



City Council Report

Date: November 6, 2023
To: City Council
Through: Michael Kennington, Deputy City Manager/Chief Financial Officer
From: Edward Quedens, Business Services Director
Kristy Garcia, Procurement Administrator
Subject: Dollar Limit Increase to the Term Contract for Traffic Control Cabinets and Controllers, Traffic Signal Video Detection Systems, School Zone Flasher Controls for the Transportation Department **(Sole Source) (Funded by the Local Streets Fund) (Citywide)**

Recommendation

Council is requested to approve the contract amendment as recommended.

The Transportation Department and Purchasing recommend increasing the dollar limit with Clark Electric Sales dba Clark Transportation Solutions, Years 1 through 3 by \$210,000 from \$400,000 to \$610,000 annually, with an annual increase allowance of up to 5% or the adjusted Producer Price Index.

Background / Discussion

This contract provides ITS components such as Advance Traffic Cabinets (ATC) and Controllers, GRIDSMART vehicle detection, and school zone flashers. Transportation Department - ITS Operations utilizes these components for the purpose of protecting the public, reducing congestion, and improving quality of life. These components are essential to fulfill the department's current requirements and future demand.

Traffic signal cabinets are necessary for the operation of signalized intersections. A traffic signal cabinet is an outdoor enclosure that contains the equipment necessary to provide safe and efficient traffic signal operation. Traffic signal controllers are specialized hardware and software used to control signalized intersections. The controllers are devices used to time and control the traffic signals within the signal cabinets.

The ATC cabinet and ATC controllers are currently installed on the Light Rail alignment using D4 traffic signal controller software. The D4 controller software has unique features for transit priority capabilities. These items are necessary to be able to maintain compatibility with existing Light Rail traffic signal control cabinets, controllers, and software.

ITS Operations has requested the dollar limit increase to move forward with ATC technology in the City over the next several years. ITS Operations and Purchasing are working on adding another ATC cabinet to this contract to implement the ATC technology.

Staff estimates \$210,000 is sufficient for annual ATC purchases for the City to make this advancement to ATC technology.

ATC Cabinets increase safety by promoting driver safety and safeguards against accidental electrical shock. ATC Cabinets enhance operations by expediting troubleshooting and can manage complex intersections. ATC Cabinets reduce costs by decreasing liability risks, saving energy, and can adapt to infrastructure change and growth.

Clark Transportation Solutions is the only authorized distributor of products manufactured by Encom Wireless Data Solutions, sole source provider for GRIDSMART products, sole distributor of Sky Bracket products, SWARCO McCain's exclusive distributor of ATC/NEMA cabinets, controllers, and software, and the only authorized service center for internally illuminated street name signs, LED blank out signs, ITS enclosures, and UPS enclosures, for Arizona.

Purchase Information

Action: Amendment

Procurement Type: Sole Source

Contract Number: 2023128

Initial Contract Term: Three years

Possible Renewals: Up to a maximum of two years subject to Administrative review and approval

Funding Source: Transportation Department operating budget through the Local Streets Fund

Dollar Limit History

Original Council Award – 1/9/2023:	\$400,000.00
------------------------------------	--------------

This Increase Request – 11/6/2023:	<u>\$210,000.00</u>
------------------------------------	---------------------

New Annual Contract Value (Years 1 through 3):	<u>\$610,000.00</u>
--	---------------------

One-Year Renewal (Years 4 and 5)
upon Management approval:

\$610,000.00