



City Council Report

Date: February 11, 2019
To: City Council
Through: Michael Kennington, Chief Financial Officer
From: Edward Quedens, Business Services Director
Matt Bauer, Procurement Administrator
Subject: One-Year Renewal with a One-Year Renewal Option to the Term Contract for Video Imaging Vehicle Detection Camera System Hardware and Software for the Transportation Department **(Sole Source) (Citywide)**

Recommendation

Council is requested to approve the contract renewal as recommended.

The Transportation Department and Purchasing recommend authorizing the renewal with the sole source vendor, Clark Electric Sales, Inc. at \$137,000 annually with an annual increase allowance of up to 5% or the adjusted Consumer Price Index.

Background / Discussion

This contract provides GRIDSMART video detection systems for monitoring vehicles on roadways via processing of video images and providing detector outputs to a traffic signal controller or similar device. GRIDSMART is the only product available leveraging three-dimensional (3D) omni-directional tracking technology. This technology enables a single camera to track vehicles in a 360° radius from the camera, and provides data on the vehicles such as volume, turning movements, length-based classification, and more.

GRIDSMART systems provide a unique fisheye camera for vehicle detection that is advantageous for specific signalized intersections in the City. The systems are also beneficial in construction zones where the detection system may need to be moved frequently because of changes in the traffic patterns and the removal of poles and mast arms where cameras are typically mounted. GRIDSMART systems are also less costly to maintain since there are fewer hardware pieces that could potentially fail and require attention.

Clark Electric Sales, Inc. agreed to renew the contract under the same terms, conditions and current pricing. The City has been satisfied with the vendor's performance. This contract continues to be advantageous to the City and it is in the City's best interest to renew the contract.

Clark Electric Sales, Inc. is the only authorized distributor to sell GRIDSMART Video Detection Systems in Arizona.

Purchase Information

Action: Renewal (1st of 2 possible)

Procurement Type: Sole Source

Contract Number: 2016129

Original Council Award Date: 4/4/2016

Initial Contract Term: Three years

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