

**PLACER COUNTY**  
**ADMINISTRATIVE SERVICES DEPARTMENT**

**MEMORANDUM**

**TO:** Honorable Board of Supervisors

**FROM:** Jerry Gamez, Director of Administrative Services *J.A.*

**DATE:** November 6, 2012

**SUBJECT:** Authorize the Acquisition of Radio Test Equipment and Approve a Technical Budget Revision in the Amount of \$40,350 in Support of the Countywide Radio Network Project.

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**ACTION REQUESTED**

- A. Countywide Radio Network Project:
1. Authorize the Purchasing Manager to competitively procure a Land Mobile Radio Modulation Analyzer, with a budgeted net County cost of \$40,350, funded by the Countywide Radio Network Project Budget;
  2. Approve a technical budget revision in the amount of \$40,350 within the appropriate accounts of the Countywide Radio Project Budget;
  3. Add the Land Mobile Radio Modulation Analyzer to the Countywide Radio Network's Master Fixed Asset List.

**BACKGROUND**

The Administrative Services Department's Radio Services Group is responsible for the day-to-day operations of the County's two-way radio network including the Countywide Radio Network infrastructure. The current analog test equipment utilized by the Radio Services Group is unable to validate digital simulcast radio equipment signal quality.

The Land Mobile Radio Modulation test equipment being requested is required to properly monitor, troubleshoot and calibrate the County's new digital radio infrastructure. This test equipment will be utilized to accurately measure system timing parameters to ensure optimum system performance. In addition, the test equipment will be utilized for the completion of the System Acceptance Procedures. These procedures include signal quality levels by site, simulcast functional testing and validation of the radio network's frequency geographical coverage area.

Therefore, in order to proceed with the acquisition of the radio test equipment and the related technical budget revision in the amount of \$40,350 to support the Countywide Radio Network Project, your Board's approval is required.

**FISCAL IMPACT**

Funds for the acquisition of the Land Mobile Radio Modulation Analyzer and the requested Technical Budget Revision in the amount of \$40,350 to support the Countywide Radio Network Project are budgeted within the Countywide Radio Project Budget Unit (06246).

**Cc:** Kathy Buchanan, Deputy Director of Information Technology  
Melissa Nunnink, Administrative and Fiscal Operations Manager (WOC)  
Allison McCrossen, Budget Analyst  
Brett Wood, Purchasing Manager

Attachment

## FISCAL IMPACT STATEMENT

**TO:** Honorable Board of Supervisors

**FROM:** Melissa Nunnink, Administrative & Fiscal Operations Manager (WOC) 

**DATE:** November 6, 2012

**SUBJECT:** Authorize the Acquisition of Radio Test Equipment and Approve a Technical Budget Revision in the Amount of \$40,350 in Support of the Countywide Radio Network Project.

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Funds for the acquisition of the Land Mobile Radio Modulation Analyzer and the requested Technical Budget Revision in the amount of \$40,350 to support the Countywide Radio Network Project are budgeted within the Countywide Radio Project Budget Unit (06246). The requested technical budget revision to support this purchase is also attached.

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

1 each	Land Mobile Radio Modulation Analyzer Test Equipment	\$ 40,350
	<b>Total Fixed Asset Additions</b>	<b>\$ 40,350</b>

PLACER COUNTY

**BUDGET REVISION**

PAS DOCUMENT NO.

**POST DATE:**

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

*ms*  
*10/23/12*

- Auditor-Controller
- County Executive
- Board of Supervisors

DEPT NO.	DOC TYPE	Total \$ Amount	TOTAL LINES
10	BR	80,700.00	2

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			40,350.00
											10	015		250	101	303010			2555			40,350.00
<b>TOTAL</b>											<b>TOTAL</b>											
0.00											80,700.00											

REASON FOR REVISION: Technical Budget Revision to purchase a Land Mobile Radio Modulation Analyzer in support of the Countywide Radio Network Project; add to the equipment to the Master Fixed Asset List.

Prepared by Melissa Nunnink Ext 4208

Department Head 

Board of Supervisors \_\_\_\_\_

Date: 10/22/12

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

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