



November 10, 2021

Executive Board Communication

Agenda Item B-1

**TO: MERA Executive Board**

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

**SUBJECT: Report # 90 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
  - b. Implementation Project Team Calls: Weekly
  - c. MERA Training Committee: Monthly
- 2) Motorola Contract Change Orders: #71,905.41. (Approved by GB on 10/27/21)
  - a. CCO #14 (Clean Up Change Order) 13 issues resolved.
- 3) Proposed Contract Change Orders for Site Construction: (Approved by GB on 10/27/21)
  - a. Bid Package 1: Mt. Barnabe Site: \$129,453.00.
    1. Motorola determined that the original design by Motorola/Infinigy did not meet code.
    2. Motorola and MERA determined that the current foundation is not on bedrock and requires additional anchors.
  - b. Bid Package 1A: Tiburon Site: \$144,352.00.
    1. After the construction contract was awarded, Motorola engineers (Arcadis) determined that the monopole tower required additional structural modifications to meet current code compliance.
- 4) PlanetBids Extension: \$4,500.00. (Approved by GB on 10/27/21)
  - a. MERA has a current one-year agreement with PlanetBids for Construction Bid support that expires 11/15/2021 for \$4,500.00. As we are still seeking Bids for upcoming Bid Packages, MERA staff is recommending a one-year extension of that agreement for \$4,635.35, expiring 11/14/2022.
  - b. PlanetBids has been successfully used in Bid Packages #1 and #1A in providing a secure and well tracked online bid platform.
- 5) 4Leaf Inspector of Record Agreement: \$9,992.00. (Approved by GB on 10/27/21)
  - a. MERA approved an agreement with Elmast at the Governing Board Meeting on 07/28/21 for \$9,200.00. Prior to MERA utilizing that agreement, Elmast

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contacted MERA and advised that as a result of some personnel departures, they were no longer able to fulfill the agreement. MERA then proceeded to find a new firm that could provide these Inspection Services. No payments have been or will be made to Elmast.

6) AFG Radio Installations:

a. Completed. During the AFG Installation process, 254 Mobile radios were installed, and 586 Portable Radios were distributed.

7) Wi-Fi Reprogramming:

a. Radio management Server was relocated last week. Connections to member agencies to allow Wi-Fi radio reprogramming to follow. Connections to MCFD locations are now active.

8) Project Schedule:

a. After review of the Arcadis schedule received earlier, AECOM developed a new Construction Schedule with the goal of completing site construction by 12/31/2022 and cutover to the Next Gen system in fall 2023. That draft schedule, which also sets document deliverable dates for Arcadis, has been completed and shared with Motorola and Arcadis.

b. Following clarification conversations between MERA and Motorola, Motorola is now working on developing an updated Project Schedule, building on the AECOM Construction Schedule.

c. A written response from Motorola is due by 11/09/21.

d. As part of this new schedule, we have combined Bid Package #4 and #5 and added the tower portion from Pt Reyes in BP#3 into an updated Bid Package #4. In general, we are moving the greenfield sites up in the schedule as what were earlier viewed as potential hurdles have been cleared and that as these new BP#4 sites are all greenfield sites, they have a longer construction phase and starting them earlier will assist with the new schedule.

9) Project Management Plan with AECOM:

a. Our Project Management Plan with AECOM has been completed and a copy was attached to GB Report #B-1 at their 10/27/2021 meeting.

10) Site Overview:

As of: 10/19/2021	Pre-Bid Activities						Bids			Construct		Staging		Installation		
	CEQA	Coastal Comm.	MALT	PGE	Assoc. Leases	Leases	Bid Packages	Bids Out to Bid	Bids Awarded	Start	Complete	Motorola	Nokia	Start	Complete	Accept
Site																
EOF	Green						#1				Yellow					
Civic Center	Green						#1				Yellow					
Big Rock	Green						#2									
Mt. Tam.	Green						3									
Mt. Barnabe	Green						#1									
Point Reyes	Green	Green					3/4									
Dollar Hill	Green						#1A									
San Pedro	Green						#2									
Tiburon	Green						#1A									
Sonoma Mt.	Green						#2									
Stewarts Pt.	Green						#1A									
Tomales	Green						4									
Coyote Peak	Green		Green				4									
Skyview Terr.	Green						4									
Muir Beach	Green	Green					4									
Wolfback Rdg.	Green			Green			3									
OTA	Green						3									
Mill Valley	Green			Green			4									
	Green	Completed				Yellow	In progress			Grey	N/A	White	Pending			

11) Key Project Summary Details:

- a. AFG Mobile Radio Installations: Completed.
- b. Construction Bid Packages:
  - i. Bid Package #1 awarded to Fidato. Construction in progress.
    1. We are near completion on the EOF and Civic Center sites.
  - ii. Bid Package #1A awarded to Fidato. Construction in progress.
  - iii. Bid Package #2 going out to bid early winter based on Arcadis schedule.
  - iv. Assessing delay due to change in engineering subcontractors.
- c. Lease Status:
  - i. Remaining Lease/Agreement issues at Pt Reyes and OTA.

- ii. Coyote Peak
  - 1. Awaiting State AG concurrence on MALT Easement.

12) Project Summary Table:

<p style="text-align: center;"><b><u>Tasks Completed</u></b></p> <ol style="list-style-type: none"> <li>1. All leases complete except Pt Reyes and OTA.</li> <li>2. AFG Installations and Portables completed.</li> <li>3. AECOM Project Plan completed.</li> </ol>	<p style="text-align: center;"><b><u>Upcoming Tasks</u></b></p> <ol style="list-style-type: none"> <li>1. Cash Flow Analysis.</li> <li>2. Motorola to begin Master Site Installation.</li> </ol>
<p style="text-align: center;"><b><u>Tasks in Progress</u></b></p> <ol style="list-style-type: none"> <li>1. Complete Site Lease Agreements.</li> <li>2. Complete Talkgroup Templates and Radio Aliases. Talkgroup/Channel Migration Plan for 400 + talkgroups and channels.</li> <li>3. Training Committee Review of Motorola materials.</li> <li>4. Construction of BP-1 and BP-1A Sites</li> <li>5. Develop updated Project Schedule.</li> </ol>	<p style="text-align: center;"><b><u>Next Six Months</u></b></p> <ol style="list-style-type: none"> <li>1. Bid Awards – BP 2-4</li> <li>2. Install Electrical Automatic Transfer Switches to existing sites.</li> </ol>

13) Effective 07/01/20, questions and issues regarding the Next Gen System should be referred to Deputy Executive Officer for the Next Gen System Dave Jeffries.

**Attachments:**

B-1A: GB Report B-1, Report #89 on the Next Gen System, 10/27/2021

B-1B: GB Report B-1, Report #88 on the Next Gen System, 09/22/2021