

**SUBMITTAL TO THE BOARD OF SUPERVISORS
COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

684



FROM: Stanley L. Sniff Jr., Sheriff-Coroner-PA

SUBMITTAL DATE:
04/19/10

SUBJECT: Approve the Contract Amendment for Cellular Equipment, Hardware, and Installation Services for an Expansion of the Sheriff's Mobile Cellular Data Network with Cellco Partnership DBA Verizon Wireless and Sprint Solutions Inc.

RECOMMENDED MOTION: Move that the Board of Supervisors:

1. Approve and execute the Amendments to purchase cellular hardware, software, equipment and installation services required to expand the cellular data network in the Sheriff's vehicle fleet from Cellco Partnership dba Verizon Wireless and Sprint Solutions Inc., at a cost not to exceed \$589,000 annually, which contains an option to renew the agreement for five additional one-year periods, and;
2. Authorize the Purchasing Agent, in accordance with Ordinance No. 459, to exercise renewal options, based on the availability of fiscal funding, and to sign amendments that do not change the substantive terms of the agreement, including amendments to the compensation provision that do not exceed the annual CPI rates, and ;
3. Direct the Clerk of the Board to return 3 original signed copies of the Amendments to Purchasing and Fleet Services.

BACKGROUND: On January 27, 2009 (3.58), the Board of Supervisors approved agreements for mobile data services and equipment installation with Verizon Wireless and Sprint Solutions to test the efficacy of mobile data cellular in a limited number of Sheriff's patrol vehicles.

(Continued on Page 2)

Will Taylor

Stan Sniff, Sheriff-Coroner-PA
Will Taylor, Director of Administration

FINANCIAL DATA	Current F.Y. Total Cost:	\$589,000	In Current Year Budget:	Yes
	Current F.Y. Net County Cost:	\$589,000	Budget Adjustment:	No
	Annual Net County Cost:	\$420,000	For Fiscal Year:	2009-10

SOURCE OF FUNDS: Department Budget – Operating costs will be partially funded with contract law enforcement revenue BR 10-091	Positions To Be Deleted Per A-30	<input type="checkbox"/>
	Requires 4/5 Vote	<input type="checkbox"/>

C.E.O. RECOMMENDATION:

APPROVE
BY: *Robert Tremaine*

Robert Tremaine

County Executive Office Signature

Dep't Recomm.: Consent Policy
Per Exec. Ofc.: Consent Policy

Prev. Agn. Ref.: 1/27/2009 3.58 | District: All | Agenda Number:

3.68

Purchasing: *Billy Cornett*
Billy Cornett, Purchasing Manager
Departmental Concurrence

RCIT: *Matthew Fymins*
Matthew Fymins, CIO

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The project removed data traffic from the radio system and placed data on a cellular network for 212 vehicles in three test areas: Cabazon Station, Southwest Station/Temecula and Hemet Station/San Jacinto. The project's test period concluded in March of 2010. Based on a review of the test results by RCIT and Sheriff's personnel, the Sheriff's Department is proposing to expand from the 212 test vehicles to an additional 616 vehicles equipped with cellular modems and software, providing cellular to 828 vehicles or 93% of its patrol fleet.

The test project demonstrated that the cellular transfer of data successfully and significantly reduced the amount of failed CAD (Computer Aided Dispatch) messages to and from patrol. A failed message means that a message was lost or not relayed to its intended party. As the CAD message contains the circumstances of a patrol deputy's call for service or information on a warrants check, a lost message presents a danger and a liability to field personnel and the public.

The Sheriff's Department's patrol vehicles were losing approximately 100,000 messages per month (1.2 million messages for a 12 month period). Since the pilot project was fully implemented in the 212 vehicles, those monthly messages lost have been reduced by 25,000 per month. At the completion of the proposed expansion project, it is estimated that the lost messages will be further reduced to less than 17,000 per month.

The cellular data project also offers the immediate, but rudimentary ability to locate the positioning of a cellular equipped vehicle with longitude and latitude descriptions.

The test showed that using cellular reduced the load on the current radio system, thereby freeing the system for voice traffic and increasing the effectiveness of the current radio system.

The cellular data system is compatible with the PSEC/Motorola radio project. It was originally adopted as an interim measure prior to implementation of the PSEC project, but has proven to be a very valuable data network system, which will now supplement the PSEC project.

PRICE REASONABLNESS:

The Sheriff's Department has identified the funds to purchase the necessary equipment in this fiscal year. If purchase and delivery of the equipment is made before the end of the fiscal year, the Celco Partnership DBA Verizon Wireless and Sprint Solutions Inc. will offer a special opportunity purchase with significant price reductions on all equipment. On the cellular modems alone, the special price is 52% below the specified price in current agreement with the County a cost savings of \$184,800 for 616 modems. Equipment installation will follow in the next fiscal year, and the costs of installation will be covered by deferred operating costs that have been budgeted In FY 2010-11. The installation of the equipment in the 616 vehicles will take approximately 120 days, with project

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completion scheduled for October 31, 2010. The Sheriff's Department plans to utilize the current Sprint and Verizon installation vendors, as well as the current county approved contracted fleet equipment installation vendors.

Ongoing Operating Costs:

Once installed in the patrol vehicles, depending upon the service area, the monthly recurring cost for Verizon Wireless is \$45.01 per month; for 473 vehicles, the cost extension is approximately \$21,290 per month. The monthly recurring cost from Sprint Solutions is \$39.99 per month; for 355 vehicles, the cost extension is \$14,197 per month. Contract cities will fund approximately 52% of the operating cost.