

**MARIN EMERGENCY RADIO AUTHORITY**

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[WWW.MERAONLINE.ORG](http://WWW.MERAONLINE.ORG)

**DATE:** March 18, 2020  
**TO:** Measure A Citizen’s Oversight Committee  
**FROM:** Dave Jeffries, Deputy Executive Officer for the Next Gen Project  
**SUBJECT:** AGENDA ITEM B: Update on Status of Next Gen System Project and Budget

Recommended Action: Review, discuss and accept report.

Background:

We are currently in Customer Design Review (CDR) with Motorola. MERA is represented in these discussions by our Federal Engineering Project Manager, David Mortimer, MERA Operations Officer Ernest Klock and me, supported by additional County and Federal Engineering staff, as needed. A few key issues:

- 1) Project Schedule – Now that CEQA has been completed, our attention turns to completing the Customer Design Review (CDR) process and an updated Project Schedule is a key component of that process. We are currently finalizing those documents and MERA has contracted with AECOM to perform a third party review of the over 60 documents involved in the CDR package. The AECOM review has already started and is estimated to take 12-13 weeks. The Governing Board approved a contract for \$192,792.
- 2) Overview of Change Orders to Date:

<b>CCO#</b>	<b>Title / Description</b>	<b>Cost</b>	<b>Status</b>	<b>Timing</b>
1	Fire Station Alerting	\$2,777,880	Approved 06/28/17	Project - \$1,912,000 SUA - \$888,888
2	Modify EOF Power Design	No Cost	Approved 09/27/17	N/A
3	Technician Training Modification	No Cost	Approved 09/27/17	N/A
4	New Motorola System Engineer	No Cost	Approved 09/27/17	N/A
5	Tiburon/Mill Valley Equipment, M3Core, PA Functionality	No CCO Cost, but \$700,000 in MERA costs.	Approved 10/24/18	No Payment Milestones
6	Sonoma Mountain and Site Readiness	\$501,615	Approved 10/24/18	Payment Milestones 20% - CDR Complete 45% - Shipment

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				25% - Installed 10% - Final System Acceptance
7	AES/DES Encryption, Radio Management, OTAP, Wi-Fi reprogramming	\$631,403	Approved 11/28/18	Payment Milestones 100% - Upon Delivery Est. Q2, 2022
8	Multi-Protocol Label Switching (MPLS) for Microwave	\$1,367,839	Approved 10/23/19	Equipment upon delivery. SUA billed in years 4 thru 15.
9	Equipment Spares (7 Items) – UEM and Zone Watch Licenses, Redundant Voice Logger Equipment, Jail Repeater BDA Backup Power, Dispatch Console Speakers, Upgrade Pagers to TDMA, NAS Backup Server, Spare VMS Server	\$214,174	Approved 10/24/18	Payment Milestones 20% - CDR Complete 45% - Shipment 25% - Installed 10% - Final System Acceptance
10	Radio Accessories and Portable Chargers	\$3,528,384	Approved 12/06/18	Payment Milestones 100% - Upon Delivery Est. Q3, 2021
11	Early Mobile Radios	\$423,313	Approved 12/06/18	Payment Milestones 100% - Upon Delivery Est. Q3, 2021

3) Project Budget – The MERA Budget and Expenditure Summary has been updated with expenditures through 11/30/2019 and also reflects the AECOM contract. The Budget Summary is attached for your review.

Attachments:

B-1 MERA Budget and Expenditure Summary, Updated 03/04/2020