

AGENDA



Thursday, August 5, 2010

Purchasing Office RECOMMENDATION FOR COUNCIL ACTION

Item No. 22

Subject: Authorize award, negotiation, and execution of a 12-month requirements supply contract through the State of Texas Department of Information Resources cooperative purchasing program with INSIGHT PUBLIC SECTOR, INC., Tempe, AZ, for the purchase, installation, integration, and testing of Panasonic digital vehicular video systems and maintenance in estimated amounts not to exceed \$370,066 for Phase I and \$3,706,595 for Phase II, for a total estimated contract amount not to exceed \$4,076,661.

Amount and Source of Funding: Funding in the amount of \$370,066 is available in Fiscal Year 2009-2010 Capital Budget of the Austin Police Department. Funding for Phase II is contingent upon available funding in future budgets.

Fiscal Note: A fiscal note is attached.

For More Information: Mick Osborne, Specialist Sr. Buyer/974-2995

MBE/WBE: This Cooperative purchase is exempt from the MBE/WBE Ordinance. This exemption is in compliance with Chapter 2-9D of the City Code (Minority Owned and Women Owned Business Enterprise Procurement Program). No subcontracting opportunities were identified; therefore, no goals were established for this contract. Related to Items #6, 13, 14, 20, and 21.

This contract is for a multi-phased project to include equipment, installation, integration, and testing of the Panasonic Arbitrator In-car Video Solution.

Phase I will provide for the installation of necessary network and storage infrastructure and will implement the video solution in 43 police vehicles, as well as providing related training and on-site support. Contingent upon the successful technical implementation of Phase I, the full roll-out to additional patrol cars (up to a total of 550) and motorcycles (up to a total of 75) will ensue. Contingency plans exist to continue using the current equipment in APD patrol vehicles if Phase I is not successfully completed.

Staff from the Austin Police Department and the Communications and Technology Management Office have been exploring and evaluating various potential solutions for new digital in-vehicle (car, motorcycle, boat) video systems to replace the aging VHS system currently in use.

Thirty-one comparable Police agencies and/or agencies identified as references were contacted regarding use of digital in-car camera solutions. Of the agencies who responded, 16 have or are in the process of implementing a digital in-car camera solution. Of the 16 agencies using a digital system, seven use wireless transport as a primary upload process, six have a manual upload process, and three use a wired solution.

The following cities using digital video were compared: Cincinnati, Columbus, Dallas, Detroit, Houston, Kansas City, Knoxville, Louisville, Milwaukee, Montgomery County, MD, Oakland, Phoenix, Portland, San Antonio, Seattle, and Tampa. Site visits were made to Louisville Metro Police Department (wireless upload), Montgomery County Police Department (wireless upload), and the Travis County Sheriff's Office (manual upload). A Proof of Concept study was completed with equipment from two Department of

Information Resources (DIR) vendors to evaluate the equipment in two cars and two motorcycles (one set for each vendor) and to validate the solution and make final vendor selection.

The Digital Vehicular Video System will provide:

- Documentation of Police interactions with the public
- Transparency and accountability
- Additional layer of safety for police personnel
- Fully-integrated, solid state system for digital video and audio capture, storage, transfer, and video management
- Archival of recorded files on high capacity secure digital memory cards or solid state hard drives
- File transmission via wireless networks
- A minimum of two cameras that can be recorded and viewed simultaneously (forward and rear facing)
- Low light technology for viewing in darkness
- Wireless microphone with high quality audio at a minimum of 1,000 feet from the receiver
- User defined action-based triggers (light bar, sirens, crash sensor, doors, etc.)
- Integrated software providing a user interface to manage the software on the back end
- Compliance with the International Association of Chiefs of Police specifications for digital video systems performance

In addition to this contract for the DVV system, there will be requirements for related network infrastructure and data storage. The procurement of a storage area network (SAN) and network infrastructure will be addressed in separate, related RCAs. Leased lines for the transportation of data will be procured through existing contracts. Additional staffing related to the full implementation of the digital video system will also be required. The total estimated project costs are \$15 Million.