Marin Emergency Radio Authority [MERA]

August 24, 2022

Governing Board Communication

Agenda Item B-1

TO: **MERA Governing Board**

FROM: **Dave Jeffries, Deputy Executive Officer for the Next Gen System**

SUBJECT: **Report # 103 on the Next Gen System**

Recommended Action: For information or discussion only

Background:

1) Recent Project Meetings and Conference Calls
   a. MERA Project Calls: Bi-Weekly – Changing to MERA Executive Staff meeting
   b. Implementation Project Team Calls: Weekly
   c. Coordination Team Calls (MERA, FE, AECOM, MSI): Bi-weekly, started 08/18 (NEW)
   d. MERA Training Committee: On hiatus for summer

2) Project Schedule: This reflects the latest schedule update as of 07/31/22. As shown, there has been significant slippage that we are seeking to mitigate, however we continue to see supply chain concerns.

Description	04/28/22 Baseline	As of 07/31/22	Prior Change	Current Change
P25 Installation Complete	09/08/2023	12/05/2023	+ 0	+ 58 days
AECOM Site Work and Tower Turnover	09/25/2023	12/06/2023	+17 days	+ 42 days
Perform System Functional Testing (Start)	11/06/2023	01/02/2024	+21 days	+ 57 days
Perform CATP (Coverage Testing)	03/14/2024	05/23/2024	+19 days	+ 70 days
Cutover Complete	05/01/2024	07/12/2024	+19 days	+ 72 days
Final System Acceptance	10/08/2024	12/18/2024	+17 days	+ 71 days

3) Bid Packages:
   a. BP-1: Construction complete. Motorola has completed installations of all radio equipment, except for a few items at EOF. Microwave will be installed later.
   b. BP-1A: Construction complete, Notice of Completion filed 08/02/22. Motorola has completed the Tiburon shelter Dollar Hill shelter scheduled for completion the week of 08/22/22.
   c. BP-2: Construction in progress, Sonoma Shelter ready for Motorola.

d. BP-3: Bid Package just released, scheduled for award at the 10/22 GB meeting.
e. BP-4: Planning to bring Bid Package to 09/22 GB meeting for release.
f. BP-5: Planning to combine this into Bid Package #4.

4) Site Overview:

As of: 08/15/2022	Pre-Construction				Construction		Motorola			
Site	Pre-Bid Activity	Bid Packages	Bids Out to Bid	Bids Awarded	Start	Complete	Staging	Shelters	Towers	Accept
EOF		#1								
Civic Center		#1								
Big Rock		#2								
Mt. Tam.		#5								
Mt. Barnabe		#1								
Point Reyes		#4								
Dollar Hill		#1A								
San Pedro		#2								
Tiburon		#1A								
Sonoma Mt.		#2								
Stewarts Pt.		#1A								
Tomales		#3								
Coyote Peak		#4								
Skyview Terr.		#3								
Muir Beach		#4								
Wolfback Rdg.		#3								
OTA		#5								
Mill Valley		#3								

Completed

In progress

5) Key Project Summary Details:

a. Lease Status:
   i. All leases completed.
   ii. Mt. Tamalpais Site changing management, reviewing impacts.

b. Staffing Change:
   i. Jonathan Sprague left AECOM and the MERA project.
   ii. Clarissa Beltran, from AECOM, has replaced him as the MERA Construction Manager.

6) Project Summary Table:

Tasks Completed	**Upcoming Tasks**
1. Motorola installations at BP-1 2. Fire Station Alerting Design Review 3. Extensions of AECOM and Federal Engineering contracts 4. System Key Policy	1. Bid Awards - BP #4/5 2. Neighborhood notifications to Skyview and Mill Valley for construction 3. Develop Final Subscriber Radio Equipment order 4. Final review of Talkgroup templates
Tasks in Progress	**Next Six Months**
1. Develop agency Radio Alias schemes 2. Motorola installations at BP-1A sites 3. Training Committee Review of Motorola materials 4. Construction of BP-2 Sites 5. Obtain bids for BP-3 6. Connectivity Planning 7. Pt Reyes Site – FAA Pole deconfliction	1. Complete Motorola installs at BP-1A and 2 sites 2. Construction at BP-3 and BP-4/5 sites 3. Develop Code Plugs for NG subscriber units

7) Questions and issues regarding the Next Gen System should be referred to Deputy Executive Officer for the Next Gen System Dave Jeffries.