. through HGAC Buy Contract #PE-05-21; in the amount of \$518,825.00; as provided for in the General Fund, Fund Balance; and authorizing the City Manager to sign any necessary documents.

2040: Implement Innovative Transportation Networks

Introduction:

The purpose of this agenda item is to seek approval from Council for purchase and installation of 25 Advanced Transportation Controller (ATC) McCain Traffic Signal Cabinets through HGAC Buy Purchasing Contract #PE-05-21 from Consolidated Traffic Controls, Inc., for replacement of the remaining existing TS-1 And TS-2 Traffic Signal Cabinets.

Background:

The Traffic Division currently maintains 38 signalized intersections. We have already replaced signal cabinets at 13 of the intersections with recent construction projects. The remaining 25 intersections have existing signal cabinets that are 20-30 years old and have reached the end of their useful life. With changing technology and communication needs, the ATC traffic signal cabinets can accommodate these changes and future expansion.

Benefit to the Community:

The ATC traffic signal cabinets have been designed to accommodate the newest technology in communication, technical traffic systems, connected vehicle technology, and future expanding technology and advancements. They can communicate with traffic management software for faster response times in troubleshooting and active interaction with the traffic signal components within the cabinet, providing a more streamlined traffic network and better traffic flows within the community.

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 \$518,825.00 from the General Fund, Fund Balance.

Recommendation:

The Public Works Department recommends approval of this item.