

MARIN EMERGENCY RADIO AUTHORITY

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DATE: December 06, 2018
TO: MERA Governing Board
FROM: Dave Jeffries, Deputy Executive Officer for the Next Gen Project
SUBJECT: AGENDA ITEM D-4: Motorola Contract Change Order #10, Radio Accessories and Portable Chargers

Recommended Action: Review, discuss, and consider approval of Motorola Contract Change Order #10.

Introduction:

This Contract Change Order addresses three related issues:

- 1) Radio Accessories to be ordered – In the initial contract, the radios equipment packages were quoted with minimal equipment and lower capability batteries. In addition, portable radio chargers were listed as an option and therefore not included in the contract cost. The differences between the contracted equipment and recommended equipment was addressed by the Governing Board on 06/28/17, Agenda item B-2.
- 2) Additional Radios – The original radio equipment estimates have been updated and now reflect 126 additional radios
- 3) Radio accessories ordered in early order #1 and early order #2.

At the Finance Committee meeting on 11/14/18, the committee recommended postponing decisions on this item until the 12/12/18 Governing Board meeting allowing the MERA Finance Committee to further review the pending change orders at their 12/06/18 meeting. A verbal update from that meeting will be provided.

This Contract Change Order involves required items.

Change Order Details:

- 1) Radio accessories to be ordered:
 - a. Portables – This includes ruggedized upgrades for fire radios, shoulder microphones, upgraded batteries, carrying cases and chargers. (1394 Portables)
 - b. Mobiles – This includes upgrading all mobiles to the APX6500 series radios as we found limitations with the SPX4500 radios. This also includes the Direct Entry Key pads (DEK) that we currently use, upgraded speakers and where needed, the dual head radios. (1014 Mobiles)

- 2) Additional Radios: Includes the additional estimated radios and needed accessories. Since the last report to this committee, we have been able to reduce this number of radios thru additional research.
- 3) Radio accessories ordered during Early Order #1, #2 and #3: This includes accessories as included in Radio accessories above and radio upgrades paid by local agencies. All of those local agency upgrade costs have been paid and received. Early Order #3 is limited to San Rafael PD portables that were overlooked in the Early Order #2 process (\$9,050.25).
- 4) Motorola has offered an increased discount if we commit to this upgrade by 12/15/2018. That discount is factored into the costs shown below. If we are unable to commit by 12/15/18, the combined costs of CCO #10 and CCO #11 will increase by \$1,029,015.48.
- 5) Following input from the Finance Committee, Motorola will prepare a formal, written change order for Governing Board consideration at the 12/12/18 meeting.

Relation to other Contract Change Orders:

None directly – however the items included are considered required for the base use of the system.

Change Order Cost: (Includes estimated taxes)

Cost Summary:

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|-------------------------------|----------------|
| 1) Upgrade to APX6500 | \$1,274,466.89 |
| 2) Radio Accessories: | \$1,443,334.95 |
| 3) Additional Radios: | \$600,769.08 |
| 4) Early Order #1. #2 and #3: | \$209,813.50 |

The cost for this Contract Change Order, after discounts, and including taxes is \$3,528,384.42

Payment Schedule:

Note – The following payment schedule is based on the current draft project schedule. This schedule will be reviewed and finalized following completion of the Subsequent EIR process as part of the Customer Design Review process. Dates are subject to change and therefore it is recommended that the payment schedules be reviewed in May/June 2019 and again in November 2019.

This Change Order is anticipated to be invoiced as a single item in Q3, 2021 assuming CCO#11 (Early Order Mobiles) is approved, otherwise it is Q2, 2022.