



Governing Board Communication

TO: MERA Governing Board
FROM: Dave Jeffries, Deputy Executive Officer for the Next Gen System
SUBJECT: Report # 114 on the Next Gen System (Accept Report)

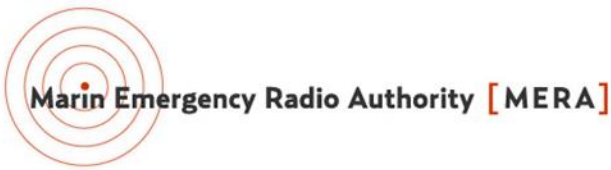
Recommended Action: For information or discussion only

Background:

- 1) Recent Project Meetings and Conference Calls (Updated)
 - a. MERA Executive Staff Calls: Bi-Weekly
 - b. Construction / Motorola / Next Gen Staff Calls: Weekly
- 2) Project Schedule: The following is based on the draft schedule dated 09/14/2023.

Description	04/28/22 Baseline	03/09/23 Update	09/14/23 Update
Site Work and Tower Turnover	09/25/2023	01/30/2024	12/29/2023
P25 Installation – Complete	09/08/2023	02/14/2024	05/14/2024
Microwave Install, Optimize and Test	10/13/2023	02/26/2024	05/09/2024
Perform System Functional Testing	12/11/2023	04/23/2024	08/09/2024
Perform CATP (Coverage Testing)	03/14/2024	07/25/2024	09/25/2024
Dispatch Site Installations – Complete	04/16/2024	08/27/2024	06/06/2024
Field User Cutover – Complete	05/01/2024	10/12/2024	10/10/2024
Final System Acceptance	10/08/2024	02/24/2025	06/30/2025

- 3) Bid Packages:
 - a. BP-1/1A: Construction complete. Motorola Installations complete.
 - b. BP-2: Construction complete.
 - i. Sonoma Mountain/Big Rock: Pending Microwave.
 - ii. San Pedro: Optimization TBD. Pending Microwave.
 - c. BP-3: Construction – (Note – All generators have arrived and installs start this week). Shelter installs start mid-October)
 - i. Skyview: (Anticipated completion: Mid-November)
 - 1. Fence and Shelter pending. Site work, electrical, generator set and monopole complete. PG&E complete.
 - ii. Mill Valley: (Anticipated completion: Mid-November)
 - 1. Fence and Shelter pending. Site work, electrical, generator set and monopole complete. PG&E complete.
 - iii. Wolfback: (Anticipated completion: Early-November)
 - 1. Shelter work in progress, PG&E work in progress. Generator delivered. Existing tower.



October 25, 2023

Stewarts Pt.	#1A								
Tomales	#3								
Coyote Peak	#4								
Skyview Terr.	#3								
Muir Beach	#4								
Wolfback Rdg.	#3								
OTA	#4								
Mill Valley	#3								
	Completed							In progress	

5) Key Project Summary Details:

- a. Code Plugs
 - i. Motorola developing Code Plugs for NG radios.
 - ii. Code Plugs includes assigning of individual radio ID numbers and system ID's for each talkgroup.
- b. Connectivity (Dispatch, FSA, Wi-Fi)
 - i. Pilot program: EOF and NPD connected, working with AT&T on 2 remaining test sites.
- c. Microwave Network – Contractor conducted site visits 10/17 and 10/18. Nokia is looking to start M/W installations next week.
- d. End User Training – Training Committee meets 11/16/23.

6) Project Summary Table:

<p style="text-align: center;"><u>Tasks Completed</u></p> <ol style="list-style-type: none"> 1. MSI submitted the Radio Order to the factory. 2. MMWD/Everest approvals received for revised Mt Tam work. 3. RF issues cleared at Wolfback. 	<p style="text-align: center;"><u>Upcoming Tasks</u></p> <ol style="list-style-type: none"> 1. Fire Station Alerting – Final Installs 2. Logging Recorder Plan development 3. Cutover Plan development 4. Complete Construction (12/2023?)
<p style="text-align: center;"><u>Tasks in Progress</u></p> <ol style="list-style-type: none"> 1. Motorola installations at BP- 2 sites 2. Training Committee Review of Motorola materials 3. Construction of BP-3 and BP-4 sites 4. Coordinate with new Fire Dispatch Center 	<p style="text-align: center;"><u>Next Six Months</u></p> <ol style="list-style-type: none"> 1. Complete End User training plan 2. Connect M/W and bring up RF sites 3. Receive Radio Order 4. Complete End User Training Program

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| <ul style="list-style-type: none"> 5. Generator Air Quality permits 6. Fire Station Alerting – Cold Install in progress. 7. Microwave Installations | |
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7) New Construction Change Orders for Bid Package #3 and #4:

No new Change Orders were presented by Fidato since your last meeting. We do anticipate additional change orders being addressed at your December Governing Board meeting.

8) Construction Support Vendors:

As part of monitoring the construction project and MERA's ability to self-permit and inspect work, MERA hired a variety of firms to perform that work. As construction nears its end, we are reviewing each contract and can safely close two of those contracts at this time.

- a. Phillips-Seabrook (Plan-Checks). This contract was originally approved for \$20,000, with an additional \$15,000 approved later in the project. At this point, we have not used Phillips-Seabrook since 10/2022. We have requested the return of our \$5,000 retainer. This retainer and the remaining balance of \$2,792.50 can be considered unencumbered and available for other project needs.
- b. Federated Indians of Graton Rancheria (FIGR) (Tribal Issues). This contract was originally approved for \$9,000, with an additional \$40,000 approved later in the project. At this point, we have not used the FIGR since June 2023 and do not anticipate any further need. The remaining balance of \$36,531.62 can be considered unencumbered and available for other project needs.
- c. Total unencumbered with this report: \$44,324.12.
- d. We anticipate releasing additional funds at the December Governing Board meeting.

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