



# CITY OF PLANO COUNCIL AGENDA ITEM

<b>CITY SECRETARY'S USE ONLY</b>				
<input type="checkbox"/> Consent <input type="checkbox"/> Regular <input type="checkbox"/> Statutory				
Council Meeting Date:		3/14/16		
Department:		Engineering		
Department Head		Caleb Thornhill		
Agenda Coordinator (include phone #): <b>Earl Whitaker x7074</b>				
<b>CAPTION</b>				
To approve an expenditure for the purchase and installation of a Wireless Network Upgrade Phase 1 in the amount of \$622,258 from Scientel Wireless, LLC, for Traffic Engineering and authorizing the City Manager to execute all necessary documents.				
<b>FINANCIAL SUMMARY</b>				
<input type="checkbox"/> NOT APPLICABLE <input type="checkbox"/> OPERATING EXPENSE <input type="checkbox"/> REVENUE <input checked="" type="checkbox"/> CIP				
FISCAL YEAR:	<b>2015-16</b>	<b>Prior Year (CIP Only)</b>	<b>Current Year</b>	<b>Future Years</b>
				<b>TOTALS</b>
Budget		10,037	964,815	250,000
Encumbered/Expended Amount		-10,037	-154,467	0
This Item		0	-622,258	0
BALANCE		0	188,090	250,000
<b>FUND(S): STREET IMPROVEMENTS CIP</b>				
<p><b>COMMENTS:</b> Funding is available for this item in the 2015-16 Street Improvements CIP. The initial phase of the Wireless Traffic Controller Project, in the amount of \$622,258, will leave a current year balance of \$188,090 available for future expenditures related to traffic signalization or other street improvements.</p> <p><b>STRATEGIC PLAN GOAL:</b> Improving traffic signalization at intersections in Plano relates to the City's goals of a Safe Large City and a Financially Strong City with Service Excellence</p>				
<b>SUMMARY OF ITEM</b>				
The City is exempt from the competitive bid process for this purchase pursuant to local government code Chapter 252 Subchapter B Sec 252.022 (a)(7)(D).				
See Recommendation Memo.				
List of Supporting Documents:			Other Departments, Boards, Commissions or Agencies	
Recommendation Memo			NA	



# Memorandum

**Date:** February 23, 2016  
**To:** Kellie Boyer, Purchasing Manager  
**From:** Lloyd Neal, Transportation Engineering Manager, Carlos Ibarra (Senior Traffic Engineer)  
**Subject:** Purchase and Installation of Wireless Network Upgrade for the Traffic Management Center

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 62 networked traffic signal devices within City of Plano city limits. This increased network capacity at the City Traffic Management Center will allow for the 62 networked devices in Phase 1, including traffic signal controller interconnection, and wireless access points for the wireless network.

Scientel Wireless, LLC, has been providing support for the City of Plano's wireless network for the past several years. They are the sole source provider of support and maintenance for the City's wireless network, supporting all city departments including the Traffic Department.

The total cost for Phase 1 is \$ 622,258.00. This cost is broken down into CIP account # 36742 \$ 557,258.00 for City of Plano Computerized Signal System, and CIP account # 36755 \$ 65,000.00 for ICM Signal Timing.

Continuous traffic signal management and surveillance of an additional 62 traffic signals is needed in order to provide better traffic flow to the citizens of Plano.

cc: Caleb Thornhill, Director of Engineering