

MARIN EMERGENCY RADIO AUTHORITY

c/o Novato Fire Protection District
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DATE: March 27, 2019
TO: MERA Governing Board
FROM: Dave Jeffries, Deputy Executive Officer for the Next Gen Project
SUBJECT: AGENDA ITEM B-3: Report No. 53 on Next Gen System Project

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, Ethan Simpson and me, supported by additional County and Federal Engineering staff, as needed. Activity slowed with the completion of most of the change orders and the holidays.

- 1) Recent Project Meetings and Conference Calls:
 - a. MERA Project Calls: 03/04/19, 03/18/19
 - b. Motorola Project Team: 03/07/19. 03/21/19

- 2) MERA Next Gen Budget and Expenditures
 - a. This summary was updated on 03/19/19 and is attached for your information. The current project budget is unchanged, but expenditures have been updated thru 03/11/19.

- 3) Low Income Senior Homeowner Parcel Tax Exemption
 - a. We have started our annual process of advertising this exemption that is part of the Measure A Parcel Tax Measure.
 - b. The first media release was distributed on 03/11/19 with additional releases scheduled for April and May 2019.
 - c. This exemption, because it is income based, must be applied for annually by June 1.
 - d. Copies of the media releases and application packet are attached and will be distributed at the meeting.

- 4) Overview of Change Orders to Date:

CCO#	Title / Description	Cost	Status	Timing
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

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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 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	To Be Determined	Under further review	Not yet determined
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

Attachments:

B-3a NGP Budget and Expenditure Summary, revised 03/11/19

B-3b Governing Board Update for Next Gen Project Handout – March, 2019

B-3c Next Gen System Report No 52 (EB, 03/13/19)