



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:		4/14/2014		
Department:		Police		
Department Head		Gregory W. Rushin		
Agenda Coordinator (include phone #): Lincoln Thompson x7376				
CAPTION				
CSP No. 2014-67-B for the purchase of Leica ScanStation C10 Laser Scanning System to be utilized by the Police Department from Geomatic Resources in the amount of \$166,234 and authorizing the City Manager to execute all necessary documents.				
FINANCIAL SUMMARY				
<input type="checkbox"/> NOT APPLICABLE <input checked="" type="checkbox"/> OPERATING EXPENSE <input type="checkbox"/> REVENUE <input type="checkbox"/> CIP				
FISCAL YEAR:	2013-14	Prior Year (CIP Only)	Current Year	Future Years
		TOTALS		
Budget		0	540,000	0
Encumbered/Expended Amount		0	0	0
This Item		0	-166,234	0
BALANCE		0	373,766	0
FUND(S): TRAFFIC SAFETY FUND				
COMMENTS: Funds are available in the Traffic Safety Fund for the replacement purchase of the hardware, and software, including training, for the mapping system used at serious injury and fatality traffic crashes. STRATEGIC PLAN GOAL: Replacing the existing crash mapping system with a newer, faster system relates to the City's Goals of Safe Large City and Financially Strong City with Service Excellence.				
SUMMARY OF ITEM				
Staff recommends the purchase of a Leica ScanStation C10 Laser Scanning System from Geomatic Resources in the amount of \$166,234 (CSP No. 2014-67-B).				
List of Supporting Documents:			Other Departments, Boards, Commissions or Agencies	
Memo			N/A	
CSP Recap				



Memorandum

Date: April 2, 2014

To: Diane Palmer-Boeck, Chief Purchasing Officer

From: Gregory W. Rushin, Chief of Police

Subject: Leica ScanStation C10 Laser Scanning System Purchase Recommendation

One of the key responsibilities the Traffic Unit is tasked with is reconstruction/mapping of serious injury and fatality traffic crashes. For the past 15 years, the mapping function has been performed by use of Sokkia Total Station equipment. Currently, we are using a Sokkia SRX-5 Robotic Total Station which takes, at a minimum, an hour to map a scene. During the time that a scene is being mapped, lanes (or sometimes the entire roadway) have to remain closed to traffic. With major roadways such as US 75, extended road closures during rush hour have a significant negative impact. Closures are frustrating to the citizens, dangerous to the officers and medical personnel and often cause additional crashes in the upstream traffic backups. Technological advances have made it possible to utilize equipment capable of producing a 360° view of a crash scene in approximately 10 minutes, with a much more professional finished product. This newer equipment is much smaller, and can also be used to map crime scenes.

After obtaining approval to utilize Traffic Safety funds, the Plano Police Department worked with Purchasing to distribute a Competitive Sealed Proposal. Purchasing invited 3,417 vendors through BidSync, and had 31 vendors view the solicitation. We received one proposal, from Geomatic Resources, with a best and final offer of \$166,233.99. The Police Department recommends award of Bid # 2014-67-B to Geomatic Resources. This purchase includes the Leica ScanStation C10 Laser Scanning System including hardware, software, and training.

The Sokkia system currently in use is still operational, but has been in use since 2008 and is nearing the end of its service-life. This equipment has malfunctioned previously, causing the Traffic Unit to have to borrow mapping equipment from neighboring agencies. If the Leica ScanStation purchase is not approved, we will continue utilizing the current equipment, which will result in continued extended road closures at major crash scenes.

GWR/dc

CITY OF PLANO
CSP NO. 2014-67-B
3D Laser Scanning System
CSP RECAP

CSP opening Date/Time: January 30, 2014 @ 2:00 PM

Number of Vendors Notified: 3,417

Vendors Submitting "No Bids": 0

Number of Proposals Submitted Non-Responsive: 0

Number of Proposals Submitted: 1

Geomatic Resources \$ 166,233.99

Recommended Vendor:

Geomatic Resources \$ 166,233.99

Lincoln Thompson

April 2, 2014

Lincoln Thompson
Senior Buyer

Date