



## 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  
**FROM:** Christela Morales, Procurement Manager  
[christelam@cctexas.com](mailto:christelam@cctexas.com)  
(361) 826-3169

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

### Purchase of Traffic Signal Cabinets

#### **CAPTION:**

Motion approving the purchase of eighteen (18) National Electrical Manufacturers Association (NEMA) TS2-1 Traffic Signal Cabinets from Paradigm Traffic Systems, Inc., Arlington, Texas for a total amount of \$148,032.00. 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:**

To replace the older, obsolete NEMA TS-1 Traffic Cabinets currently in use.

#### **BACKGROUND AND FINDINGS:**

There are 245 City maintained signalized intersections. Each intersection is equipped with a traffic control cabinet with various electronic control components. NEMA TS-1 Traffic Controller Cabinets are an older, obsolete technology. The NEMA TS-2 is a newer technology standard. TS-1 Cabinets are not compatible with the latest Intelligent Transportation Systems (ITS) and newer technology controllers, which limits their functionality. (Example: inability to communicate with all the components in the cabinet.) Furthermore, TS-1 cabinet parts are hard to find. The TS-2 cabinet assures substantially safer operation, is well supported, and the availability of diagnostics reduces liability exposure to the City. Three years ago TxDOT converted all their TS-1 Cabinets to TS-2.

#### **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

<b>Fiscal Year: 2014-2015</b>	<b>Project to Date Expenditures (CIP only)</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Line Item Budget		\$347,000.00	\$0	\$347,000.00
Encumbered / Expended Amount		\$30,375.00	\$0	\$30,375.00
This item		\$148,032.00	\$0	\$148,032.00
BALANCE		\$168,593.00	\$0	\$168,593.00

Fund(s): Streets Fund

**Comments:**

**RECOMMENDATION:**

Staff recommends approval of the motion as presented.

**LIST OF SUPPORTING DOCUMENTS:**

Price Sheet