

**MARIN EMERGENCY RADIO AUTHORITY**

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**DATE:** November 14, 2018  
**TO:** MERA Finance Committee  
**FROM:** Dave Jeffries, Deputy Executive Officer for the Next Gen Project  
**SUBJECT:** AGENDA ITEM E: Motorola Contract Change Order #10, Radio Accessories and Portable Chargers

**Recommended Action:** Review, discuss, provide input and recommendation on 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 28 additional mobile radios and 242 additional portable radios.
- 3) Radio accessories ordered in early order #1 and early order #2.

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.
- 3) Radio accessories ordered during Early Order #1 and #2: 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.
- 4) Following input from the Finance Committee and Executive Board, Motorola will prepare a formal, written change order for Governing Board consideration at their 11/28/18 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:**

Cost Summary:

- 1) Radio Accessories: \$2,741,590 (Includes taxes of \$226,369.22)
- 2) Additional Radios: \$1,233,106.95 (Includes taxes of \$92,947.68)
- 3) Early Order #1 and #2: \$200,763.22 (Includes taxes of \$16,576.78)

The cost for this Contract Change Order, after discounts, is \$3,839,566.49. With estimated sales tax, the total cost is \$4,175,460.17.

**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.