

# PLACER COUNTY

## ADMINISTRATIVE SERVICES DEPARTMENT

### MEMORANDUM

**TO:** Honorable Board of Supervisors

**FROM:** Clark L. Moots, Director of Administrative Services 

**DATE:** October 6, 2009

**SUBJECT:** Recommendation to Approve Change Order No. 1 to Contract KN020917 with Motorola, Inc. in the amount of \$57,567.95 for the Purchase of Version 7.7 Digital Radio Hardware, Approve a Technical Budget Revision to the Countywide Systems Fund and Add the Equipment to the Master Fixed Asset List.

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#### **RECOMMENDATION**

Approve Change Order No. 1 to Contract KN020917 with Motorola, Inc. in the amount of \$57,567.95 for the purchase of Version 7.7 digital radio hardware to support the Countywide Interoperable Radio Network Project; approve a Technical Budget Revision within the Countywide Systems Fund budget unit; add the appropriate components to the Countywide Systems Fund Master Fixed Asset List; and authorize the Purchasing Manager to sign the resulting Change Order in the amount of \$57,567.95.

#### **BACKGROUND**

On May 26, 2009 your Board approved the award of Contract KN020917 to Motorola, Inc. in the amount of \$998,754 for the purchase of digital radio infrastructure to support the implementation of Step B of the Countywide Interoperable Radio Network Project. Funding for the acquisition of the radio infrastructure was comprised of the Assistance to Firefighter Grant (\$462,999) and the Countywide System Fund (\$535,755).

During the Detailed Design phase for the implementation of Step B, Motorola, Inc. released a new version of hardware that supports Time Division Multiple Access (TDMA) technology. Each version level carries with it specific software and/or hardware relevant to end user feature sets and functionality. The County's current version of hardware is 7.5 and the Administrative Services Department's Radio Services Group has determined Version 7.7 to be technically compliant with County standards.

A fundamental factor in the successful implementation of an interoperable radio network solution is the availability of Public Safety radio frequencies. Radio frequencies in the Public Safety spectrum have been depleted and agencies are required to pursue the acquisition of frequencies through non-traditional avenues. TDMA technology will allow for the effective splitting of a voice path communications channel (frequency) into two communication channels, effectively doubling Placer County's system capacity without the need to obtain additional VHF frequency licenses.

Motorola, Inc has provided a proposal for the purchase of Version 7.7 hardware in the amount of \$57,567.95 and includes a 50% manufacturer promotional discount for the purchase of this upgrade if purchased as part of Step B. Our Radio Services Group has determined the proposal to be technically compliant with County standards and is in support of this purchase. However, the Change Order amount exceeds the Purchasing Manager's approval authority and per Section 2.1(g) of the County's Purchasing Policy Manual your Board's approval is required.

**FISCAL IMPACT**

The Change Order resulting from this recommendation will total \$57,567.95 and funds for the purchase of Version 7.7 hardware are available in the Countywide Systems Fund FY09/10 Budget Unit.

Cc: Ron Baker, Senior Administrative Services Officer  
Sandy Hammock, Senior Administrative Services Officer  
Jim Boggan, Purchasing Manager  
Jerry Gamez, IT Division Manager

Attachments

## FISCAL IMPACT STATEMENT

TO: Honorable Board of Supervisors

FROM: Clark L. Moots, Director of Administrative Services



DATE: October 6, 2009

SUBJECT: **Fiscal Impact Statement**

Recommendation to Approve Change Order No. 1 to Contract KN020917 with Motorola, Inc. in the amount of \$57,567.95 for the Purchase of Version 7.7 Digital Radio Hardware, Approve a Technical Budget Revision to the Countywide Systems Fund and Add the Equipment to the Master Fixed Asset List.

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The Administrative Services Department's Radio Service Group has a requirement to purchase Version 7.7 digital radio hardware to support the Countywide Interoperable Radio Network Project. Version 7.7 will allow for the effective splitting of single voice path communications channels (frequencies) into two communication channels, effectively doubling Placer County's system capacity without the need to obtain additional VHF frequency licenses.

Funding for the purchase of Version 7.7 digital radio hardware and the requested technical budget revision are budgeted within the Countywide Systems Fund's FY09/10 budget unit.

**ADDITIONS TO THE MASTER FIXED ASSET LIST**

**Countywide Systems Fund  
303010**

|        |                                    |                    |
|--------|------------------------------------|--------------------|
| 1 each | Step B, Version 7.7 Radio Hardware | <u>\$57,567.95</u> |
|        | <b>Total Fixed Asset Additions</b> | <b>\$57,567.95</b> |

|                  |
|------------------|
| PAS DOCUMENT NO. |
|------------------|

**BUDGET REVISION**

**POST DATE:**

| DEPT NO. | DOC TYPE | Total \$ Amount | TOTAL LINES |
|----------|----------|-----------------|-------------|
| 10       | BR       | 115,135.90      | 2           |

Cash Transfer Required

Reserve Cancellation Required

Establish Reserve Required

*477*

Auditor-Controller

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  |          | 303010 |     | 4451  |       |           | 57,567.95  |
|                              |     |     |      |          |     |     |       |       |           |        | 10                       | 015 |     | 250  |          | 303010 |     | 2555  |       |           | 57,567.95  |
| <b>TOTAL</b>                 |     |     |      |          |     |     |       |       |           | 0.00   | <b>TOTAL</b>             |     |     |      |          |        |     |       |       |           | 115,135.90 |

REASON FOR REVISION: Technical Budget Revision to purchase Version 7.7 Digital Radio Hardware and add the equipment to the Master Fixed Asset List.

Prepared by Melissa Nunnink Ext 4208  
 Department Head *[Signature]*  
 Board of Supervisors \_\_\_\_\_

Date: 9/19/09  
 Page: \_\_\_\_\_

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

*905*

