

PLACER COUNTY

ADMINISTRATIVE SERVICES DEPARTMENT

MEMORANDUM

TO: Honorable Board of Supervisors

FROM: Clark L. Moots, Director of Administrative Services 

DATE: December 13, 2011

SUBJECT: Recommendation to Award a Contract in the Amount of \$246,672.84 Utilizing a Competitively Bid Public Agency Contract to Motorola, Inc. to Support the Countywide Interoperable Radio Network Project, Step D.

RECOMMENDATION/ACTION REQUESTED

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

- 1.) Approve the award of a contract utilizing the Los Angeles County Radio Communications Agreement No. MA-IS-43070-8, a competitively bid public agency contract, to Motorola, Inc. for the acquisition of digital radio infrastructure to support the Countywide Interoperable Radio Network Project, Step D;
- 2.) Authorize the Purchasing Manager to sign the resulting contract with Motorola Inc. upon County Counsel and Risk Management approval;
- 3.) Approve a Technical Budget Revision in the amount of \$132,762.84 to the Countywide Radio Project Budget Unit;
- 4.) Add the appropriate components to the Countywide Radio Project's Master Fixed Asset List;
- 5.) Authorize the Director of Administrative Services and the Purchasing Manager to take all other actions necessary to implement the project.

BACKGROUND

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.

During the past eight 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.

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

As a result of your Board's continued support of this mission critical interoperable communications project, Steps A & B are now complete and our ability to migrate non public safety users onto a "live environment" have been enhanced significantly. Planning efforts to successfully migrate these users over a 6 to 12 month period are currently underway. These users include the Department of Public Works, Transit and Animal Control.

CURRENT ISSUE

Today the Department is requesting your Board's approval of the award of a contract utilizing the Los Angeles County Radio Communications Agreement No. MA-IS-43070-8, a competitively bid public agency contract, to Motorola, Inc. for the acquisition of digital radio infrastructure to support the Countywide Interoperable Radio Network Project, Step D - Tahoe Basin Simulcast.

The Department's Radio Services Group and Motorola's Engineering Division have identified a viable upgrade solution for the legacy radio systems supporting the County's public safety agencies operating in the Lake Tahoe Basin. The proposed solution is a VHF Digital P25 Conventional Voting Multicast system that meets the Federal Communication Commission's 2013 "Narrowbanding" requirements and fully integrates with the County P25 Trunking Network.

On November 23, 2011, County staff received proposals in the amount of \$246,672.84 from Motorola, Inc. to implement the required digital radio infrastructure to support the Countywide Radio Network Project, Step D - Tahoe Basin Simulcast. Motorola's proposal is based on the Los Angeles County Radio Communications Agreement pricing structure that supplies State and local government agencies with Motorola radio equipment at a volume discount rate of 20 percent below the manufacturer's list price. In addition, Motorola has extended Placer County with an additional one-time discount in the amount of \$17,923.00.

The proposed Motorola solution meets current County Information Technology standards and is consistent with the phased implementation plan approved by your Board. The VHF Digital P25 Conventional Voting Multicast system would be implemented in lieu of an analog conventional system initially proposed during the FY2011/2012 budget process. As result of this proposal, a request to modify the Countywide Radio Project's Master Fixed Asset List is required.

In accordance with Purchasing Policy Manual 1.3(e) (3), purchases against another public agency's competitively awarded contract are exempt from competition. Motorola's Los Angeles County Radio Communications Agreement pricing proposal meets this criterion.

Therefore, in order to proceed with the implementation of this portion of Phase III, Step D of the Countywide Interoperable Radio Network Project including the necessary Technical Budget Revision in the amount of \$132,62.84 to the Countywide Radio Project Budget Unit, adding the appropriate components to the Countywide Radio Project's Master Fixed Asset List and authorize the Director of Administrative Services and the Purchasing Manager to take all other actions necessary to implement the project your Board's approval is being requested.

Efforts to secure federal and state funding for the implementation of Steps C & E will continue and the implementation of these steps will be contingent upon available funding and future approval by your Board.

FISCAL IMPACT

Funds for the acquisition of Phase III, Step D in the amount of \$246,672.84 are budgeted within the Countywide Radio Project Budget Unit (06246). The requested budget revision to the Countywide Radio Project Budget to support these purchases is also attached.

Cc: Jerry Gamez, Assistant Director of Administrative Services
Ron Baker, Senior Administrative Services Officer
Sandy Hammock, Senior Administrative Services Officer
Brett Wood, Purchasing Manager

Attachment(s)

**ADDITIONS TO MASTER FIXED ASSET LIST
COUNTYWIDE RADIO PROJECT FUND
303010**

ADD:

<u>QTY</u>	<u>DESCRIPTION</u>	<u>UNIT COST</u>	<u>TOTAL COST</u>
1	Countywide Radio Project Phase III, Step D Comprised of a VHF Digital P25 Conventional Voting Multicast System	\$246,672.84	\$246,672.84
Total Fixed Asset Additions			\$246,672.84

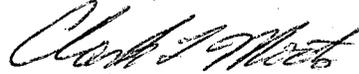
DELETE:

<u>QTY</u>	<u>DESCRIPTION</u>	<u>UNIT COST</u>	<u>TOTAL COST</u>
7	Quantar Repeaters	\$11,850.00	\$ 82,950.00
6	Consolettes XTL5000	\$ 5,160.00	\$ 30,960.00
Total Fixed Asset Deletions			\$113,910.00

FISCAL IMPACT STATEMENT

TO: Honorable Board of Supervisors

FROM: Clark L. Moots, Director of Administrative Services



DATE: December 13, 2011

SUBJECT: **Fiscal Impact Statement**

Recommendation to Award a Contract in the Amount of \$246,672.84 Utilizing a Competitively Bid Public Agency Contract to Motorola, Inc. to Support the Countywide Interoperable Radio Network Project, Step D.

The Administrative Services Department is requesting your Board's approval of the award of a contract utilizing the Los Angeles County Radio Communications Agreement No. MA-IS-43070-8, a competitively bid public agency contract, to Motorola, Inc. for the acquisition of digital radio infrastructure to support the Countywide Interoperable Radio Network Project, Step D – Tahoe Basin Simulcast.

The Department's Radio Services Group and Motorola's Engineering Division have identified a viable upgrade solution for the legacy radio systems supporting the County's public safety agencies operating in the Lake Tahoe Basin. The proposed solution is a VHF Digital P25 Conventional Voting Multicast system that meets the Federal Communication Commission's 2013 "Narrowbanding" requirements and fully integrates with the County P25 Trunking Network.

The resulting contract from this request will not exceed \$246,672.84 and funding to support the acquisition of the VHF Digital P25 Conventional Voting Multicast system is budgeted within the FY2011/2012 Countywide Radio Project's (06246) budget unit.

PLACER COUNTY

BUDGET REVISION

PAS DOCUMENT NO.

POST DATE:

DEPT NO.	DOC TYPE	Total \$ Amount	TOTAL LINES
10	BR	265,525.68	2

Cash Transfer Required

Reserve Cancellation Required

Establish Reserve Required

DD 11/23/11 Auditor-Controller

my *am* County Executive

Board of Supervisors

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	014		250	101	303010			4451			132,762.84
											10	015		250	101	303010			2555			132,762.84
TOTAL											TOTAL											
0.00											265,525.68											

REASON FOR REVISION: Technical Budget revision to increase Countywide Radio Project's FY11/12 budgeted appropriation for fixed asset purchases by \$132,762.84 for the acquisition of digital radio infrastructure to support the Countywide Radio Network Project, Step D.

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Prepared by Sandy Hammock Ext 4226

Department Head *[Signature]*

Board of Supervisors _____

Date: 11/23/11

Page: _____

Budget Revision # _____ FOR INDIVIDUAL DEPT USE