



**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:		7/23/12			
Department:		Technology Services			
Department Head		David Stephens			
Agenda Coordinator (include phone #): <b>Amy Powell X7342</b>					
<b>CAPTION</b>					
To approve the purchase of replacement light pole structures to support the City's Motomesh Devices, in the amount of \$220,077 from CoServ Electric through an existing franchise agreement, and authorizing the City Manager to execute all necessary documents (Ordinance No. 2008-4-42).					
<b>FINANCIAL SUMMARY</b>					
<input type="checkbox"/> NOT APPLICABLE <input checked="" type="checkbox"/> OPERATING EXPENSE <input type="checkbox"/> REVENUE <input type="checkbox"/> CIP					
FISCAL YEAR:	<b>2011-12</b>	<b>Prior Year (CIP Only)</b>	<b>Current Year</b>	<b>Future Years</b>	<b>TOTALS</b>
Budget		0	222,000	0	<b>222,000</b>
Encumbered/Expended Amount		0	0	0	<b>0</b>
This Item		0	-220,077	0	<b>-220,077</b>
BALANCE		0	<b>1,923</b>	0	<b>1,923</b>
<b>FUND(S):     TECHNOLOGY SERVICES FUND</b>					
<b>COMMENTS:</b> Funds are available in the 2011-12 Wireless Support Re-Estimate for replacement purchase of light pole structures to support the City's Mesh Devices. The remaining balance of funds will be used for other operating expenditures.					
<b>STRATEGIC PLAN GOAL:</b> Purchasing light pole structures to support the City's Mesh Devices relates to the City's Goal of Financially Strong City with Service Excellence and Safe Large City.					
<b>SUMMARY OF ITEM</b>					
Technology Services recommends Council approve the purchase of labor and materials to replace 32 decorative light pole structures, in the amount of \$220,077, from CoServ Electric through an existing franchise agreement. These new structures will accommodate our wireless access devices for the Motomesh project. CoServ will maintain ownership of the light poles. The replacement poles are taller than the existing poles and will enable the wireless access devices to be placed at the industry-standard height of 14 feet above ground level to ensure optimum performance. This will provide wireless services to Public Safety personnel and other city services. Without the ability to replace these poles and attach our wireless devices to these poles, we will not be able to provide wireless access to our Public Safety personnel in sections of our city.(Ordinance No. 2008-4-42).					
List of Supporting Documents: Staff Memo			Other Departments, Boards, Commissions or Agencies		

# Memo

**Date:** 7/10/2012

**To:** Diane Palmer-Boeck, Chief Purchasing Officer

**From:** David Stephens, Director Technology Services

**RE:** Requesting CoServ Electric replace light poles for Motomesh project

We are requesting that CoServ Electric replace 32 decorative light poles with taller poles to accommodate our wireless access devices for the Motomesh project. CoServ Electric is the owner of these light poles and will maintain ownership of these poles but requires the City of Plano to pay for new taller decorative poles to replace existing poles. The purpose of this wireless network is to provide wireless services to Public Safety personnel and other city services.

The existing poles are 11 feet in height and the new poles will be 25 feet in height. Industry standards require wireless access devices, or any electronic devices attached to a pole, to be at least 14 feet above ground level. Therefore CoServ Electric has designed a pole that is consistent with the rest of their pole designs and provides the necessary clearance for the City of Plano's needs.

These poles are decorative and match the fluted design of the other poles in the service areas. The City has worked with the HOA's in the affected areas and they are in agreement with the proposed poles.

The cost to replace these 32 poles is \$220,076.55. CoServ Electric is the sole owner and maintenance provider for these poles. The City of Plano has an active pole attach agreement to allow us to put our devices on these poles.

Without the ability to replace these poles and attach our wireless devices to these poles, we will not be able to provide wireless access to Public Safety personnel in sections of our city.