



Memorandum

TO: HONORABLE MAYOR AND
CITY COUNCIL

FROM: Jose Obregon
Robert L. Davis
Wandzia Grycz

SUBJECT: SEE BELOW

DATE: June 17, 2004

Approved

Date

SUBJECT: SOLE SOURCE PURCHASE FOR THE INTEROPERABLE COMMUNICATIONS TECHNOLOGY PROGRAM GRANT - MICROWAVE INFRASTRUCTURE PROJECT

RECOMMENDATION

Adoption of a resolution authorizing the Director of General Services to negotiate and execute an agreement with Harris Corporation (Melbourne, FL) for the engineering, design, hardware, training, and installation/integration services for the Emergency Communications (E-Comm) Network, not to exceed \$4,910,000.

BACKGROUND

One of the major issues facing the emergency services sector is the inability of emergency service workers - including traditional "first responders" - to communicate with one another when the need arises. The U.S. Department of Justice has established a new grant program designed to assist Police departments in obtaining communications systems that function between agencies during terrorist attacks and other times of crisis. San Jose is one of 74 cities selected nationally to participate in this Interoperable Communications Grant program. The grant funds provide infrastructure upgrades, including enhancement and expansion of the radio communications network countywide. The project includes upgrading the microwave network for the City of San Jose which is an analog-based microwave network that is now obsolete, of limited capacity, and has been in service for close to 15 years. The upgrade will be to a digital microwave network with capacity to pass voice and data traffic within San Jose, as well as among 9-1-1 public safety answering points (PSAP) that are currently operated by various jurisdictions within the Santa Clara County Operational Area. The City's network will also be expanded throughout the operational area via links in the North, South and West areas of the County to provide complete communications coverage.

The Emergency Communications (E-Comm) Network System will effectively bridge radio and data communications for fourteen (14) regional Public Safety Answering Points (PSAPs) that currently receive 9-1-1 calls as well as other key public safety facilities/operations. The Network System will also ease and enhance the coordinated emergency response efforts throughout the region while providing a reliable and robust platform to transport current and future technologies.

ANALYSIS

The City of San Jose is the lead agency within the San Jose Metropolitan Statistical Area in the COPS Interoperable Communications Technology Program and will be acting as the procurement agency for all the network participants.

Harris Corporation represents 66% of the microwave market in the State of California. They possess direct knowledge of the existing microwave networks throughout Santa Clara County; systems that will be integrated as part of the proposed digital loop system making up the E-Comm Network. In addition, Harris Corporation has designed, built, or provides radio equipment for many of the public safety network operations in the counties of the greater Bay Area region. This expertise will be valuable and essential when the E-Comm Network is extended to outside counties, creating additional opportunities for regionalized interoperable communications.

It is imperative that the contractor has a solid working knowledge and specific experience with the integration requirements of the current microwave equipment and with the make-up of the E-Comm Network. Harris Corporation designed and built the microwave networks currently in operations by the County of Santa Clara, City of Palo Alto, County of San Mateo, County of Contra Costa, and County of Alameda. Seamless integration with Santa Clara County's existing DVM microwave system is absolutely essential to this project. Based on this need and in recognition of the fact that Harris Corporation has a high degree of working knowledge of the current systems that will be impacted, sole source procurement was pursued.

On January 29, 2004, the United States Department of Justice, Office of Community Oriented Policing Services, determined that a sole source purchase was justified, and in accordance with the COPS Interoperable Communications grant conditions.

The scope of the contract will include the design and engineering of the microwave loop that will connect 14 public safety dispatch centers, the necessary microwave equipment, site preparation including tower strengthening and placement, installation and integration of the various sites, and training those agencies involved on troubleshooting and maintenance.

The Office of Equality Assurance has determined that the Prevailing Wage will apply for various labor functions associated with the installation of the equipment.

PUBLIC OUTREACH

San Jose, in conjunction with the Silicon Valley Regional Interoperability Project Group (SVRIP), prepared the grant application which demonstrated how the funding will help all agencies in the Santa Clara County region achieve interoperability among the fire service, law enforcement and emergency medical service communities. The SVRIP is comprised of members of all the cities in the county (Campbell, Gilroy, Los Altos, Los Gatos, Milpitas, Morgan Hill, Mountain View, Palo Alto, Sunnyvale, San Jose, and Santa Clara), as well as the County of Santa Clara Sheriff's Office. The Silicon Valley Regional Interoperability Project group developed the grant application, technical specifications and project scope.

COORDINATION

This memorandum has been coordinated with the Information Technology Department, Police Department, Department of Planning, Building and Code Enforcement, the Department of General Services, the Office of Equality Assurance, and the Office of the City Attorney.

COST IMPLICATIONS

The total award of grant funds is \$4,922,883 including a twenty-five percent cash match (\$1,230,722). The match funding sources will be achieved from several sources including the City of San Jose, the City of Palo Alto, the County of Santa Clara and the Silicon Valley Regional Interoperability Project. On November 18, 2003, City Council adopted a resolution to accept the grant funds and amended the Annual Appropriation Ordinance to appropriate the funds.

Maintenance costs related to San Jose's microwave infrastructure are funded in the Information Technology Department's Radio Communications operating budget. The network participants will fund maintenance costs associated with the planned expansion of this network outside of the City of San Jose's existing jurisdiction.

This Council agenda item is in line with the General Principles of the Mayor's Budget Strategy in that special grant funds are being utilized to provide more efficient and cost-effective delivery of Police services.

BUDGET REFERENCE

<u>Fund #</u>	<u>Appn. #</u>	<u>Appn. Name</u>	Total Appn.	Amt. for Contract	2004-2005 Proposed Budget Page	Last Budget Action (Date, Ord. No.)
001	TBD	COPS 2003-04 Interoperable Communications Grant	\$4,818,348*	\$4,818,348	N/A	MBA #54
001	0502	Police Non-Personal/Equip.	\$17,403,004	\$91,652	VIII-114	MBA #54

* This contract will be funded by the 2004-2005 Capital and Operating Budgets. Funding of \$4,818,348 from the COPS Interoperable Communications Grant and \$100,000 from the Police Non-Personal budget were rebudgeted to 2004-2005 as part of Manager's Budget Addendum (MBA) #54 for this project. The implementing appropriation ordinance for the 2004-2005 Budget is expected to be adopted by the City Council on June 22, 2004.

CEQA

CEQA requirements will be identified as each microwave site within the City of San Jose is identified and the equipment requirements are purchased and installed. CEQA requirements will also be addressed as microwave sites are identified in the other participating jurisdictions and their agencies will have to approve the equipment installations. CEQA clearances are a requirement of the U.S. Department of Justice grant provisions. The remaining items are not a project.

JOSE OBREGON
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 Chief of Police

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