



AGENDA MEMORANDUM

Future Item for the City Council Meeting of May 30, 2017
Action Item for the City Council Meeting of June 13, 2017

DATE: May 30, 2017

TO: Margie C. Rose, City Manager

FROM: Andres Leal, Jr., P.E., Director of Street Operations
andyl@cctexas.com
(361) 857-1957

Kim Baker, Assistant Director of Financial Services-Purchasing Division
KimB2@cctexas.com
(361) 826-3169

Purchase of Wavetronix Radar Detection Systems for Traffic Signal Systems

CAPTION:

Motion authorizing City Manager, or designee, to execute a purchase from Twincrest Technologies, of Fort Worth, Texas for six Wavetronix radar detection systems in accordance with the cooperative purchasing agreement with the Houston-Galveston Area Council for a total amount of \$99,400.00 and funded by the Redlight Photo Fund. This item is a one-time purchase.

PURPOSE:

This equipment is used in signalized traffic intersections for vehicle detection.

BACKGROUND AND FINDINGS:

Radar detection systems are the new standard for traffic signal vehicle detection. These radar detection systems will be replacing the video detection systems currently in the field that are no longer working or serviceable. Many of these older units require maintenance every two weeks to clean the camera lenses. The new radar detection system will improve traffic flow and vehicle detection. They are more reliable, have better technology and are not affected by weather events unlike the existing video detection systems.

ALTERNATIVES:

None

OTHER CONSIDERATIONS:

Not applicable

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:

Redlight Photo Fund

FINANCIAL IMPACT:

☒ Operating ☐ Revenue ☐ Capital ☐ Not applicable

Fiscal Year: 2016-2017	Current Year	Future Years	TOTALS
Line Item Budget	\$99,400.00	0	\$99,400.00
Encumbered / Expended Amount	0		0
This item	\$99,400.00	0	\$99,400.00
BALANCE	0	0	0

Fund(s): Redlight Photo Fund

Comments:

The initial cost is \$99,400.00 is funded in FY2016-17 by the Police Department.

RECOMMENDATION:

Staff recommends approval of the motion as presented.

LIST OF SUPPORTING DOCUMENTS:

Price Sheet