



CITY OF PLANO COUNCIL AGENDA ITEM

CITY SECRETARY'S USE ONLY				
<input type="checkbox"/> Consent <input type="checkbox"/> Regular <input type="checkbox"/> Statutory				
Council Meeting Date:		7/28/14		
Department:		Engineering		
Department Head		Jack Carr		
Agenda Coordinator (include phone #): Michael Parrish x7554				
CAPTION				
To approve the purchase and installation of a computerized signal system for Traffic Engineering in the amount of \$225,459 from Scientel Wireless, LLC through an existing contract and authorizing the City Manager to execute all necessary documents (HGAC Contract NO. CW10-09)				
FINANCIAL SUMMARY				
<input type="checkbox"/> NOT APPLICABLE <input type="checkbox"/> OPERATING EXPENSE <input type="checkbox"/> REVENUE <input checked="" type="checkbox"/> CIP				
FISCAL YEAR:	2013-14	Prior Year (CIP Only)	Current Year	Future Years
				TOTALS
Budget		15,217	300,000	577,000
Encumbered/Expended Amount		-15,217	-834	0
This Item		0	-225,459	0
BALANCE		0	73,707	577,000
FUND(S): STREET IMPROVEMENTS CIP				
COMMENTS: Funds are available in the Street Improvement CIP. This item, in the amount of \$225,459, will leave a current year balance of \$73,707 available for further expenditures related to Plano's signal system. STRATEGIC PLAN GOAL: Making improvements to traffic signal systems at 20 intersections relates to the City's goals of Financially Strong City with Service Excellence and Safe Large City.				
SUMMARY OF ITEM				
Staff recommends the purchase and installation of a computerized signal system for Traffic Engineering from Scientel Wireless, LLC in the amount of \$225,459 through an existing contract/agreement with HGAC. Continuous traffic management and surveillance of an additional 20 traffic signals is needed in order to provide better traffic flow to the citizens of Plano. The City is authorized to purchase from a Local Cooperative Organization pursuant to Chapter 271 Subchapter F of the Local Government Code and by doing so satisfies any State Law requiring local governments to seek competitive bids for items. (HGAC Contract No. CW10-09 / City of Plano Internal Contract No. 2014-300-O)				
List of Supporting Documents:			Other Departments, Boards, Commissions or Agencies	
Memo				



Memorandum

Date: July 17, 2014
To: Diane Palmer-Boeck, Purchasing Manager
From: Lloyd Neal, Transportation Engineering Manager
Subject: Purchase of Wireless Network Upgrade for Traffic Management Center

On June 28, 2014 City Council approved Resolution #2014-6-5 (R), approving the terms and conditions of an Interlocal Agreement by and between the City of Plano and Collin County for funding and support for the 2014 Local Initiative Program (LIP) with Collin County and the Texas Commission on Environmental Quality; designating the Director of Engineering as being responsible for acting for and on behalf of the City of Plano in dealing with Collin County, and the Texas Commission on Environmental Quality for the purpose of participating in the 2014 Local Initiative Program; and providing an effective date.

Technology Services, in conjunction with Engineering, proposes purchasing hardware and installation services to increase the network connectivity to the City's Traffic Management Center and 20 networked traffic signal devices in close proximity to that facility. This increased network capacity at the City Traffic Management Center will allow for the 20 networked devices including traffic cameras, signal controller interconnection and wireless access points for the Motomesh wireless network.

Scientel Wireless, LLC has been providing support for the City of Plano's wireless network for the past seven years and is responsible for the daily maintenance of that network. Scientel Wireless LLC can provide the hardware and services described above under HGAC contract #CW10-09. A brand name justification memo was issued on 2/16/2010 requesting Scientel Wireless and Motorola as the sole providers for any services on this extensive and complex wireless network.

The total cost for this LIP project is \$225,459.00. This cost is broken down into \$112,729.50 for TCEQ Grant funding and \$112,729.50 Local Matching Funds.

Continuous traffic management and surveillance of an additional 20 traffic signals is needed in order to provide better traffic flow to the citizens of Plano.

cc: Jack Carr, Director of Engineering