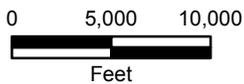
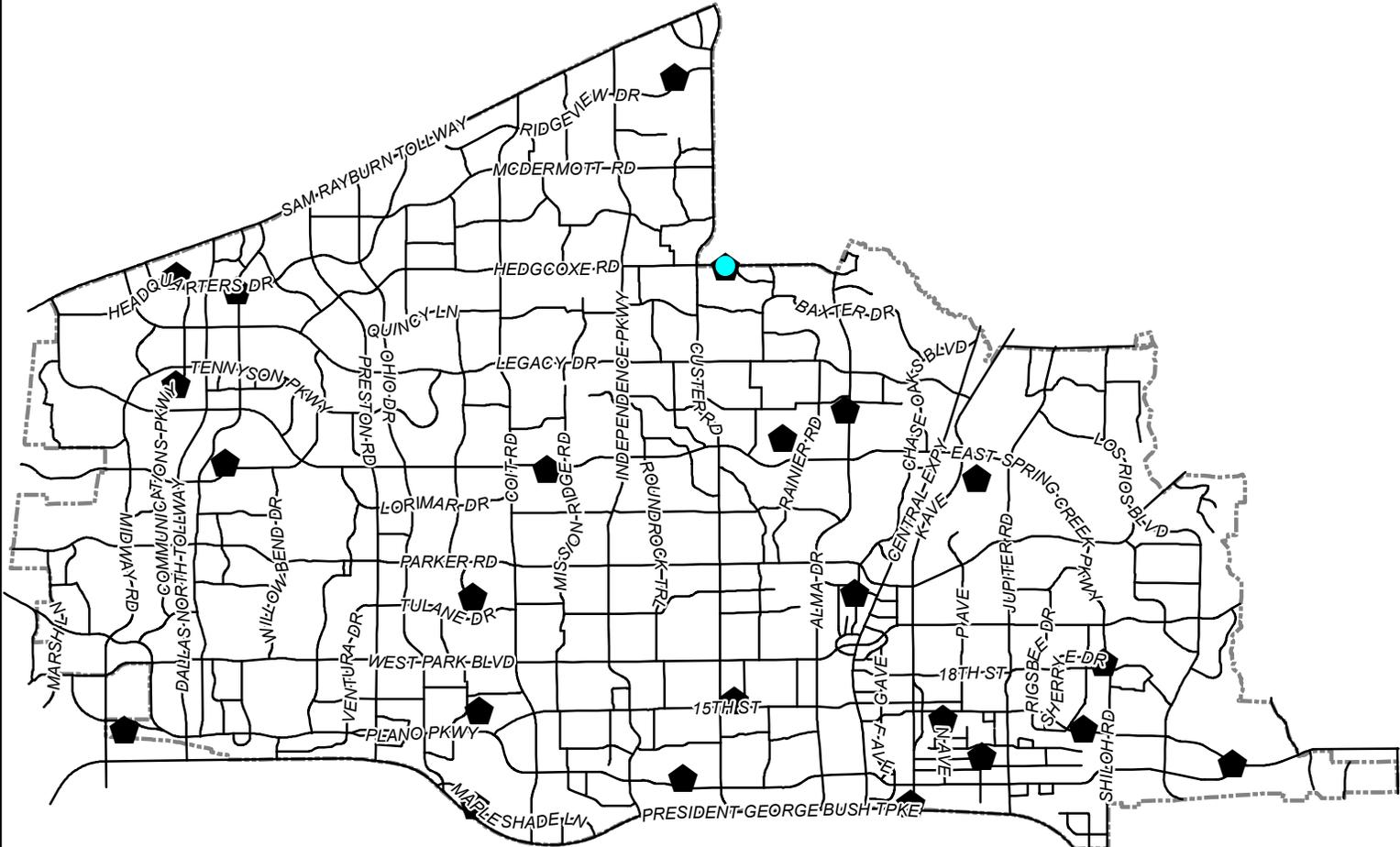




**CITY OF PLANO
COUNCIL AGENDA ITEM**

CITY SECRETARY'S USE ONLY					
<input type="checkbox"/> Consent <input type="checkbox"/> Regular <input type="checkbox"/> Statutory					
Council Meeting Date:		07/27/16			
Department:		Engineering			
Department Head:		B. Caleb Thornhill, P.E			
Agenda Coordinator (include phone #): Kathleen Schonne (7198)				Project No. 6212	
CAPTION					
CSP No. 2016-0275-B for The SCADA System Upgrade to RLC Controls, Inc. in the amount of \$584,224 and authorizing the City Manager to execute all necessary documents.					
FINANCIAL SUMMARY					
<input type="checkbox"/> NOT APPLICABLE <input type="checkbox"/> OPERATING EXPENSE <input type="checkbox"/> REVENUE <input checked="" type="checkbox"/> CIP					
FISCAL YEAR:	2015-16 2016-17	Prior Year (CIP Only)	Current Year	Future Years	TOTALS
Budget		263,736	275,000	1,600,000	2,138,736
Encumbered/Expended Amount		-263,736	-89,030	0	-352,766
This Item		0	-150,000	-434,224	-584,224
BALANCE		0	35,970	1,165,776	1,201,746
FUND(S): WATER CIP					
<p>COMMENTS: Funding for this item is available in the 2015-16 Water CIP and anticipated in the 2016-17 Water CIP. This upgrade to the City of Plano's Water and Wastewater SCADA System, in the amount of \$584,224, will leave a total project balance of \$1,201,746 available for further improvements to Plano's water system.</p> <p>STRATEGIC PLAN GOAL: Upgrading system controls at Plano pump stations, lift stations, and elevated tanks to replace components that are obsolete and no longer produced relates to the City's goals of a Financially Strong City with Service Excellence and a Safe Large City.</p>					
SUMMARY OF ITEM					
See Recommendation Memorandum.					
List of Supporting Documents: Location Map; Recommendation Memorandum; CSP Summary			Other Departments, Boards, Commissions or Agencies N/A		



Project Number 6212 Water and Wastewater SCADA



City of Plano GIS Division
April, 2015



Memorandum

TO: Bruce D. Glasscock, City Manager

FROM: B. Caleb Thornhill, P.E., Director of Engineering

DATE: July 25, 2016

SUBJECT: The SCADA System Upgrade

The Engineering Department is recommending entering into a contract with RLC Controls, Inc. for the SCADA System upgrade.

The Supervisory Control and Data Acquisition System (SCADA) was initially installed in 1993 by Automation Services. The SCADA system automatically controls all critical plant processes and provides a computer terminal interface for plant operators. Although the system is still operating, various Programmable Logic Controllers (PLC), a key component of the SCADA system, and various other hardware are no longer manufactured and have been obsolete for approximately several years. The risks of failure of the PLCs and resulting water service interruptions have increased since parts and service for them are no longer being supported by the manufacturer.

RLC Controls, Inc. is an Instrumentation and Control System firm who has over 30 years expertise in SCADA system for Water and Wastewater and has worked with the City of Plano in the past on several projects with other municipalities with similar type projects with satisfactory results. They were selected based on Competitive Sealed Proposal CSP No. 2016-0275-B submission and shortlist interview evaluation. RLC Controls, Inc. is deemed the most qualified for this project.

CITY OF PLANO

CSP No. 2016-0275-B

Water and Wastewater SCADA System – Project No. 6212

CSP Recap

Proposal Opening Date/Time: April 15, 2016 @ 3:00 PM

Number of Vendors Notified: 3,115

Vendors Submitting “No Bids”: 0

Number of Proposals Submitted: 3

<u>Vendor Name</u>	<u>Total Base Bid</u>
SCI Automation	\$416,537.06
RLC Controls, Inc.	\$584,223.53
Prime Controls	\$638,116.00

Recommended Vendor(s):

RLC Controls, Inc. \$584,223.53

Teresa Shelstad

Teresa Shelstad, Buyer II

April 15, 2016

Date