

# PLACER COUNTY

## ADMINISTRATIVE SERVICES DEPARTMENT

### MEMORANDUM

**TO:** Honorable Board of Supervisors

**FROM:** Clark L. Moots, Director of Administrative Services *CLM*  
Jerry Gamez, Assistant Director of Administrative Services *JG*

**DATE:** November 23, 2010

**SUBJECT:** Recommendation to Approve the Award of Two Sole Source Contracts in the Amount of \$505,250 to Motorola, Inc. and Delta Wireless to Support the Countywide Interoperable Radio Network Project, Phase B and Authorize the Director of Administrative Services and the Purchasing Manager to Take all Other Actions Necessary to Implement the Project.

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#### **RECOMMENDATION/ACTION REQUESTED**

It is recommended that your Board take the following actions associated with the Countywide Interoperable Radio Network Project, Phase B:

- 1.) Authorize the Director of Administrative Services to negotiate two separate contracts in the amount not-to-exceed of \$505,250 for the purchase and installation of digital radio infrastructure;
- 2.) Approve the sole source award of the necessary contracts in support of the Countywide Interoperable Radio Network Project to Motorola, Inc. and Delta Wireless;
- 3.) Authorize the Purchasing Manager to sign the resulting contracts with Motorola Inc. and Delta Wireless upon County Counsel and Risk Management approval;
- 4.) Approve a Budget Revision in the amount of \$505,250 to the Countywide Systems Fund;
- 5.) Add the appropriate components to the Countywide Systems Fund's Master Fixed Asset List;
- 6.) Authorize the Director of Administrative Services and the Purchasing Manager to take all other actions necessary to implement the project.

#### **BACKGROUND**

During the past seven years, Placer County has made significant progress in developing and adopting a regional radio strategy that meets new federal standards and significantly enhances interoperability requirements amongst public safety agencies. On February 4, 2003, your Board approved the Countywide Radio Network Strategic Plan which provided a solution for upgrading the County's aging radio communications systems to a state-of-the-art communications network that incorporates the latest in standards-based technology, meets Federal Communications Commission's (FCC) Public Safety Frequency Spectrum requirements and significantly enhances interoperability capabilities essential to effectively protect and serve the citizens of Placer County. This solution is a three-phased approach to implement a new Countywide Interoperable Radio Network Project to replace the County's current 36 legacy radio systems.

In an effort to migrate the County's present legacy radio systems onto a new digital radio platform in a fiscally responsible manner, the Administrative Services Department (Department) was directed by the

County Executive Office to develop a five-step plan for implementation of Phase III of the Countywide Interoperable Radio Network Project.

The Five-Step Phase III Implementation Plan is defined as follows:

- Step A - Master Site/Dewitt Radio Site/Dispatch Upgrade
- **Step B - West Basin Simulcast/Network Monitoring System**
- Step C - I-80 Corridor Simulcast/Intelli-site Repeaters
- Step D - Tahoe Basin Simulcast
- Step E – OES Conventional Analog System/Spare Kit

On May 26, 2009, your Board approved the sole source award of a contract in the amount of \$998,754 to Motorola, Inc. to implement a portion of Phase III, Step B of the Countywide Interoperable Radio Network Project. As a result of your Board's action, our ability to migrate non public safety users onto a "live environment" has been enhanced significantly. In addition, your support of this critical public safety project provided the County with a viable roadmap towards interconnectivity between other P25 systems defined as the "Systems to Systems" approach thus increasing the County's opportunity to obtain additional grant funding.

Your leadership and continued support of this mission critical interoperable communications project will ensure the County's Public Safety Agencies have the necessary tools to meet their day-to-day communications needs and effectively respond to any disaster, whether natural or man-made.

#### **CURRENT ISSUE**

Efforts to identify available funding sources continue and on October 2, 2007, Placer County executed a Countywide Interoperable Communications System Cooperative Agreement with the Placer County Unincorporated Fire Protection Districts/Departments to seek grant funding for infrastructure costs associated with fire service operation requirements. As a result of this agreement, the Administrative Services Department established a contract with a firm specializing in grant writing services to assist with the development of comprehensive interoperable radio communications grants.

On May 14, 2010, the U.S. Department of Homeland Security's Assistance to Firefighter's Grant Office notified the Loomis Fire Protection District that their regional grant submittal requesting funding to support the Countywide Interoperable Radio Communications Project had been funded in the amount of \$505,250. Agencies represented in this regional grant award include the Loomis Fire Protection District, the South Placer Fire Protection District, the Penryn Fire protection District and Placer County Fire. The grant period is identified as May 7, 2010 through May 7, 2011 and requires 20% in matching funds. The total funding being applied towards the project is \$505,250 comprised of \$404,200 in federal funds and \$101,050 in matching funds from the represented Agencies.

Today the Department is requesting your Board's approval of a budget revision to the Countywide Systems Fund to allocate the Assistance to Firefighter's Grant award in the amount of \$505,250 and appropriate funding within the Countywide Systems Fund currently allocated towards the Countywide Interoperable Radio Network Project to be utilized to implement an additional portion of Phase III, Step B.

The Department has also identified the Bill Santucci Justice Center's Emergency Communications Tower Site as the next viable facility to provide the greatest radio coverage in a phased implementation

approach. This site will enhance our ability to continue to test multiple subscriber units in a “live environment”, allow for County User Departments operating in the west basin including the Department of Public Works, Transit, Animal Control, and the new South Placer Adult Correctional Facility to be migrated onto the new radio network.

In 2003, as a result of Request for Information (RFI) No. 9085, the Procurement Division identified Motorola, Inc. as the only qualified firm to provide a complete countywide, multi-site, VHF, Project 25 compliant, digital trunking solution. Section 1.3(I) of the Purchasing Policy Manual provides for the sole source procurement of a commodity or service which can only be purchased from one supplier, usually because of its technological, specialized, or unique character.

On October 7, 2010, County staff received proposals from Motorola, Inc. and Delta Wireless to implement the required digital radio infrastructure to support the Bill Santucci Justice Center’s Emergency Communications Tower Site. County staff estimates the digital radio infrastructure costs to implement this site as \$505,250. This estimate is based on the Western States Contracting Alliance (WSCA) contract pricing structure.

Other actions necessary to implement this portion of Phase III, Step B include the development of the Bill Santucci Justice Center’s Emergency Communications Tower Site to support the Countywide Interoperable Radio Network’s digital radio technologies and the construction of the Com/IT Satellite Dish Farm to enhance the County’s interoperable communications capabilities.

Currently funding for the purchase of the Bill Santucci Justice Center’s radio tower, shelter, emergency generator, and related site development costs exists. These funding sources are identified in Attachment B and include grants from the Office of Community Oriented Policing Services (COPS) and the Countywide Systems Fund. The Department is seeking your Board’s approval to negotiate and execute the necessary contracts to support the construction of the Bill Santucci Justice Center’s Emergency Communications Tower Site in accordance with the Essential Services Act of 1986 and the terms and conditions outlined in the City of Roseville’s Conditional Use Permit (2009PL-078) dated, October, 15, 2010.

In addition, the Department currently maintains two satellite systems for the OES Emergency Operation Center and the CEO’s Organizational Development Division located in the Dewitt Government Center. These systems are used to download critical Federal, State and Local Public Safety, Health Services training and communications broadcasts including the State of California’s OASIS Emergency satellite voice and data services that are only available via private satellite systems. The existing satellite facilities were temporarily relocated during the demolition of older County facilities and at the time were not sized or engineered properly to support permanent mounting infrastructure. The Department is seeking your Board’s approval to negotiate and execute the necessary contracts to support the construction of a Reinforced Concrete Satellite Dish Foundation with dish antenna pipe masts, grounding system, conduits, coaxial cabling and electronic infrastructure to support these systems. Funding for the construction of the Satellite Dish Farm is identified in Attachment C and is budgeted within the Capital Project Fund – Project No. 4816.

In order to move forward with the implementation of this portion of Phase III, Step B of the Countywide Interoperable Radio Network Project including the development of the Santucci Justice Center’s Public Safety Radio Site to support new digital radio technologies, the construction of a Reinforced Concrete Satellite Dish Farm to enhance emergency communications and continue with our efforts to implement

the final phase of the Countywide Radio Network Strategic Plan in a fiscally sound manner, your Board's approval is being requested. Efforts to secure federal and state funding for the implementation of Steps B through E will continue and the implementation of these steps will be contingent upon available funding and future approval by your Board.

**ENVIRONMENTAL**

The City of Roseville's Planning & Redevelopment Director determined that the Santucci Justice Center Emergency Communications Tower Project will not have a significant effect on the environment and therefore is exempt from the requirement of an Environmental Impact Report. On October 14, 2010 the City of Roseville's Planning Commission approved the Mitigated Negative Declaration (2009PL-078) and a Conditional Use Permit for the project. No additional environmental documentation is required.

**FISCAL IMPACT**

Funds for the acquisition of Phase III, Step B in the amount of \$505,250 are comprised of the 2009 Assistance to Firefighter's Grant as outlined in Attachment A - Step B Implementation Funding Summary. Funding for the Santucci Justice Center's Site Development costs are included in the FY04 Community Oriented Policing Services Grant (\$35,000), FY05 Community Oriented Policing Services Grant (\$50,000) and the Countywide Systems Fund (\$337,384) as outlined in Attachment B - Site Development Funding Summary. The Grant awards are reimbursement type grants. Funding to support the construction of the Satellite Dish Farm (\$130,300) is budgeted within the Capital Project Fund – Project No. 4816 (Attachment C). The requested budget revision to the Countywide Systems Fund to support these purchases is also attached.

Respectfully submitted,



Clark L. Moots  
Director of Administrative Services

- Cc: Edward Bonner, Sheriff-Coroner-Marshal  
Rui Cunha, Emergency Services Program Manager  
David Wheeler, Loomis Fire Protection District Chief  
Tony Corado, South Placer Fire Protection District Chief  
Joel Swift, Deputy Director of Facility Services  
Valerie Bayne, Administrative Services Manager  
Ron Baker, Senior Administrative Services Officer  
Sandy Hammock, Senior Administrative Services Officer  
Jim Boggan, Purchasing Manager

Attachment(s)

**ADDITIONS TO MASTER FIXED ASSET LIST  
COUNTYWIDE SYSTEMS FUND  
303010**

<u>QTY</u>	<u>DESCRIPTION</u>	<u>UNIT COST</u>	<u>TOTAL COST</u>
1	Countywide Radio Project Phase III, Step B Comprised of the South Placer Justice Center Radio Infrastructure	\$505,250	\$505,250
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	<b>Total Fixed Asset Additions</b>		<b>\$505,250</b>

**Countywide Interoperable Radio Network Project**  
**Phase III, Step B Implementation Funding Strategy**  
 Attachment A

<b>Item Description</b>	<b>Est. Cost</b>	<b>Grant</b>	<b>20% Matching</b>	<b>Countywide Systems</b>	<b>Total</b>
<b>Step B - Radio Infrastructure</b>					
Santucci Justice Center Radio Site	\$ 505,250				\$505,250
- FY09 Assistance to Firefighter Grant & 20% Matching		\$404,200	\$101,050		(\$505,250)
<b>Sub Total</b>	<b>\$ 505,250</b>	<b>\$404,200</b>	<b>\$101,050</b>	<b>\$0</b>	<b>\$0</b>

**Countywide Interoperable Radio Network Project**  
**Santucci Justice Center Site Development Funding Strategy**  
Attachment B

Item Description	Est. Cost	Grant	Countywide Systems Fund	Cellular Partner	Total
<b>Step B - Site Development Costs</b>					
Santucci Justice Center Radio Site	\$ 422,384				\$422,384
- FY04 COPS Technology Grant		\$35,000			(\$35,000)
- FY05 COPS Technology Grant		\$50,000			(\$50,000)
- FY10/11 Countywide Systems Fund			\$337,384		(\$337,384)
<b>Sub Total</b>	<b>\$ 422,384</b>	<b>\$85,000</b>	<b>\$337,384</b>		<b>\$0</b>

**Satellite Dish Farm Project  
Implementation Funding Strategy  
Attachment C**

Item Description	Unit	Est. Hours/Qty	Hourly Rate/Unit Cost	Extended
<b>Part 1: Dark Coax Cable Infrastructure</b>	1 Lot			\$ 34,000.00
System includes the following:				
2929 Richardson Drive (Justice Center)				
11260 B Avenue (Juvenile Detention Center)				
2775 Richardson Drive (Main Jail)				
3091 County Center Drive (CDRA)				
2963 Richardson Drive (FAB)				
11084 B Avenue (Children's Emergency Shelter)				
<b>Part 2: Satellite Dish Foundation</b>	1 Lot			\$ 24,000.00
Construction to support three (3) Satellite Dishes including pipe mast, associated conduit work and grounding system.				
<b>Part 3: Satellite Dish Electronics</b>	1 Lot			\$ 69,100.00
System includes the following:				
Satellite Dishes (2)				
CATV Interface				
Installation				
<b>Part 3: County Labor</b>	hr	40	\$ 80.00	\$ 3,200.00
Project management, dish alignment, Com/IT Grounding Plan and relocate OES Oasis system.				

**Total Materials & Labor**

**\$ 130,300.00**

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## FISCAL IMPACT STATEMENT

TO: Honorable Board of Supervisors

FROM: Clark L. Moots, Director of Administrative Services *CLM*  
Jerry Gamez, Assistant Director of Administrative Services *JG*

DATE: November 23, 2010

SUBJECT: **Fiscal Impact Statement**

Recommendation to Approve the Award of Two Sole Source Contracts in the Amount of \$505,250 to Motorola, Inc. and Delta Wireless to Support the Countywide Interoperable Radio Network Project, Phase B and Authorize the Director of Administrative Services and the Purchasing Manager to Take all Other Actions Necessary to Implement the Project.

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Funds for the acquisition of Phase III, Step B in the amount of \$505,250 are comprised of the 2009 Assistance to Firefighter's Grant as outlined in Attachment A - Step B Implementation Funding Summary.

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Funding to support the construction of the Satellite Dish Farm (\$130,300) is budgeted within the Capital Project Fund - Project No. 4816 (Attachment C).

The requested budget revision to the Countywide Systems Fund to support these purchases is also attached.

PAS DOCUMENT NO. \_\_\_\_\_

**BUDGET REVISION**

**POST DATE:**

- Cash Transfer Required
- Reserve Cancellation Required
- Establish Reserve Required

- Auditor-Controller
- County Executive
- Board of Supervisors

DEPT NO.	DOC TYPE	Total \$ Amount	TOTAL LINES
10	BR	1,010,500.00	3

ESTIMATED REVENUE ADJUSTMENT											APPROPRIATION ADJUSTMENT											
DEPT NO.	T/C	Rev	Fund	Sub Fund	OCA	PCA	OBJ 3	PROJ.	PROJ. DTL	AMOUNT	DEPT NO.	T/C	Rev	Fund	Sub Fund	OCA	PCA	OBJ 3	PROJ.	PROJ. DTL	AMOUNT	
10	006		250	104	303010		7232			404,200.00	10	014		250	104	303010		4451			505,250.00	
10	006		250	104	303010		8782			101,050.00												
										<b>TOTAL</b>											<b>TOTAL</b>	
										505,250.00											505,250.00	

REASON FOR REVISION:

Budget revision to add FY09 Assistance to Firefighter's Grant (\$404,200 Grant & \$101,050 Matching funds) to the Countywide Systems Fund for the Countywide Radio Project and adjust current appropriated dollars within the Countywide Radio Fund to Obj4451, Fixed Asset Purchases, to accomodate Phase III, Step B of the Countywide Interoperable Radio Network Project, Santucci Justice Center Radio Site.

Prepared by Sandy Hammock Ext 4226  
 Department Head *[Signature]*  
 Board of Supervisors \_\_\_\_\_

Date: 11/23/10  
 Page: \_\_\_\_\_

Budget Revision # \_\_\_\_\_ FOR INDIVIDUAL DEPT USE

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