



December 15, 2021

Measure A Citizens Oversight Committee Communication

Agenda Item D

TO: MERA Measure A Citizens Oversight Committee

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

SUBJECT: Update on the Status of Next Gen System Project

Recommended Action: For information or discussion only

Background:

- 1) Recent Project Meetings and Conference Calls
 - a. MERA Project Team Calls: Bi-Weekly
 - b. Implementation Project Team Calls: Weekly
 - c. MERA Training Committee: Monthly
- 2) Motorola Contract Change Orders:
 - a. Contract Change Order #14: Completed
 - b. Contract Change Order amount: \$71,905.41 to address 14 separate items.
This was a combination of credits and charges.
 - c. See Governing Board Report B-2, 10/27/2021
- 3) Construction Change Orders
 - a. These primarily result from design changes from Arcadis correcting the original Fidato design work.
 - b. GB Report Item B-3, 10/27/2021: Mt. Barnabe, \$129,453 from Unappropriated Reserves
 - i. Motorola determined that the original design by Motorola/Infinigy did not meet code.
 - ii. Motorola and MERA determined that the current foundation is not on bedrock and requires additional anchors.
 - c. GB Report B-4, 10/27/2021: Tiburon, \$144,352 from Unappropriated Reserves
 - i. After the construction contract was awarded, Motorola engineers (Arcadis) determined that the monopole tower required additional structural modifications to meet current code compliance.
 - d. GB Report B-2, 11/17/2021: Bid Package #1 – Final Adjustments, \$30,675.94 from BP-1 Contingencies.
 - i. Motorola issued clarifications to the specifications that changed minor details in the circuit breaker panels, minor additional braces to antenna mounts, and some access issues that required “off-hours” work to accommodate the Court and Probation Department schedules and operations.

- ii. Another item in this Proposed Change Order Three includes credit for work that was part of the initial contract and was found to be unnecessary at Mt. Barnabe.
 - e. GB Report B-3, 11/17/2021: Stewart Point and Dollar Hill, \$126,188 from Unappropriated Reserves.
 - i. Dollar Hill Site. This is a credit resulting from the redesign of the Dollar Hill lattice tower structural upgrades. The credit is \$1,924. No adjustment to the contingency is recommended at this time.
 - ii. Stewart Point Site. Motorola reviewed the design that it provided for the Stewart Point monopole in the 2021-001A bid set that Fidato is building and found that the monopole tower structural design does not meet current code. Motorola issued revised drawings to bring the tower up to code compliance with the code, and these upgrades are included in this action item.
- 4) AFG Radio Installations:
- a. Status: Completed
 - b. 254 Mobile radios installed, and 586 Portable radios distributed.
- 5) Wi-Fi Programming:
- a. Radio Management Server installed and operational. Wi-Fi Programming set up and already used for some Fire agencies. Expanding Wi-Fi access to all agencies is in progress.
- 6) Project Schedule:
- a. Mr. Mortimer, Mr. Bagnoli and I met with Motorola on 11/29/21 to further discuss the schedule issues. As a starting point, we have agreed to develop a draft schedule based on the Arcadis delivery schedule, adding the AECOM construction schedule, and then adding the Motorola Installation and Configuration schedule. We expect the new schedule in late January 2022 for discussion.
- 7) Nokia System Staging:
- a. Nokia System Staging for the Microwave system was successfully completed as were the remaining punch list items. This closed the complete System Staging milestone and the equipment from the Motorola and Nokia Staging's has been shipped to Marin.
 - b. MERA has paid the milestone invoices for the original contract and for CCO#8, totaling \$8,717,920.44.
- 8) Project Management Plan with AECOM:
- a. Our Project Management Plan with AECOM has been completed and a copy attached to GB Report B-1, 10/27/2021.

9) Site Overview: Those sites and tasks indicated in green are completed, yellow is in progress.

As of: 07/20/2021	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			Green	Yellow			Green		
Civic Center	Green						#1			Green	Yellow			Green	Yellow	
Big Rock	Green						#2									
Mt. Tam.	Green						3									
Mt. Barnabe	Green						#1			Green	Yellow				Yellow	
Point Reyes	Green	Green					3, 4									
Dollar Hill	Green						#1A			Green						
San Pedro	Green						#2									
Tiburon	Green						#1A			Green						
Sonoma Mt.	Green						#2									
Stewarts Pt.	Green						#1A			Green						
Tomales	Green						4									
Coyote Peak	Green						4									
Skyview Terr.	Green						4									
Muir Beach	Green	Green					4									
Wolfback Rdg.	Green						3									
OTA	Green						3									
Mill Valley	Green						4									
	Green	Completed				Yellow	In progress			Grey	N/A	White	Pending			

10) Key Project Summary Details:

- a. AFG Mobile Radio Installations: Completed
- b. Construction Bid Packages:
 - i. Bid Package #1 awarded to Fidato. Nearing Completion
 1. Motorola has started installation at EOF and will eb starting at Mt. Barnabe in the near future.
 - ii. Bid Package #1A awarded to Fidato. Construction in progress.
 - iii. Bid Package #2 going out to bid late January, 2022 based on Arcadis schedule.
 - iv. Assessing delay due to change in engineering subcontractors.
- c. System Staging for Nokia was completed July 07/27-29, 2021.

11) Project Summary Table:

<p style="text-align: center;"><u>Tasks Completed</u></p> <ol style="list-style-type: none"> 1. All leases completed except OTA. 2. Complete Project Plan with AECOM. 3. Complete AFG Installs and Distribution. 	<p style="text-align: center;"><u>Upcoming Tasks</u></p> <ol style="list-style-type: none"> 1. Cash Flow Analysis.
<p style="text-align: center;"><u>Tasks in Progress</u></p> <ol style="list-style-type: none"> 1. Complete OTA Lease Agreements. 2. Complete Talkgroup Templates and Radio Aliases. 3. Training Committee Review of Motorola materials. 4. Construction of BP-1 and BP-1A Sites 5. Develop updated Project Schedule. 6. Motorola Site Installs. 7. Connectivity for Wi-Fi Programming, Dispatch Centers and Fire Station Alerting. 	<p style="text-align: center;"><u>Next Six Months</u></p> <ol style="list-style-type: none"> 1. Bid Awards – BP 2-4. 2. Install Electrical Automatic Transfer Switches to existing sites.

12) 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.