

TO: James L. App, City Manager
FROM: Lisa Solomon, Chief of Police
SUBJECT: Mobile Computers – Police & Emergency Services
DATE: March 4, 2008

NEEDS: For the City Council to consider purchasing Mobile Data Computers (MDCs) and accessories for Public Safety vehicles through an established bid award to Data 911.

- FACTS:**
1. The Police and Emergency Services Departments have been postured to incorporate a comprehensive Mobil Data Communications system in the field:
 - A large investment in infrastructure for the Computer Aided Dispatch and Records Management System (CAD/RMS) was made in November 2001.
 - Funding (primarily grants) has been identified for this purpose.
 - The Police Department entered into a contract with Executive Information Services to provide and install Mobile Data Communications (MDC) system infrastructure in March 2007.
 - The City authorized the addition of an Information Technology (IT) Technician II to meet the demands of this substantial project, along with other growing IT needs citywide in March 2007.
 - The Police Department indicated it would return to Council for authorization to proceed with hardware procurement for the patrol units and other significant associated expenditures as the project progresses.
 2. Purchases exceeding \$5,000 require a competitive bid process under City purchasing rules.
 3. City purchasing rules allow for purchases via competitive bids of other jurisdictions.
 4. The Gilroy Police Department awarded a contract to Data 911 through a competitive bid process for Mobile Data Computers in April, 2007, and the supplier has agreed to honor this bid pricing. (See attached Data 911 Quote to City of Paso Robles, Gilroy P.D. Request for Proposal and subsequent Bid Award)
 5. The pricing for the Mobile Data Computers includes the computers, installation, mounting hardware and warranties. Additional costs will be incurred for the wireless network connection. These costs will be both one-time and recurring, and the Information Technology Division has secured California Multiple Award Schedule (CMAS) pricing for both.
 6. The Police Department portion of the hardware project will be paid with State of California Supplemental Law Enforcement Services Funds. These funds may be used for equipment and/or personnel to accomplish project management and implementation. The Emergency Services Department portion of the hardware and software project is funded in the current budget. Initial costs are as follows:

Police Department Purchase for MDC hardware	\$107,600
Emergency Services Purchase for MDC hardware	\$ 37,500

TOTAL: \$145,100

Emergency Services Purchase for MDC software	\$ 8,300
TOTAL	\$ 8,300

Police Department initial wireless network connection (includes initial \$2,000 for IP address & installation)	\$ 14,400
Emergency Services initial wireless network connection	\$ 3,800
TOTAL:	\$ 18,200

7. There is a recurring cost to support the wireless network connections. Both departments intend to absorb these costs in their existing budgets (there may be budget expansion requests in the future if/when funding is available):

Police Department wireless fees (total annual)	\$ 6,000
Emergency Services wireless fees (total annual)	\$ 2,400
TOTAL:	\$ 8,400

**ANALYSIS &
CONCLUSION:**

The proposed Mobile Data Communications system is designed to extend the existing Computer Aided Dispatching (CAD), Records Management and other computerized systems to the police officer / firefighter in the field. Police and Emergency Services units will receive all information concerning calls for service via the MDC. What the dispatcher captures from the caller and inputs on the CAD screen can be sent to the field units instantaneously. Information can be rapidly updated, and officers will have access to all databases in the field without always requiring the assistance of a dispatcher for inquiries. Expansion of these systems in the future is also very promising. Potential for instant identification of subjects in the field via fingerprint images, extending systems with remote devices to query, write citations, reports, etc...will be the norm over the next decade.

It is anticipated total funding for this project will be approximately \$368,600:

IT Support Staff (previously approved)	\$150,000
EIS Server / Configuration (previously approved)	\$ 47,000
Data 911 MDC Hardware (both departments)	\$145,100
Wireless Connection / Software	\$ 26,500

Funding for this project will be nearly entirely from grant funds; approximately \$319,000 from State of California Supplemental Law Enforcement Services Funds and the balance of \$49,600 from the General Fund (Emergency Services budget). Annual maintenance of the MDC system is expected to be approximately \$29,000, and equipment replacement set-aside money will also run about \$30,000 annually. Funding of these items will be accomplished through existing budget allocations and current equipment and vehicle replacement accounts.

**POLICY
REFERENCE:**

City purchasing policy.

**FISCAL
IMPACT:**

One time cost of \$122,000 from State of California Supplemental Law Enforcement Services Fund (117-210-5454-136) for the initial purchase of MDC hardware/installation (\$14,400) and the wireless network connection (\$107,600) for Police Department units.

One time cost of \$18,000 from 100-220-5454-150 and \$23,300 from 122-220-5454-150 for the initial purchase of MDC hardware/installation (\$41,300 total) for Emergency Services Units.

One time cost of \$8,300 from 100.220.5212.150 for the initial purchase/installation of MDC software for Emergency Services units on existing Council approved contract with Executive Information Services.

Recurring annual cost of \$6,000 to 100-210-5212-136 for maintenance of wireless network to be absorbed by existing maintenance and operations allocations in the Police Department budget.

Recurring annual cost of \$2,400 to 100-220-5212-150 for maintenance of wireless network to be absorbed by existing maintenance and operations allocations in the Emergency Services budget.

Recurring annual cost of \$21,500 from 100-210-5212-136 for Police Department system maintenance, required 12 months after initial system installation, to be funded by reserved State Law Enforcement Supplemental Fund.

Recurring annual cost of \$7,500 from 100.220.5212.150 for Emergency Services system maintenance, required 12 months after initial system installation, to be absorbed by existing maintenance and operations allocations.

Recurring annual cost of \$30,000 for equipment replacement for both departments to be absorbed by current fund capacity in both the equipment replacement and vehicle replacement funds.

OPTIONS:

- a.** Adopt Resolution No. 08-xx authorizing the Chief of Police and Chief of Emergency Services to contract with Data 911 in the amount of \$145,100 for purchase and installation of Mobile Data Computers, and with Sierra Wireless in the amount of \$18,200 for installation of the initial wireless network connection, with continuing monthly network service through Verizon in the amount of \$8,400 annually.
- b.** Amend, modify, or reject the above option.

RESOLUTION NO. 08-

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF
EL PASO DE ROBLES AUTHORIZING THE PURCHASE OF DATA 911 MOBILE DATA COMPUTERS
IN ACCORDANCE WITH ESTABLISHED GILROY POLICE DEPARTMENT BID AWARD**

WHEREAS, the City Council of El Paso de Robles authorized the purchase of the Mobile Data Computers for the Police Department through an equipment grant awarded by the State Law Enforcement Services Fund (SLESF) grant; and

WHEREAS, the City Council of El Paso de Robles authorized the purchase of the Mobile Data Computers for the Emergency Services Department through existing general fund budget; and

WHEREAS, purchases exceeding \$5,000 require a competitive bid process by City purchasing rules; and

WHEREAS, City purchasing rules allow for purchases under contracts established by other jurisdictions through competitive bid processes; and

WHEREAS, the Gilroy Police Department awarded such a contract to Data 911 for the M6 Mobile Data Computers that the supplier is willing to honor.

NOW, THEREFORE, BE IT HEREBY RESOLVED that the City Council of the City of El Paso de Robles does authorize the Chief of Police and the Chief of Emergency Services to contract with Data 911 for purchase and installation of Mobile Data Computers, and with Sierra Wireless for installation of the initial wireless network and Verizon for continuing monthly network service, both of which fall under California Multiple Award Schedule (CMAS) pricing.

BE IT FURTHER RESOLVED by the City Council of the City of El Paso de Robles that a one time budget appropriation in the amount of \$171,600, is hereby approved and allocated as follows:

- \$122,000 to #117-210-5224-136 (MDC hardware & wireless network for PD)
- \$ 18,000 to #100-220-5454-150 (MDC hardware for ES)
- \$ 23,300 to #122-220-5454-150 (MDC hardware for ES)
- \$ 8,300 to #100-220-5212-150 (MDC install / software / wireless network for ES)

APPROVED AND ADOPTED by the City Council of the City of El Paso de Robles this 4th day of March, 2008 by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

Frank R. Mecham, Mayor

Attest:

Deborah Robinson, Deputy City Clerk