



AGENDA MEMORANDUM

Future Item for the City Council Meeting of January 13, 2015
Action Item for the City Council Meeting of January 20, 2015

DATE: January 13, 2015
TO: Ronald L. Olson, City Manager
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Purchase of Radar Vehicle Detection Systems

CAPTION:

Motion approving the purchase of six (6) radar vehicle detection systems from Paradigm Traffic Systems, Inc., Arlington, Texas for a total amount of \$98,280.00. The award is based on the cooperative purchasing agreement with the Texas Local Government Purchasing Cooperative (TLGPC). Funds have been budgeted in FY 2014-2015.

PURPOSE:

The smart micro radar vehicle detection system will be used to replace the existing video vehicle detection systems throughout the city.

BACKGROUND AND FINDINGS:

The radar vehicle detector is used to detect the presence of vehicles at signalized intersections or as they approach the intersections. Radar detection systems have proven to be more reliable and to require lower maintenance than video detection systems. Video detection cameras are affected by all types of weather conditions such as fog, rain, and sunlight. Dirty lenses require cleaning on average once every two weeks and have therefore become a high maintenance issue. All of these issues create a very inefficient traffic signal operation. The radar detection system will save on maintenance because there is no camera lens to clean and it will increase operational efficiency as radar is not affected by fog, rain, or sunlight.

ALTERNATIVES:

None.

OTHER CONSIDERATIONS:

None.

CONFORMITY TO CITY POLICY:

This purchase conforms to the City's purchasing policies and procedures and State statutes regulating procurement.

EMERGENCY / NON-EMERGENCY:

Non-emergency.

DEPARTMENTAL CLEARANCES:

Street Operations Department

FINANCIAL IMPACT:

Operating Revenue Capital Not applicable

Fiscal Year: 2014-2015	Project to Date Expenditures (CIP only)	Current Year	Future Years	TOTALS
Line Item Budget		\$150,000.00	\$0	\$150,000.00
Encumbered / Expended Amount		\$0	\$0	\$0
This item		\$98,280.00	\$0	\$98,280.00
BALANCE		\$51,720.00	\$0	\$51,720.00

Fund(s): Red Light Photo Enforcement

Comments:

RECOMMENDATION:

Staff recommends approval of the motion as presented.

LIST OF SUPPORTING DOCUMENTS:

Price Sheet