



September 15, 2021

Measure A Citizens Oversight Committee Communication

Agenda Item B

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 and Budget

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: pending – Reconciliation Change Order to address several open issues. One item still under discussion.
- 3) AFG Radio Installations: As of 08/28/21, fewer than 30 mobile radio installations were remain as well as portable radios for MMWD and USAR. The new Wi-Fi reprogramming feature, which is operational at the installation site, has already proven to be a significant time saver when radios need updated programming.
- 4) Motorola Engineering Subcontractor: Since the last COC Meeting, Motorola's design firm, Infinigy, has been replaced by Arcadis. This has created delays as the new firm was selected and got up to speed. It has resulted in additional impacts as Arcadis has been correcting previously completed Infinigy drawings, in some cases affecting sites that are currently under contract for construction.
- 5) Project Schedule: Arcadis has provided a delivery schedule for the needed drawings. AECOM is using that schedule to develop a revised construction schedule that is under review currently. That revised construction schedule will be provided to Motorola to develop a revised project schedule. The cash flow analysis will be developed after a revised schedule is received.
- 6) Nokia System Staging:
 - a. Nokia's testing was scheduled to be conducted remotely. The same team, with additional technical staff from the County Communications Division participated. A number of issues arose during the first attempt and the process was postponed to a later date. On the second attempt, the Nokia System Staging was successfully completed.
 - i. Nokia staging included 8 testing areas of normal operations as well as failure modes and multi-hour tests of data transmission

quality over several different paths. This also included verification of power levels and assigned frequencies on all of the assigned equipment.

- b. As a result of the schedule challenges involving the change in Engineering firms (see above), we added a few items related to the Arcadis effort to the punch list for the staging process. At the completion of the delayed Nokia process, all of the punch list items were also completed, and this project milestone is now considered completed. This is the largest payment milestone as part of the Motorola contract and that invoice is being finalized currently.

7) 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		
Site	CEQA	Coastal Comm.	MALT	PGE	Assoc. Leases	Leases	Bid Packages	Bids Out to Bid	Bids Awarded	Start	Complete	Motorola	Nokia	Start	Complete	Accept
EOF	█					█	#1	█	█			█	█			
Civic Center	█					█	#1	█	█			█	█			
Big Rock	█					█	#2					█	█			
Mt. Tam.	█					█	3					█	█			
Mt. Barnabe	█					█	#1	█	█			█	█			
Point Reyes	█	█				█	3					█	█			
Dollar Hill	█					█	#1A	█	█			█	█			
San Pedro	█					█	#2					█	█			
Tiburon	█					█	#1A	█	█			█	█			
Sonoma Mt.	█					█	#2					█	█			
Stewarts Pt.	█					█	#1A	█	█			█	█			
Tomales	█					█	5					█	█			
Coyote Peak	█	█	█	█	█	█	5					█	█			
Skyview Terr.	█			█		█	4					█	█			
Muir Beach	█	█		█		█	4					█	█			
Wolfback Rdg.	█			█		█	3					█	█			
OTA	█			█		█	3					█	█			
Mill Valley	█			█		█	4					█	█			
	█	Completed				█	In progress			█	N/A	█	Pending			

8) Key Project Summary Details:

- a. AFG Mobile Radio Installations: Approaching completion
- b. Construction Bid Packages:
 - i. Bid Package #1 awarded to Fidato. Construction in progress.
 - ii. Bid Package #1A awarded to Fidato. Construction in progress.
 - iii. Bid Package #2 going out to bid late fall, early winter 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.

9) Project Summary Table:

<p style="text-align: center;"><u>Tasks Completed</u></p> <ol style="list-style-type: none"> 1. Notice to Proceed (NTP) issued for BP-1 and BP-1A. 2. All leases complete except Pt Reyes and OTA. 3. Nokia Staging completed. 4. MERA Newsletter issued. 5. HVAC upgrades completed for Next Gen sites. 6. Tomales Trench and agreement completed. 7. MALT and PG&E agreements completed. 	<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 Site Lease Agreements. 2. Develop Talkgroup Templates and Radio Aliases. 3. Develop Project Plan with AECOM. 4. Training Committee Review of Motorola materials. 5. Complete AFG Radios Installs and Portable Distribution. 6. Construction of BP-1 and BP-1A Sites 7. Develop updated Project Schedule. 	<p style="text-align: center;"><u>Next Six Months</u></p> <ol style="list-style-type: none"> 1. Bid Awards – BP 2-5 2. Motorola to begin Master Site Installation. 3. Install Electrical Automatic Transfer Switches to existing sites.



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10) Budget: We are currently finalizing the latest and largest Motorola payment milestones based on the successful completion of the Staging milestones and shipping of that equipment to Marin. An updated budget summary will be provided at your next meeting.

11) 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.