

MARIN EMERGENCY RADIO AUTHORITY

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DATE: September 12, 2018
TO: MERA Next Generation Project Oversight Committee
FROM: Ernest Klock, Operations Officer
SUBJECT: AGENDA ITEM D: NextGen Project Motorola Contract Change Order 5
Tiburon and Mill Valley Equipment, M3 Core, PA Functionality

This Contract Change Order number five (CCO#5) covers three items associated with the design of the Next Gen System and provides for a change in components not specified in the Motorola contract. The total cost for CCO#5 is \$0, however, the value of this work is estimated to be \$4,634,821.61. A detailed description of the services, equipment, and associated costs are included in the attached CCO#5 for the MERA Next Generation Radio System (Nextgen System). Attachments in CCO#5 provide supporting documentation including post-warranty services (System Upgrade Agreement II - SUAII) scope and cost. Decisions on these items should be made prior to completing the NextGen System design, or additional costs may be incurred. All of the foregoing items were presented to the Operations Working group at the September 5, 2018 meeting and the members present indicated support for the recommendation to proceed with the CCO.

Item 1 – Tiburon and Mill Valley Additional Equipment and SUAII - \$0

Addition of equipment, design, and SUAII services is proposed at no cost for the Tiburon and Mill Valley sites. These sites were not contemplated in Motorola’s proposal and the resultant contract, however, coverage requirements were specified in the request for proposals for the NextGen System. These two additional sites were found to be necessary to provide contract coverage during early system design leading up to FCC licensing Motorola provided a letter dated February 13, 2018 describing their commitment around this item and the scope of CCO#5 is commensurate with that commitment.

Item 2 – Upgrade the Radio Core from M2 to M3 - \$0

Upgrade of the radio core from M2 to M3 is proposed with no loss in features or functionality and at no cost. The M3 core will provide future capability for connection to a backup Master Site without major hardware changes and will ensure the NextGen System radio core is consistent with surrounding Bay Area radio systems.

Item 3 – Addition of PA Functionality to Woodacre and San Rafael Dispatch - \$0

Addition of PA functionality to the Woodacre and San Rafael dispatch centers is proposed at no cost. One Conventional Channel Gateway (CCGW) will be added at each dispatch center. Installation and configuration of the CCGWs are included in this CCO#5.

Summary

If approved, CCO#5 will provide added redundancy and security for the NextGen System as well as to ensure that the system coverage requirements are met. This CCO scope includes all equipment, services,

design, warranty and post-warranty services (SUAI) necessary to implement the items described for a total cost of \$0 after discounts. Decision and/or addition of these items at a later date could expose MERA to additional costs as the design is approaching 50% and now is a good time to change directions.

Attachment 1 – February 13, 2018 Commitment Letter from Motorola

Attachment 2 – Motorola Contract Change Order #5