



AGENDA

LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

BOARD OF DIRECTORS MEETING

Thursday, December 3, 2020 • 9:00 a.m.

Microsoft Teams Meeting*

Link: [Click here to join the meeting](#)

Call-in Number for Board Members and Public:

Telephone Number: (323) 886-6924

Conference ID: 745 796 833#

Video Conferencing Device:

493366865@t.plcm.vc

VTC Conference ID: 117 866 349 5

Los Angeles Regional Interoperable Communications System Authority (the "Authority")

AGENDA POSTED: November 25, 2020

Complete agendas are available on the Authority's website at <http://www.la-rics.org>.

***The procedures used for this Teleconference Meeting are permitted pursuant to Executive Order N-29-20 issued on March 17, 2020, by the Governor of the State of California.**

Members:

1. **Fesia Davenport**, Acting CEO, County of Los Angeles
2. **Daryl L. Osby**, Vice-Chair, Fire Chief, County of Los Angeles Fire Dept.
3. **Alex Villanueva**, Chair, Sheriff, Los Angeles County Sheriff's Dept.
4. **Cathy Chidester**, Dir., EMS Agency, County of LADHS
5. **Chris Donovan**, Fire Chief, City of El Segundo Fire Dept.
6. **Joe Ortiz**, Chief of Police, City of South Pasadena Police Dept.
7. **Mark R. Alexander**, City Manager, CA Contract Cities Assoc.
8. **Mark Fronterotta**, Chief of Police, City of Inglewood Police Dept.
9. **Chris Nunley**, Chief of Police, City of Signal Hill Police Dept.
10. **John Curley**, Chief of Police, City of Covina Police Dept.

Alternates:

John Geiger, General Manager, CEO, County of Los Angeles
Thomas Ewald, Deputy Fire Chief, County of Los Angeles Fire Dept.
Mark Glatt, Chief, Los Angeles County Sheriff's Dept.
Kay Fruhwirth, Asst., Dir., EMS Agency, County of LADHS
Vacant
Brian Solinsky, Deputy Chief, City of South Pasadena Police Dept.
Marcel Rodarte, Executive Dir., CA Contract Cities Assoc.
Ed Ridens, Deputy Chief, City of Inglewood Police Dept.
Brian Leyn, Captain, City of Signal Hill Police Dept.
David Povero, Captain, City of Covina Police Dept.

Officers:

Scott Edson, Executive Director
Arlene Barerra, County of Los Angeles Auditor-Controller
Keith Knox, County of Los Angeles, Treasurer and Tax Collector
Priscilla Dalrymple, Board Secretary



NOTE: ACTION MAY BE TAKEN ON ANY ITEM IDENTIFIED ON THE AGENDA

I. CALL TO ORDER

II. ANNOUNCE QUORUM – ROLL CALL

III. APPROVAL OF MINUTES (A)

A. November 18, 2020 – Special Minutes

Agenda Item A

IV. PUBLIC COMMENTS

V. CONSENT CALENDAR – NONE

VI. REPORTS (B-E)

B. Director's Report – Scott Edson

- Executive Summary

Agenda Item B

C. Project Manager's Report – Justin Delfino

Agenda Item C

D. Joint Operations and Technical Committee Chairs Report – No Report

E. Finance Committee Chairs Report – No Report

VII. DISCUSSION ITEMS (F-G)

F. PSBN Round 2 Implementation and Construction Update – Chris Odenthal

Agenda Item F

G. Update on Coastal Development Permit Process for Five Land Mobile Radio System Sites – Tanya Roth

Agenda Item G



VIII. ADMINISTRATIVE MATTERS (H)

H. APPROVE AMENDMENT NO. 2 TO AGREEMENT NO. LA-RICS 012 WITH SD EDSON, INC., FOR PROFESSIONAL SERVICES

It is recommended that your Board:

1. Approve Amendment No. 2 to the Professional Services Agreement with SD Edson, Inc., for Executive Director services, substantially similar in form to the Enclosure, which revises the Agreement to reflect the following:
 - a. Extend the current Term to March 25, 2023.
 - b. Revise the Term to include a one (1) year renewal option to expire on March 25, 2024, if exercised in the sole discretion of the Authority.
 - c. The existing billed hourly rate of \$111.30 and not-to-exceed amount of \$231,504 per year shall remain unchanged.
2. Authorize the Chair of the Board, or his designee, to execute Amendment No. 2, in substantially similar form to the enclosed amendment (Enclosure).

Agenda Item H

IX. MISCELLANEOUS – NONE

X. ITEMS FOR FUTURE DISCUSSION AND/OR ACTION BY THE BOARD

XI. CLOSED SESSION REPORT

1. CONFERENCE WITH LEGAL COUNSEL –Anticipated Litigation (subdivision (d) of Government Code Section 54956.9) (1 case)
2. PUBLIC EMPLOYEE PERFORMANCE EVALUATION [Government Code Section 54957(b)(1)] Title: Executive Director

XII. ADJOURNMENT AND NEXT MEETING:

Thursday, January 7, 2021, at 9:00 a.m., via Microsoft Teams / Teleconference Meeting.



BOARD MEETING INFORMATION

In accordance with Executive Order No. 25-20 on March 17, 2020 by the Governor of the State of California, this Meeting can be conducted via teleconference. Members of the public are invited to participate in the Teleconference meeting via the phone number provided above, and address the LA-RICS Authority Board on any item on the agenda prior to action by the Board on that specific item. Members of the public may also address the Board on any matter within the subject matter jurisdiction of the Board. The Board will entertain such comments during the Public Comment period. Public Comment will be limited to three (3) minutes per individual for each item addressed, unless there are more than ten (10) requests for each item, in which case the Public Comment will be limited to one (1) minute per individual. The aforementioned limitation may be waived by the Board's Chair.

(NOTE: Pursuant to Government Code Section 54954.3(b) the legislative body of a local agency may adopt reasonable regulations, including, but not limited to, regulations limiting the total amount of time allocated for public testimony on particular issues and for each individual speaker.)

It is requested that individuals who require the services of a translator contact the Board Secretary no later than the day preceding the meeting. Whenever possible, a translator will be provided. Sign language interpreters, assistive listening devices, or other auxiliary aids and/or services may be provided upon request. To ensure availability, you are advised to make your request as soon as possible. (323) 881-8291 or (323) 881-8295

SI REQUIERE SERVICIOS DE TRADUCCION, FAVOR DE NOTIFICAR LA OFICINA LO MAS PRONTO POSIBLE. (323) 881-8291 o (323) 881-8295

The meeting is recorded, and the recording is kept for 30 days.



BOARD OF DIRECTORS SPECIAL MEETING MINUTES

**LOS ANGELES REGIONAL
INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY**

Wednesday, November 18, 2020 • 9:00 a.m.
Conducted via Microsoft Teams Meeting*

Board Members Present:

Daryl L. Osby, Vice-Chair, Fire Chief, County of Los Angeles Fire Dept.
Cathy Chidester, Dir., EMS Agency, County of LADHS
Joe Ortiz, Chief of Police, City of South Pasadena Police Dept.
Mark Alexander, City Manager, CA Contract Cities Assoc.
Mark Fronterotta, Chief of Police, City of Inglewood Police Dept.
Chris Nunley, Chief of Police, City of Signal Hill Police Dept.
John Curley, Chief of Police, City of Covina Police Dept.

Alternates For Board Members Present:

John Geiger, General Manager, County of Los Angeles
Mark Glatt, Chief, Los Angeles County Sheriff's Dept.

Officers Present:

Scott Edson, LA-RICS Executive Director
Priscilla Dalrymple, LA-RICS Board Secretary

Absent:

Chris Donovan, Fire Chief, City of El Segundo Fire Dept.



NOTE: ACTION MAY BE TAKEN ON ANY ITEM IDENTIFIED ON THE AGENDA

I. CALL TO ORDER

Alternate Chair, Mark Glatt, called the Special Board meeting to order at 9:02 a.m.

II. ANNOUNCE QUORUM – Roll Call

Alternate Chair Glatt asked for a roll call and acknowledged a quorum was present.

III. APPROVAL OF MINUTES (A)

A. October 1, 2020 –Minutes

Alternate Chair Glatt asked if there were any questions or comments from the Board.

There were none.

Board Member Mark Alexander motioned first, seconded by Board Member Chris Nunley.

Ayes 9: Alexander, Chidester, Curley, Fronterotta, Geiger, Glatt, Nunley, Ortiz and Osby.

MOTION APPROVED.

IV. PUBLIC COMMENTS – NONE

V. CONSENT CALENDAR – NONE

VI. REPORTS (B-E)

B. Director's Report – Scott Edson

Executive Director Scott Edson stated he will provide an overview of LTE2 and sites 21 through 26.

LTE 2 Update

In regards to the Long Term Evolution (LTE) 2 update, Executive Director Edson stated with a successful completion of Sites 1 through 20 under the Broadband Technology Opportunity Program (BTOP) grant; the team is now awaiting formal approval from National Telecommunications and Information Administration (NTIA)/National Oceanic



and Atmospheric Administration (NOAA) of the Transfer of Assets to AT&T. The grantor informed us they are reviewing the formal request, which was submitted to them immediately following your Board's approval of the asset transfer agreement at the last Board meeting. In parallel, the teams have compiled the site documentation for Sites 1 through 20 and are wrapping up final walks with AT&T for final site acceptance of these sites. The site walks were delayed due to closure of USFS sites but with site access reopened, the team is quickly getting the walks cleared. Once the federal grantor applies their approval, the team can formally transfer these sites to AT&T for inclusion in the National Public Safety Broadband Network (NPSBN).

The team continues to work on construction of Sites 21 through 26 and Project Director Chris Odenthal will provide a detailed update on those under Agenda Item F. Executive Director Edson stated he is happy to report the team is now cleared to access the MML2 site in the forest with an updated construction schedule being finalized for that site and work continues on the other sites, except for the Port of Long Beach where the team is awaiting lease negotiations to be resolved between AT&T and the Port of Long Beach. The team is assisting with outreach between them to help achieve a lease agreement so construction can complete as this site is beneficial for the public and public safety.

LMR Update

In regards to the Land Mobile Radio (LMR) update, Executive Director Edson stated the California Department of Justice (DOJ) reached out, to better understand whom LA-RICS is. The DOJ is responsible for enforcing the FBI Criminal Justice Information Systems security policies and recently the policy was amended to include the need for an encrypted radio system to ensure no criminal justice information or personal identifiable information was broadcast in the clear. Agencies must encrypt their radio traffic or provide a plan to do so to the DOJ by December 31, 2020. Recently, one agency in the county whom is not encrypted included in their plan they will be joining LA-RICS as an early adopter and subscribing to LA-RICS as their solution for encryption. Executive Director Edson stated this is why the DOJ reached out to see learn of LA-RICS. As you know our system will be fully encrypted and the team welcomes early adopters and subscribers of course, and we certainly meet the FBI Criminal Justice Information Services (CJIS) policies and CA DOJ Policies Practices and Procedures (PPP).

Executive Director Edson stated as for the Integrated Master Schedule, the team continues to work with Motorola Solutions Inc. (MSI) to update the IMS as well as bring in additional permits. To date, with the BUR1 site-building permit just issued, the team only has 12 building permits remaining. The team has not accepted IMS submissions over the last five (5) months, as there is still some work to do to identify recovery of time lost by COVID and fires, as well as efficiencies to help recover schedule delays



as a result of those things that are out of our control. The team is close to a consensus on the schedule than we have ever been in the last six (6) months. The team is extremely hopeful is extremely hopeful an integrated master schedule in the first week of December.

In parallel, the team is working closely with the County of Los Angeles as the Spectrum Manager of the frequencies upon which LA-RICS is being built to ensure the solution to the interference with Channel 15 (Mexico) is achievable via the Los Angeles Sheriff's Department (LASD) narrow banding. The team had a good meeting with leadership from both LASD and Los Angeles County Internal Services Department (ISD) to ensure the schedule is efficiently achieved to ensure no delays impact our phase 4 activities and have the support from County leadership to ensure resources are dedicated to this time-sensitive project. Our Lead Engineer, Ted Pao will provide additional details on the frequency and licensing issues under Agenda Item G.

As far as building permits, the team has 47 in hand, one (1) additional has been submitted and are with the permitting agency, with three (3) remaining to be submitted shortly. The attention to detail and QC has greatly improved within the MSI processes.

Upon receipt of notice from the USFS supervisor the team immediately mobilized for re-engagement at ten (10) sites; unfortunately, right as forest supervisor granted access to sites, Frost Peak (FRP) was closed for the "snow season." The team continues working with MSI to identify efficiencies and compressions, however because of the fires, COVID and other delays the team has informed the grantor that certain sites originally identified for completion under the Urban Areas Security Initiative (UASI) 18 grant which closes this coming March are now moved to the UASI 19 spending plan. Among sites moved to UASI 19 are two (2) sites in the Santa Monica Mountains, which the team reported to your Board, have been appealed to the County Board of Supervisors (BOD). Deputy Program Manager Tanya Roth will provide additional details and an update under Agenda Item H.

As construction continues at LMR sites and resumes in the forest and as the team gets ready to close out the UASI 18 grant and corresponding activities, the team bring to your Board an amendment to the LMR contract to formally replace SUN site with East Sunset Ridge (ESR), extend the Bridge Warranty for the early deployment system through December 31, 2021, and memorialize certain change orders involving equipment relocation, noise continuation work required at two (2) Catalina Island sites as well as certain road work at the MML site and powder coating at Forest sites per Forest Service Decision memo requirements. These changes will be further detailed under Agenda Item K. Executive Director Edson stated thank your Board for the flexibility in accommodating this Special Meeting, given the amendment contemplated in Agenda Item K required additional time to finalize; however, could not wait until the



December regular meeting so as not to negatively impact the LMR schedule. Thank you for your continued flexibility and understanding.

Grants

In regards to Grants, the Finance Committee Chair John Geiger and Executive Director Edson had a discussion and Executive Director Edson stated there really was no need for the committee to meet at this time as the focus right now is on the activities to continue implementation per the timetables for UASI 18 and 19. Both agreed as the team move into the final year of implementation under UASI 19, the Finance Committee will re-visit subscription rate settings and Executive Director will touch on that a little later as it related to O&M. In the meantime, the team encourages all public safety user agencies, whether member or not, to sample trial use of the system under our early adopter program. Additionally, becoming an early adopter will help an unencrypted agency satisfy the DOJ requirement.

Executive Director Edson stated getting a little more specific on Grants, regarding BTOP; the team is pending formal approval of the Asset Transfer Agreement, which is expected at any moment. Executive Director Edson stated he would provide an update to your Board as soon as approval is received.

On the UASI grants, the team are underway with spending on both the UASI 18 and 19 – both awarded and open grants. Again, the team has been in communication with the grant administrators, the California Governor's Office of Emergency Services (Cal OES) and Federal Emergency Management Agency (FEMA), keeping them abreast of the program progress as well as the impacts, interference, COVID and fires have had and they understand the team continues working with MSI to identify schedule efficiencies, compressions, recoveries and accelerations to try and mitigate through these issues.

Executive Director stated the Los Angeles / Long Beach UASI held an approval authority meeting on November 10, 2020, to vote on allocations to fund grant applications for the 2021 grant year. The team has submitted an application for Operations and Maintenance of the LMR system, very similar to what Los Angeles Police Department (LAPD) and ICI submitted and were funded for in the UASI 2020 grant year. The interoperable communications-working group is scheduled to meet tomorrow, Thursday November 19, 2020, to present a funding recommendation to the Approval Authority. The team will report the status as well as any update received on the UASI 16 monitoring visit that is still pending.

Speaking of O&M, as previously reported to your Board the team is exploring retaining via professional services agreement a subject matter expert to help with the finalizing of our LA-RICS O&M scope and contract vehicle, which will include all facets of

maintenance such as Radio Frequency (RF) maintenance, Software Updates, facilities and site maintenance as well as system operations. Given this complex system and our desire to not only build the best system but also provide the best service to our users and the region, the team believes this is the best way to ensure the same. LA-RICS mission is and always has been, to minimize cost, and maximize interoperability. LA-RICS plan to bring that item to you early next year.

Executive Director Edson stated in closing let me just say the end is near, design and build are in the final stages, and the team is increasing focus now on outreach, early adopters, operations and maintenance. In 2021 will see the wrap up of construction, much early adoption and testing, with acceptance right around the corner in mid-2022. Executive Director Edson stated so much has been accomplished and he is very thankful and proud of the teams and look forward to going live with this new great system.

Board Member Cathy Chidester recommend Executive Director Edson rephrase the end is near as this kind of scared her. Chief Edson laughed.

There was no further discussion.

C. Project Manager's Report – Justin Delfino

LTE2 Highlights

Program Manager Justin Delfino presented the current status of LTE2 and stated sites 1 through 20; 75% of the sites have been accepted by FirstNet AT&T. This is a good sign and the remaining couple of sites are scheduled to do the same in the upcoming weeks, the team need to have some inspection checks in order to release/green tag couple of sites. Once these are through the team anticipates the sites will be accepted by FirstNet AT&T.

LTE2 Sites 21-26

- **MML2** - Work has been completed.
- **MNTBPD** – Work has been completed.
- **POLA1** – Missing part issue and Chris Odenthal can get into this if there is interest and this is being address this week and the team does not anticipate any delays.
- **POLA2** - Power run proposal approved by Fenix.



- **POM2** – Making good progress at this site. Work will commence once FACS makes hazardous material removal recommendation in the upcoming two (2) weeks (forecasted).

LMR Highlights

LMR PROGRAM CONSTRUCTION OVERVIEW

Program Manager Delfino provided an update on the construction overview and shared some recent successes on the LMR Program as stated below:

- All appeals periods have expired for all three (3) Catalina sites; staff is coordinating with DRP for tasks to secure CDPs.
- BUR1 and CPK are ready to issue permit (RTI). CPK is ready to start construction on November 30th and BUR1 should follow shortly after.
- Forest sites are re-opened and the USFS is considering our requests for access.
- LAN close-out manual accepted, 19 more to go for UASI 18, and are currently on track to receive.
- Several open sites in Phase 2: Nine (9) GMT, JPK2, LPC, MDI, MML, PMT, PRG, RHT, RIH and Phase 4: Six (6) GMT, JPK2, PRG, RIH, WTR, WMP.
- Phase 2 – Work completion for UASI 18 is on track for thirteen (13) site completions and ten (10) sites that had small task Phase 2 work transferred from UASI 17.

SAAs

Program Manager Delfino stated there is one (1) outstanding SAA for DPK and Deputy Program Manager Roth will address in the Coastal update in detail under Agenda Item H.

Current Focus:

Program Manager Delfino stated as Executive Director Edson mentioned the schedule is coming to a consensus and has been our focus for the last month.

- Schedule IMS resolution – PH.2 and PH.4 work have been further scrutinized. MSI has changed work durations and activity sequencing in an effort to improve schedule and map out future work.



- UASI 18 and 19 coordination with MSI.
- Re-booted closeout book process on Phase 2 and Phase 4 work with MSI.
- Technical teams' coverage on frequency migration planning and scope modification planning for West Cell is a huge focus.

Program Manager Delfino provided updates and shared site photos of what the team has been working on.

- TOP – UASI 18: Color match monopole and the site is completely installed. This is the microwave only and the shelter piece is not installed. This sites needs to go through Coastal Site Commission for approval.
- JPK2 – UASI 18: A tower standing, antennas mounted, and will be completed.
- RHT – UASI 18: Is a mega site and currently has a massive H frame, which will be removed. There is a beefy tower and migration of what the team has added. Cable trays are being utilizing to connect to an existing building. LA-RICS shelter installed as well.
- FRP – Moved to UASI 19: Site on hold due to ski season lifts. This site has been fenced off and covered in snow and will remain in the current state until the team returns to the site on April 16, 2021.
- BUR1 – Moved to UASI 19: Photo showed what the fire has done to the site. This use to be populated with a lot of oaks and now is burnt over. Construction will start shortly.
- PMT – Moved to UASI 19: This is the only solar site the team built a solar plant and are making sure this site will be completed for UASI 19 and is under construction.

This concludes the Project Manager's Report.

There was no further discussion.

D. Joint Operations and Technical Committee Chairs Report – Lt. Sven Crongeyer / Ted Pao

Lieutenant Sven Crongeyer provided an update and stated the Joint Operations and Technical Committee (Joint Committee) met yesterday and discussed the 13 Channel Analog Conventional Voice Radio System Channel Management MOU, which is



currently under review in draft form by Committee Members and will be discussed further at the next meeting. The Joint Committee also discussed for the future agenda items the bulletin by DOJ requiring encryption for all public safety agencies whom transmit personally identifiable information, which Executive Director Edson mentioned earlier in his report. In addition, the Joint Committee will discuss in more detail how LA-RICS will assist and work agencies to ensure the encryption mandate meet those requirements.

Lieutenant Crongeyer went on to state the Joint Committee also received updates on LTE and LMR build substantially similar to the update your Board just received from Program Manager Delfino.

LA-RICS Technical Lead Ted Pao stated the Regional ISSI working group meeting in October was cancelled so there is no report on this.

This concludes the Joint Operations and Technical Committee Chairs Report.

There was no further discussion.

E. Finance Committee Chair Report – No Report

VII. DISCUSSION ITEMS (F-J)

F. PSBN Round 2 Implementation and Construction Update – Chris Odenthal

Program Director Chris Odenthal presented Agenda Item F and stated Executive Director Edson and Program Manager Delfino had provided PSBN details and added a couple of relevant points as highlighted below:

- MML2 - Well on its way and is a UASI 18 site and the tower has been up for a while and the team is finishing the final pieces of the LTE side and according to the schedule; it will be done by the end of the month.
- POLB1 - The team is working with agencies surrounding the Port as well as the Port coming on negotiations with AT&T based on rent. This is the outstanding piece of this process. The LA-RICS portion of our responsibility has been completed and are now working with AT&T to advance their lease with the Port, and LA-RICS will then be contracted to build the site for them.

There was no further discussion.



G. Frequency and Licensing Issues Impacting Land Mobile Radio Deployment – Chris Odenthal and Ted Pao

LA-RICS Technical Lead Ted Pao stated on the TV interference issue the Channel 16 is still unresolved but the County is actively mitigating the interference issues with both the TV stations in San Diego and Fresno. As reported in the last board meeting, the TV station in San Diego has reduced its power output to 20% of its licensed power to mitigate interference that has caused operational issues for the Sheriff Department.

The new antenna for San Diego's TV station has been received by the TV station; however, no date has been given on when it will relocate its transmitter to the new site.

On the frequency license topic, a Special Temporary Authorizations (STA) was received for MSI to proceed forward with site testing and optimization.

There was no further discussion.

H. Update on Coastal Development Permit Process for Five Land Mobile Radio System Sites – Tanya Roth

Deputy Program Manager Tanya Roth stated for the two sites that secured Coastal Development Permits (CDP) exemptions back in May, TOP and CPK the focus remains in the field. TOP successfully completed Phase 2 with Phase 4a to commence and that was one of the photos from Program Manager Delfino report. Regarding CPK, MSI cleared permit review from earlier this month and work is scheduled for Phase 2 start on Monday November 30, 2020.

As for the two (2) sites in the Santa Monica Mountains that are subject to a full coastal development permit, Fire Station 072 and SPN, despite unanimous approval at Regional Planning Commission Hearing (RPC) in September both projects received appeals during the first appeal period, which was appealable to the Board of Supervisors (BOS). Staff is preparing for the De Novo hearing, which is scheduled for Tuesday, November 24, 2020; the team expect that Agenda to post today.

In regards to the Catalina sites Black Jack Mountain, Dakin Peak, and Tower Peak the team is so close to having the first set of CDP's. Following the unanimous RPC on September 23, 2020, all projects progressed into a two (2) step sequential appeals process. At the last Board meeting the team was mid-way through with the first appeal period and appealable to the BOS. Deputy Program Manager Roth stated today she is happy to report the first appeal period closed on October 7, 2020, with no appeals filed. With processes adjusted, public counters closed, staff, and County Coastal Commission working remote due to COVID, it has been an incredible suspenseful process. On Friday, October 30, 2020, the team received the good news directly from



the Coastal Commission Office in Long Beach that no appeals were filed in the secondary appeal period and at the County's permit was final.

Deputy Program Manager Roth stated staff is working with DRP to complete the final administrative steps, which requires fees, public postings, and title recordings with the Los Angeles County Registrar-Recorder Office. The team expects the official Coastal Development permits to be issued this month.

In regards to the building permits for the Catalina sites, MSI and staff are working closely with the County of Los Angeles Department of Public Works (DPW) to address all comments and clear all agency reviews. In preparation for staging and mobilization, which is forecasted before the year end. The teams are coordinating the logistics very closely as these three (3) sites will be the most complicated sites in the program because they are remote on an island and the continued COVID environment presents additional challenges.

Finally, the SAAs between the County and Catalina Conservancy, in which LA-RICS is a sublease, are finally shaking free. BJM and TWR are fully executed and DPK is to follow. This one was a little more complicated because it required consent from AT&T as well but AT&T's approval was secured on the design yesterday, so the SAA should now move forward.

There was no further discussion.

I. Outreach Update – Wendy Stallworth Tait and Lt. Sven Crongeyer

Executive Assistant Stallworth-Tait stated before your Board today as Agenda Item I, is the Outreach Summary for the month of October with meetings continuing with AT&T to discuss Transfer Transition logistics, Assignment and Assumption Agreements and Amendments and as stated by Executive Director Edson stated the team is close to finalizing the Asset Transfer Agreement.

Executive Assistant Stallworth-Tait went on to state Executive Director Edson attended two (2) virtual meetings: International Association of Chiefs of Police (IACP) Communication and Technology Committee Meeting and the National Sheriffs' Association (NSA) Government Affairs Committee Meeting.

Lastly, the next edition of the LA-RICS newsletter is scheduled to be released in December.

Lieutenant Crongeyer provided the agency outreach update and stated they are finishing work with CSULA Police Department and focusing on their mobile radios, which is the last piece to finish their department in preparation for onboarding. Signal



Hill Police Department mobile radios need to be updated and encryption modules and this will be the last piece to complete the onboarding process for Signal Hill Police Department as well.

In addition, the team is currently working on a new code plug for UCLA Police Department and Inglewood Police Department to solve the coverage issue around the stadium.

There was no further discussion.

VIII. ADMINISTRATIVE MATTERS (J-K)

J. APPROVE 2021 JPA BOARD MEETING SCHEDULE

Alternate Chair Glatt presented Agenda Item J for the Boards consideration and requested the Board:

Approve the following dates for the calendar year 2021 Board Regular Meeting Schedule:

January 7
February 4
March 4
April 1
May 6
June 3
July 8 (due to 4th of July Holiday)
August 5
September 2
October 7
November 4
December 2

All Regular Meetings will be held at 9:00 a.m. Pacific Time via Microsoft Teams until further notice.

Board Member Mark Alexander motioned first, seconded by Board Member John Curley.

Ayes 9: Alexander, Chidester, Curley, Fronterotta, Geiger, Glatt, Nunley, Ortiz and Osby.

MOTION APPROVED.



K. APPROVE AMENDMENT NO. 50 TO AGREEMENT NO. LA-RICS 007 FOR LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM LAND MOBILE RADIO SYSTEM

Administrative Deputy Susy Orellana-Curtiss presented Agenda Item K; requested approval for Amendment No. 50 to Agreement No. LA-RICS 007, which is the agreement with MSI for the buildout of the LMR system. Mrs. Orellana-Curtiss requested the Board make the specific California Environmental Quality Act (CEQA) finding and recommend the Board take the following actions:

1. Make the following findings with respect to the inclusion of one (1) LMR System Site and LMR Change Order Modifications:
 - a. Find that (a) approval of Amendment No. 50 to contemplate certain Change Order Modifications at one (1) LMR System site, Agoura Hills (AGH), related to the relocation of Narrowband Mobile Data Network (NMDN) equipment is within the scope of the Final Environmental Impact Report (EIR) for the Los Angeles Regional Interoperable Communications System (LA-RICS) LMR System, which was previously certified by the Board under the California Environmental Quality Act (CEQA) on March 29, 2016; and (b) that there are no changes to the project at this site or to the circumstances under which the project is undertaken that require revisions to the previous EIR due to new significant effects or substantial increase in the severity of previously identified significant effects.
 - b. Find that (a) approval of Amendment No. 50 to contemplate certain Change Order Modifications at two (2) LMR System sites, Black Jack Peak (BJM) and Tower Peak (TWR), related to the generator noise mitigation engineering assessment services work is within the scope of the Final Environmental Impact Report (EIR) for the Los Angeles Regional Interoperable Communications System (LA-RICS) LMR System, which was previously certified by the Board under the California Environmental Quality Act (CEQA) on March 29, 2016; and (b) that there are no changes to the project at these sites or to the circumstances under which the project is undertaken that require revisions to the previous EIR due to new significant effects or substantial increase in the severity of previously identified significant effects.
 - c. Find that (a) approval of Amendment No. 50 to contemplate certain Change Order Modifications at one (1) LMR System site, Magic Mountain Link (MML), related to the removal of buried boulders, concrete, and rebar is within the scope of the Final Environmental Impact Report (EIR) for the Los Angeles Regional Interoperable Communications System (LA-RICS) LMR System,



which was previously certified by the Board under the California Environmental Quality Act (CEQA) on March 29, 2016; and (b) that there are no changes to the project at this site or to the circumstances under which the project is undertaken that require revisions to the previous EIR due to new significant effects or substantial increase in the severity of previously identified significant effects.

- d. Find that (a) approval of Amendment No. 50 to contemplate certain Change Order Modifications at one (1) LMR System site, Portal Ridge (PRG) related to powder coating work, is within the scope of the design, construction, implementation, operation and maintenance activities for the LMR System previously authorized at this one (1) site, which your Board previously found statutorily exempt from review under CEQA on February 5, 2015 pursuant to Public Resources Code Section 21080.25, the exemption adopted specifically for the LA-RICS project, and any leased circuit work that may occur outside of Site PRG, if needed to provide network connectivity to the LMR System, categorically exempt under CEQA pursuant to Guidelines section 15301 (existing facilities), 15303 (new construction or conversion of small structures), and 15304 (minor alterations to land).
 - e. Find that (a) approval of Amendment No. 50 to contemplate reconciliation of one (1) LMR System site East Sunset Ridge (ESR) into the LMR System, are within the scope of Phase 2 (Site Construction and Site Modification), Phase 3 (Supply LMR Components), Phase 4 (LMR System Implementation), and exercising of the Unilateral Options to align with the current LMR System Design is within the scope of the design, construction, implementation, operation and maintenance activities for the LMR System previously authorized at this site, which your Board previously found categorically exempt from review under CEQA on July 11, 2019, pursuant to 14 Cal. Regs. ("CEQA Guidelines") §§ 15303 and 15304 as well as additionally pursuant to 14 Cal. Regs §§ 15301 for the reasons stated in this Board Letter and as noted in the record of the project.
2. Approve Amendment No. 50 (Enclosure) to Agreement No. LA-RICS 007 for a LMR System with Motorola Solutions, Inc. (Motorola), which revises the Agreement to reflect the following:
 - a. Reconciliation to replace one (1) LMR System Site Sunset Ridge (SUN) with the East Sunset Ridge (ESR) site as it relates to Phase 2 (Site Construction and Site Modification), Phase 3 (Supply LMR System Components), and Phase 4 (LMR System Implementation) for a net cost increase in the amount of \$1,293,256.



- b. Extend the LMR bridge warranty until December 31, 2021, for certain Early Deployment/Specified Equipment bridging the warranty gap for this equipment until December 31, 2021, for a cost increase in the amount of \$393,906.
 - c. Incorporate certain LMR Change Order Modifications as further described in this board letter for a total cost increase in the amount of \$375,108.
3. Authorize an increase to the Maximum Contract Sum in the amount of \$2,062,270, when taking the recommended actions into consideration from \$288,518,090 to \$290,580,360.
4. Allow for the issuance of one or more Notices to Proceed for the Work contemplated in Amendment No. 50.
5. Delegate authority to the Executive Director to execute Amendment No. 50, in substantially similar form, to the enclosed Amendment (Enclosure).

There was no further discussion on this item. Board Member Chris Nunley motioned first, seconded by Board Member Cathy Chidester.

Ayes 9: Alexander, Chidester, Curley, Fronterotta, Geiger, Glatt, Nunley, Ortiz and Osby.

MOTION APPROVED.

IX. MISCELLANEOUS – NONE

X. ITEMS FOR FUTURE DISCUSSION AND/OR ACTION BY THE BOARD

Alternate Chair Chief Glatt stated he has a request for the next JPA Board Meeting that the Board be presented a brief summary of those agencies who are able to utilize the LA-RICS system. Chief Edson stated staff would provide the Board that information.

XI. CLOSED SESSION REPORT

The Board entered into Closed Session at 9:41 am.

1. CONFERENCE WITH LEGAL COUNSEL –Anticipated Litigation (subdivision (d) of Government Code Section 54956.9) (1 cases)
2. PUBLIC EMPLOYEE PERFORMANCE EVALUATION [Government Code Section 54957(b)(1)] Title: Executive Director



The Board returned from Closed Session at 10:42 am and Counsel Truc Moore took roll call and acknowledged a quorum was present. Counsel Truc Moore stated the Brown Act does not require a report.

XII. ADJOURNMENT AND NEXT MEETING:

The Board meeting adjourned at 10:45 a.m., and the next meeting will be held on Thursday, December 3, 2020, at 9:00 a.m., via Teleconference/Microsoft Teams Meeting.

Executive Summary

December 3, 2020

LTE Update

- PSBN Round 2 – The month of October 2020 is focused on providing the necessary documentation to AT&T for acceptance of sites 1-20. This included walks with AT&T and Bechtel (AT&T's construction/implementation vendor) along with LA-RICS representatives. For sites 1-20, there were no recordable injuries, labor compliance violations, nor environmental findings on the build-out of the first twenty (20) sites. Regarding sites twenty-one through twenty-six (21-26), LA-RICS has nearly completed both POLA1 and POLA2 installations; POLA1 requires one piece of tower equipment in order to complete work pending power delivery by LADWP. POLA2 requires an additional ninety-five (95) feet of trenching to connect to the existing raceway for house power. LA-RICS and Fenix Terminal Management are coordinating the work associated with this raceway because it involves street workMML2 is on schedule to complete by the end of November. The final item for release of POM2 construction start was the review and agreement by the mitigation contractor regarding lead-based paint and asbestos. MNTBLPD encountered and overcame design difficulties early in the project stemming from existing underground utilities; after which the project was temporarily stood-down at the request of the City of Montebello over Site Access Agreement (SAA) questions. Lastly, POLB1 is now in position to prepare for construction start, since the Site Access Agreement (SAA) is agreeable between parties. LA-RICS, at the request of AT&T, has reached out to local public safety agencies to help arrive at a lease effort for this site. LA-RICS and its contractors are poised to bolster FirstNet/AT&T coverage in the region with the delivery of twenty-six (26) public safety grade LTE sites in 2020.

LMR Update

- Building Permit(s) Received – 45 Sites to date. There are thirteen (13) building permits remaining. Total site count remains at fifty-eight (58) sites.
- The May 12, 2020, IMS had indicated that all Phase 2 work would be completed in 2021, and all Phase 4 work would be completed by March 28, 2022; however in the month of June, MSI made unauthorized changes to the IMS pushing the schedule into 2023. The Authority had spent the remainder of June, July, and August focusing on the origin of the unauthorized extension. In October, MSI indicated that they have added the time due to misestimating previously. In addition, there were Force Major Delays occurred in September (Bobcat Fire) that caused delay. In addition, appeals were filed with the Department of Regional Planning and California Coastal Commission against the Saddle Peak site (SPN) and LA County Fire Station 072 site (LACF072). The MSI and LA-RICS Teams will continue to work on assuring correct logic ties are in place and all forecasted dates are accurate as well as accounting for the items causing delays. The teams are still discussing the schedule and how activities are moving in the schedule.

- Sites Eligible to Construct: (Includes Completed Sites, Sites under Construction and/or Equipment Installs and Locations).

1. APC – Junction of I-105 and I-405
2. BMT – Angeles, overlooking CA-138 and I-5
3. CCB – Compton
4. CCT – Downtown
5. CLM – Claremont
6. FCCF – 1320 Eastern Ave
7. HPK – Northern Angeles,
8. LAN – Lancaster Sherriff Station
9. LDWP243 – Junction of I-5 and CA-14
10. LASDTEM – Temple City
11. LA-RICS HQ, - Monterey Park
12. MLM – Mira Loma Detention Center
13. MMC – Palmdale – Sierra Pelona Mountain Way
14. MVS – Whittier
15. ONK – Oat Nike
16. PHN – Puente Hills
17. PLM – Palmdale
18. SDW – San Dimas Water Tank
19. TPK – Gorman
20. VPK – Verdugo Peak – Glendale
21. SGH – Signal Hill
22. MIR – Mirador
23. BKK - West Covina
24. OAT – Nike
25. AGH – Agoura Hills
26. INDWT – Industry Water Tank
27. BHS – Baldwin Hills
28. RIH – Rio Hondo
29. CRN – Cerro Negro
30. POM – Pomona Courthouse
31. DPW038 – Water Works Substation 038
32. UCLA
33. Del Valle Training Center
34. RHT – Rolling Hills Transmit
35. GMT – Grass Mountain
36. JPK2 – Johnstone Peak 2
37. PRG – Portal Ridge
38. WMP – Whitaker Middle Peak
39. WTR – Whitaker Ridge
40. LPC – Loop Canyon
41. MML – Magic Mountain Link
42. PMT – Pine Mountain
43. MDI – Mount Disappointment
44. FRP – Frost Peak
45. TOP – Topanga Peak

LA-RICS GRANT STATUS					
Grant	Award	Costs Incurred/NTP Issued	Invoiced / Paid	Remaining Balance	Performance Period
UASI 12	\$18,263,579	\$18,263,579	\$18,263,579	\$-	3/31/17
UASI 13	\$13,744,067	\$13,744,067	\$13,744,067	\$-	3/31/18
UASI 14	\$4,997,544	\$4,997,544	\$4,997,544	\$-	7/31/17
UASI 16	\$5,240,455	\$5,240,455	\$5,240,455	\$-	5/31/19
UASI 17	\$34,763,750	\$34,763,750	\$34,763,750	\$-	5/31/20
UASI 18	\$35,000,030	\$32,906,402	\$ 9,502,687	\$2,093,628	5/31/21
UASI 19	\$35,000,000	\$8,520,932	\$ 0	\$26,479,068	5/31/22
BTOP	\$149,608,227	\$149,608,227	\$149,608,227	\$ 0*	9/30/20

*\$0 Balance remaining to NTP on activities approved through Special Award Condition Amendment No. 30.

Los Angeles Regional Interoperable Communications System

PROJECT DESCRIPTION

Events of September 11, 2001 highlighted the need for first responders to be able to communicate with each other. Emergency communications primarily address local jurisdictional needs and most agencies utilize separate radio towers, equipment, and radio frequencies. LA-RICS is designed to address each of these concerns.

Currently, there is duplication of systems which leads to increased costs while continuing to inhibit first responders' ability communicate with each other. Many legacy systems around the County are obsolete and well beyond their useful life. The LA-RICS Project vision is to provide innovative solutions for the public safety community by removing barriers to interoperable voice and data communications and allow individuals and agencies to focus on accomplishing their mission with the tools necessary to provide excellent service to their communities. To accomplish this vision, the program is implementing a County-wide public safety wireless voice and data radio system for all first and secondary responders. Existing radio frequencies will be pooled, and the current infrastructure utilized wherever practical.

Design, construction, and deployment of a County-wide Land Mobile Radio (LMR) voice network utilizes 59 sites. Additionally, the Authority is analyzing twenty-six (26) sites for the purpose of augmenting the FirstNet deployment in the region. All sites in both the LMR and LTE augmentation will comply with CEQA and NEPA standards.

Project and Construction Management Services will provide network, infrastructure, project, and advisory services across four of the five program phases (Phase 5 – Maintenance is excluded) for each of the LMR and LTE projects:

- Phase 1 - System design
- Phase 2 - Site construction and modification
- Phase 3 - Supply telecommunication system components
- Phase 4 - Telecommunications system implementation
- Phase 5 - Telecommunications system maintenance

Location:

2525 Corporate Place, Suite 100
Monterey Park, CA 91754

Authority:

Los Angeles Regional Interoperable
Communications System

Management:

LA-RICS Project Team

Consultant:

Jacobs Program Management Company

Communications Vendor:

LMR - Motorola Solutions, Inc.
LTE - Motorola Solutions, Inc., David Evans
& Associates, Metrocell, Inc., Diversified
Communications, Inc, Motive Energy, Inc.
and Jitney, Inc.



Monthly Report No. 103

For November 2020

Submitted November 24, 2020

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AGENDA ITEM C

LTE UPDATES

- No new activity

Operations/Governance

- The LA-RICS Operations team is holding meetings three (3) times a week to focus on the following:
 1. Manage network migration from LA-RICS PSBN to AT&T FirstNet
 2. Ensure internal LA-RICS operational aspects are in place
 3. Develop and Implement Policies

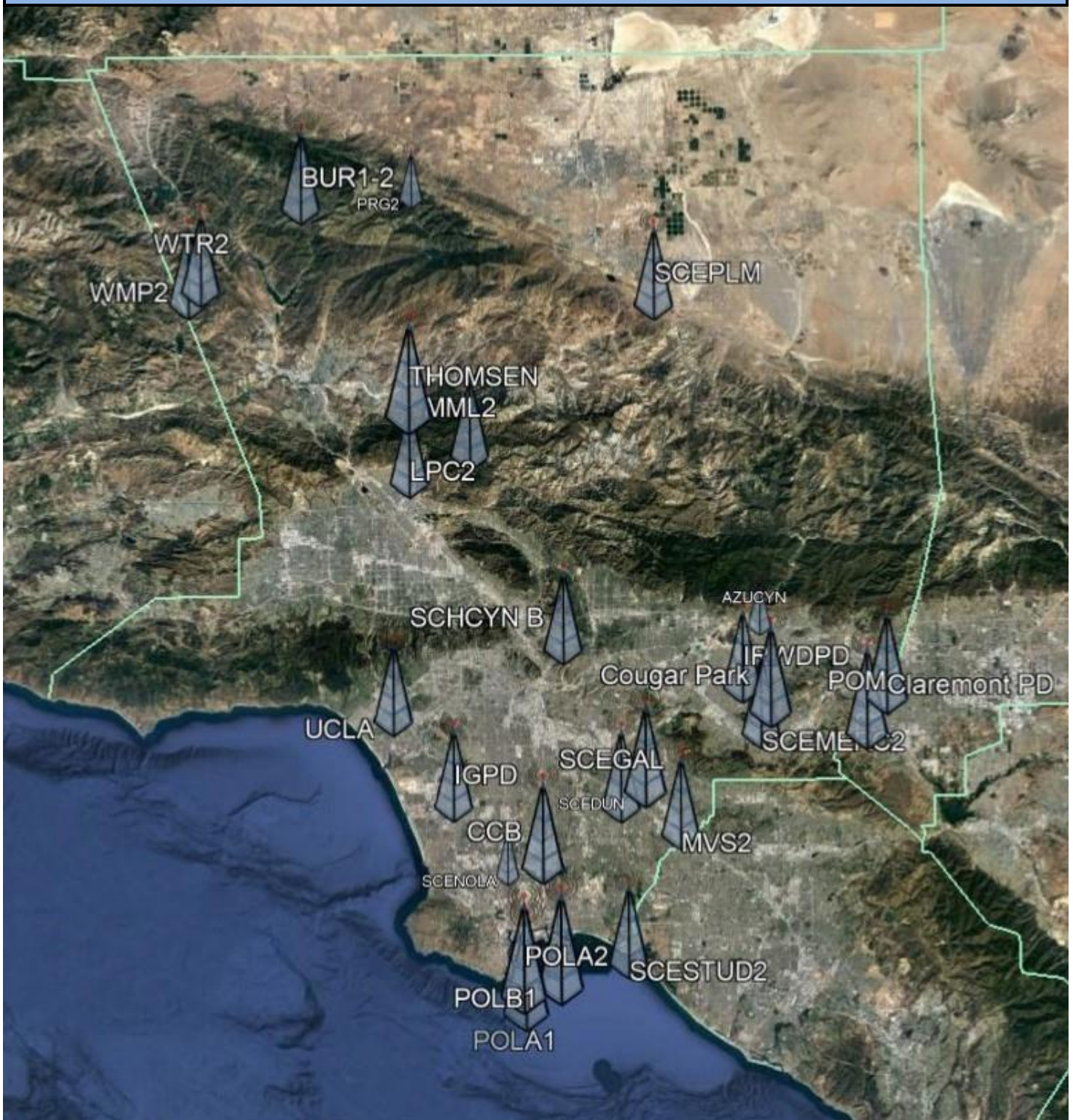
Special Events

- No new activity.

LTE Round 2 Updates

- Twenty (20) sites are substantially complete. The LA-RICS Authority successfully closed out its BTOP grant with NTIA. Work on sites twenty-one (21) through twenty-six (26) is continuing under a revised agreement with FirstNet/ AT&T.
- There are no safety issues to report on in this period.
- FirstNet AT&T is continuing to review and accept sites. 14 of the initial 20 sites have been accepted with final documentation in the forest and a few urban locations. FirstNet AT&T is moving forward with acceptance without Power and Generator Site Test activities.
- Construction has begun on sites MML2, MTBLPD, POLA1 and POLA2. The City of Long Beach and FirstNet AT&T continue negotiations to finalize the Site Access Agreement for the POLB1 Site. Therefore, LA-RICS has not yet started construction on the POLB1 site.
- The site POM2 has received direction from Judicial Council of California requiring collaboration with Forensic Analytical Consulting Services, Inc. to verify appropriate measures are taken to mitigate potential asbestos concerns associated to power conduit penetrations on the roof of the site. Forensic Analytical Consulting Services, Inc. has provided LA-RICS a Scope of Work and associated fees. This path forward will allow the Judicial Council of California required data to issue a building permit.

LTE SITES



LMR UPDATES

Environmental Update

- Continued to review PNS' and FCS' weekly and daily compliance reports, and to attend a weekly compliance status meeting. Conducted compliance visits to active construction sites.
- Have accomplished Worker Environmental Awareness Program (WEAP) training for 1,395 persons as of November 10, 2020.
- Continued to support development of and to review MSI's coastal development permitting documents, planning documents for USFS sites, and pre-con plans and checklists for sites going into construction.
- Prepared 1 NOD for actions taken during the November Board meeting.

Permitting Support

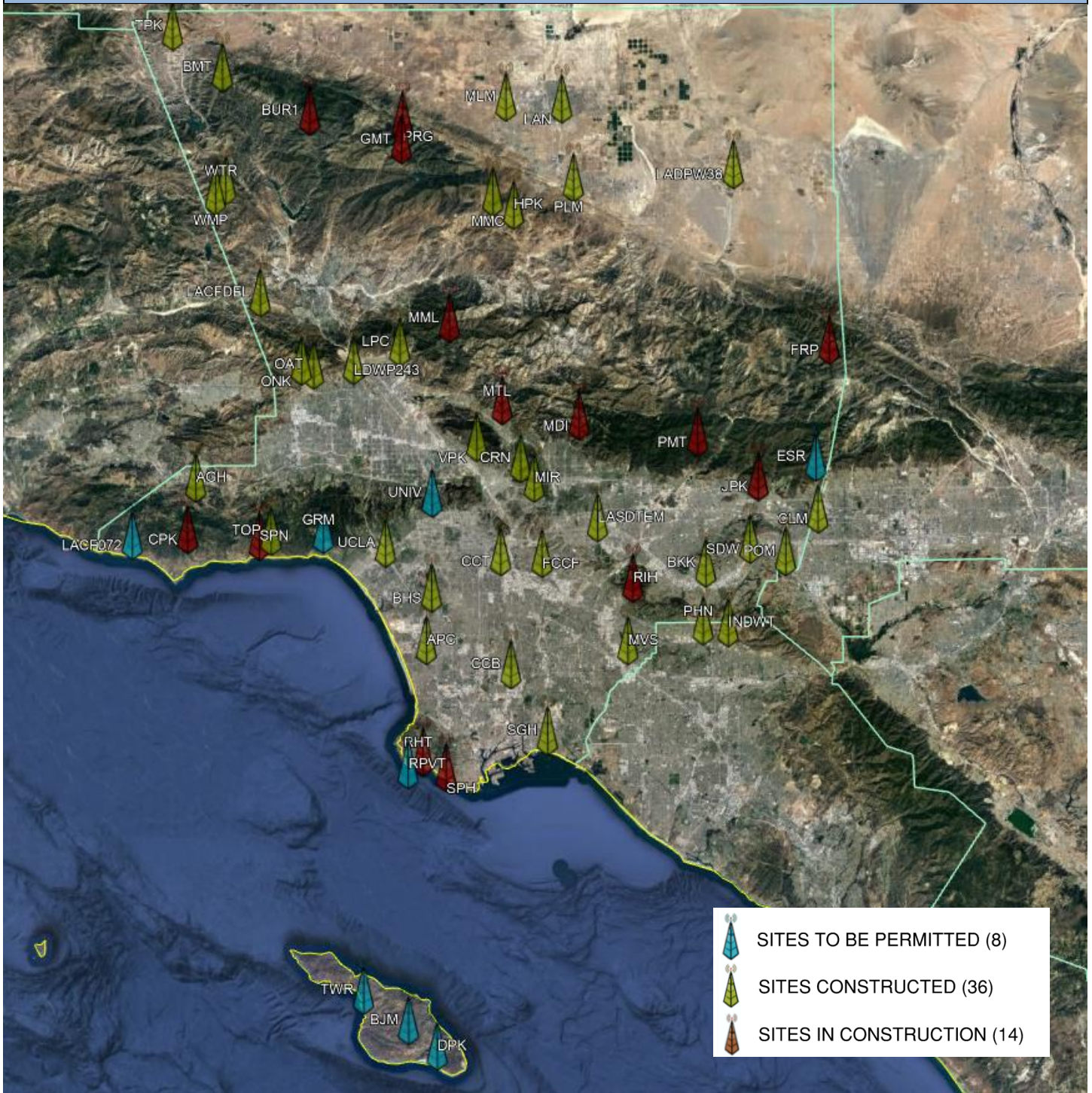
- DPW staff have been consistently engaged to provide just-in-time support for plan check activities, with a weekly dashboard being communicated between the Authority and DPW management. This cooperation has proven to reduce the drawing review cycle time and produce more specific comments which results in more accurate submissions for permitting.
- The Decision Memo for the 13 LMR sites on the ANF was issued by the Angeles National Forest (ANF) on October 31st, 2019. All 12 of the sites in the ANF subject to an LA-RICS Special Use Permit (SUP) have now been permitted by the USFS. LA-RICS was eventually exempted by the ANF from the closure order affecting the Bobcat and Lake fire areas. Access to FRP is now closed for Mountain High's winter ski season effective November 7.

Site/Civil

- The LMR program continues to make progress, although this progress is still impacted in the Forest this period. This quarter remains very active in Ph.2 work and is expected to carry through to the end of first quarter 2021. There have been several formal communication exchanges between MSI and LA-RICS in this period to address constructive change notices from MSI as well as to address program concerns from the Authority such as contractor staffing, supervision, schedule and quality control issues, as well as site specific issues that required MSI to take corrective actions. MSI has twelve (12) active sites for Phase 2 scope and 13 active sites for Phase 4 scope in November. There have been no environmental, nor USFS findings reported to date. There have been zero recordable safety incidents to date. The May Program schedule (IMS) dated 5/12/2020 showed an overall finish date of 5/28/2022, however on October 13th, 2020 MSI introduced a new finish date extending more than nine months with little justification for the dramatic move. This action triggered a rejection of the October 13th Integrated Master Schedule (IMS) submission. As the finish date of the program was still not recovered to March of 2020 where it previously had been established and accepted by the Authority, the schedule will not be approved until Motorola can provide justification for the new dates and/or a recovery schedule. The Authority continues to communicate to MSI that finishing beyond the previously accepted March 2022 date is not acceptable and together LA-RICS and MSI must still work to identify those efficiencies that will allow a mutually agreeable end date, as well as a pathway to it, despite the excusable delays from fires and other events in third and fourth quarters. MSI has submitted two additional IMS "Working Session" version which still do not capture all of the corrections and changes discussed on the multiple joint working session meetings between the Authority and MSI. To date the Authority has sent five (5) non-compliance letters to MSI regarding more than two thousand (2,000) items that are late in the schedule. Specifically, since May the schedule shows that the LMR Program is now one hundred ninety four (194) days late three hundred eighty three (383) activities added duration, seventy five (75) of which are twenty (20) days, or greater.
- Fifty (55) building permit applications have been made to date (LACFDEL, PHN, BMT, HPK, LDWP243, LASDTEM, FCCF, APC, CCB, CCT, PLM, MLM, MVS, ONK, LARICSHQ, CLM, MMC, TPK, VPK, POM, LAN, CRN, SDW, SGH, DPW038, OAT, UCLA, INDWT, AGH, BKK, MIR, BHS, FRP, GMT, JPK2, LPC, MDI, MML, PMT, PRG, WMP, WTR, RIH, RHT, CPK, UNIV, GRM, TOP, MTL2 and LACF072) and forty-nine (49) of the fifty-five (55) sites have permits issued to date. MSI has elected to split permits at a number of project sites in the program for various reasons. An example of splitting the Ph. 2 scope into multiple permits is at RHT, where there is a "civil work" building permit issued, but the antenna support structure scope is an entirely separate permit and the electrical distribution scope is also a separate permit. The three sites remaining to enter the Building Permit process are SPH, SPN, and RELAY and are all expected to enter the permit process before the end of the calendar year.
- As of 11/23/2020 there are fifty-six (56) executed SAA's.
- Those sites remaining are ESR and DPK.

- In the month of November 2020 MSI and the Authority have agreed once again to fast track drawing reviews by skipping the normally required interval submissions in favor of group commenting sessions. MSI feels that this is the best method given its resources, to process the Ph.1 work to completion and submit to plan check. Over twenty-six (26) sites have power at this time and the Authority is closely tracking site optimization with MSI and has noted that MSI is behind on-site optimization given the available pool of candidate sites that the site technicians could be completing the work. Frequency usage and narrow-banding remain focal items for the LMR Program throughout the month of November while the Sheriff works to complete narrow-banding by the end of December 2020. Outreach to Signal Hill PD and Covina PD has been conducted based on discussions at the JPA Board meeting in August 2020. Potential new requirements for Covina are being vetted to ensure seamless operation on LA-RICS LMR System. System interference on Ch. 16 is still being investigated by the Sheriff's Department along with the technical liaisons from LA-RICS. The coordination between LASD and LA-RICS is critical to ensure that frequencies are available for testing and operating the Analog Conventional System (ACVRS) particularly. Regarding schedule, MSI identified in Monthly Report No. 85 that the cut-over durations have been an area of focus in the schedule. The Authority acknowledges that the cut-over process and its increase in duration is a factor contributing to the overall push out of the IMS starting in the Month of June, however more significant issues have surfaced. In calendar year 2020 there have been effects of COVID 19 that have negatively impacted the Program, in addition, the "Lake" and "Bobcat" fires have burned hundreds of thousands of acres triggering a shutdown of the forest and nearly two months of delay.

LMR SITES





Monthly Report #87

Reporting Period: 10/22/2020 thru 11/18/2020

**Los Angeles Regional Interoperable Communications
System (LA-RICS) - Land Mobile Radio System**

Motorola Solutions, Inc.



MOTOROLA SOLUTIONS

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1. Executive Summary

The Los Angeles Regional Interoperable Communications System Land Mobile Radio (LA-RICS LMR) program consists of the following five (5) phases; Phase 1 LMR System Design, Phase 2 LMR Site Construction and Site Modifications, Phase 3 Supply LMR System Components, Phase 4 LMR System Implementation, and Phase 5 LMR System Maintenance. Phases 1-4 span over a five (5) year period which includes one (1) year of system warranty. Phase 5 provides the Authority with fifteen (15) one year options for Motorola Solutions Inc. (MSI) to provide system monitoring and maintenance services.

The LA-RICS LMR program is currently in Phase 1 LMR System Design, Phase 2 Site Construction and Site Modifications, and Phase 3 Supply LMR System Components. Notices-To-Proceed numbers 1 through 16 have been issued authorizing distinct work for system Design services, the design and implementation of the initial deployment of the LMR system elements termed “Early Equipment”, “Specified Equipment and System on Wheels”, and “Station B Equipment”, “Frequency Licensing”, “UPS System”, and “Portable Radios, Consolettes and Consoles”, “Portable Radio Equipment”, alternate sites “Project Descriptions”, “Frequency Licensing for the Base System”, “Bridge Warrant for Early”, “Retuning of SOW & Station B UHF Frequencies”, “Project descriptions for Nine Potential Replacement Sites” and “LMR System Redesign and Relocation of Core 2”.

On April 25 the Authority executed **Amendment 17** to make necessary changes to Phase 1 for additional project descriptions, to make changes to reflect the Work in the applicable Phases for the change in the number of sites in the LMR system, to exercise the Unilateral Options for all Work pertaining to Phases 2-4.

On April 27, 2016 the Authority issued **NTP17** authorizing specific Work related Phases 2, 3, and 4 for ten (10) LMR sites.

On May 4, 2016 the Authority executed **Amendment 18** to make necessary changes to Phase 1 for additional project descriptions and to make adjustments to Phase 1 services to accommodate additional sites.

On May 5, 2016 the Authority Board of Directors approved **Amendment 19** to remove one (1) site from the system and to reconcile equipment quantities for certain LMR sites. **Amendment 19** was executed with an effective date of May 5, 2016.

On June 2, 2016 the Authority issued **NTP18** authorizing Work to develop Project Descriptions for two LMR sites.

On September 8, 2016 the Authority Board of Directors approved **Amendment 20** to reconcile nine (9) LMR Sites to reflect the updated LMR System Design, inclusion of 3D modeling drawings, and remove certain Site Lease Exhibits from the contract.

On October 6, 2016 the Authority Board of Directors approved **Amendment 21** to reconcile ten (10) LMR sites to reflect the updated LMR System Design, replace one (1) LMR site with a new site, remove five (5) Project Descriptions from the contract, and make administrative cost changes to one (1) LMR site.

On October 11, 2016 the Authority issued **NTP 19** authorizing specified Work related to Phases 2-4 for nine (9) LMR sites.

On November 3, 2016 the Authority Board of Directors approved **Amendment 22** to reconcile three (3) LMR sites to reflect the updated LMR System Design and to make administrative changes to Exhibit F (Administration of Agreement). On December 12, 2016 the Authority issued **NTP 20** authorizing specified Work related to Phases 2-4 for two (2) replacement LMR sites along with Special Operations Testing for DTVRS, ACVRS, LARTCS, and NMDN.

On December 12, 2016 the Authority Board of Directors approved **Amendment 23** to authorize specified Work related to Phases 2-4 for ten (10) LMR sites.

On December 2, 2016 the Authority issued **NTP 20** authorizing Phase 2-4 work at two (2) sites; and specified pre-installation acceptance testing for DTVRS, ACVRS, LARTCS, NMDN, and final core staging and SOT Prep.

On December 19, 2016 the Authority issued **NTP 21** authorizing specified Work related to Phases 2-4 for Six (6) LMR sites; all remaining work in Phase 2-4 at one (1) site; and all work related to ACVRS equipment in Phase 3 for six (6) sites.

On January 12, 2017 the Authority Board of Directors approved **Amendment 24** reconciling the following five (5) LMR System Sites (CLM, LACFDEL, LARICSHQ, WMP, and WTR) to align with the updated System Design.

On March 2, 2017 the Authority Board of Directors approved **Amendment 25** reconciling the following six (6) LMR System Sites (AGH, VPK, BMT, CRN, MVS, and ONK) to align with the updated System Design. This Amendment also acknowledges three (3) sites (BHS, DPW38, and RPV1) into the scope of Phases 2, 3, and 4 to align with the updated LMR System Design.

On March 31, 2017 the Authority issued a Supplemental **NTP 21** authorizing specified Work related to Phases 2-4 for Seven (7) LMR sites (AGH, CRN, MVS, ONK, TPK, VPK, and LDWP243).

On April 6, 2017 the Authority Board of Directors approved **Amendment 26** reconciling the following seven (7) LMR System Sites (BUR1, JPK2, LPC, MDI, MML, MTL2, and PRG) to align with the updated System Design. This Amendment also acknowledges one (1) site (LAN) into the scope of Phases 2, 3, and 4 to align with the updated LMR System Design.

On June 1, 2017 the Authority Board of Directors approved **Amendment 27** reconciling the following two (2) LMR System Sites (FRP and PLM) to align with the updated System Design. This Amendment also includes two (2) sites (BKK and UCLA) into the scope of Phases 2, 3, and 4 to align with the updated LMR System Design.

On June 29, 2017 the Authority issued **NTP 22** authorizing specified Work related to work for Task A.1.9.1 (Mitigation Monitoring and Reporting Plan (MMRP)).

On August 3, 2017 the Authority Board of Directors approved **Amendment 28** reconciling one (1) LMR

System Site (BMT) to align with the updated System Design.

On September 7, 2017 the Authority Board of Directors approved **Amendment 29** reconciling one (1) LMR System Site (POM) to align with the updated System Design and to make changes necessary to reflect LMR Change Order Modifications.

On September 14, 2017 the Authority issued **NTP 23** authorizing specified Work related to Phases 2-4 for Five (5) LMR sites.

On September 25, 2017 the Authority issued **NTP 24** authorizing specified Work related to Phases 2-4 for Five (5) LMR sites.

On November 9, 2017 the Authority Board of Directors approved **Amendment 30** reconciling seven (7) LMR System Sites (BUR1/DPW38/FRP/JPK1/MIR/MML/RHT) to reflect the updated LMR System Design for these sites. This Amendment also includes one (1) LMR System Site (UNIV) into the scope of Phases 2, 3, and 4 to align WITH THE UPDATED LMR SYSTEM Design.

On December 20, 2017 the Authority issued **NTP 25** authorizing specified Work related to Phases 2-4 for Eighteen (18) LMR sites – with the exception of ACRVS and NMDN equipment order. This NTP also authorized Motorola to proceed with Work for Task 6 Multiprotocol Label Switching (MPLS) Mobile Backhaul.

On February 28, 2018 the Oversight Committee approved **Amendment 31** approving Change Order Modifications in the amount of \$19,573.00.

On March 6, 2018 the Authority Board of Directors approved **Amendment 32** reconciling three (3) LMR System Sites to align with the updated LMR System Design for a cost decrease in the amount of \$4,131,931; (b) a cost neutral administrative reconciliation in connection with the Narrowband Mobile Data Network (NMDN) Subsystem to align all corresponding per site NMDN costs to a single line item cost, impacting thirty-three (33) LMR System Sites; (c) decrease the Maximum Contract Sum by \$4,131,931 from \$300,051,310 to \$295,919,379 when taking the cost decrease into consideration; and (d) make other certain changes as set forth in this Amendment No. 32.

On May 30, 2018 the Authority Board of Directors approved **Amendment 33** to make changes necessary to reflect (a) certain LMR Change Order Modifications for a cost increase in the amount of \$17,490.

On June 15, 2018 the Authority issued **NTP 26** authorizing all Work related to Phases 3 for Twelve (12) LMR sites – with the exception of the Phase 3 ACRVS equipment which was previously captured in NTP25. This NTP also authorized Motorola to proceed with Work for Task 6 Multiprotocol Label Switching (MPLS) Mobile Backhaul.

On July 31, 2018 the Authority Board of Directors approved **Amendment 34** to make changes necessary to reflect (a) the inclusion of one (1) LMR System Site into the scope of Phase 2 (Site Construction and Site Modification), Phase 3 (Supply LMR Components), Phase 4 (LMR System Implementation), and exercise the Unilateral Options of the same, to align with the updated LMR System Design for a cost increase in the amount of \$1,016,780; (b) certain LMR Change Order Modifications for a cost increase in the amount of \$90,744; (c) the removal of certain Authority equipment, in particular an Uninterruptible Power Supply

(UPS), from the Los Angeles Police Department's Valley Dispatch Center (LAPDVDC) for a cost increase in the amount of \$6,010; (d) an extension of a bridge warranty for the certain Early Deployment/Specified Equipment purchased and deployed under previously approved Amendments to bridge the warranty gap for this equipment until December 31, 2019, for a cost increase in the amount of \$430,800; (e) increase the Maximum Contract Sum by \$1,544,334 from \$295,936,869 to \$297,481,203 when taking the cost increase into consideration; and (f) make other certain changes as set forth in this Amendment No. 34.

On August 28, 2018 the Authority issued **NTP 27** authorizing Work related to Phases 2-4 for the LMR INDWT LMR site, extension of the bridge warranty for certain deployed/specified equipment under previously approved Amendments until December 31, 2019.

On October 11, 2018 the Authority Board of Directors approved **Amendment 35** to make changes necessary to reflect (a) the reconciliation of one (1) LMR System Site Olinda (OLI) from the scope of Phase 1 (System Design), Phase 2 (Site Construction and Site Modification), Phase 3 (Supply LMR System Components), and Phase 4 (LMR System Implementation), respectively, and all associated Work of the same for a cost decrease in the amount of \$701,234; (b) the inclusion of one (1) LMR System Site Winding Way (WWY) into the scope of Phase 2 (Site Construction and Site Modification), Phase 3 (Supply LMR Components), Phase 4 (LMR System Implementation), and exercise the Unilateral Options of the same, to align with the updated LMR System Design for a cost increase in the amount of 1,064,388; (c) certain LMR Change Order Modifications for a cost increase in the amount of \$13,115 (d) make changes necessary to reflect an administrative reconciliation, a reconciliation related to the removal of certain Authority equipment, in particular an Uninterruptible Power Supply (UPS), from the Los Angeles Police Department's Valley Dispatch Center (LAPDVDC) for a cost increase in the amount of \$601; (e) increase the Maximum Contract Sum by \$376,870 from \$297,481,203 to \$297,858,073 when taking the cost decrease and increase into consideration; and (f) make other certain changes set forth in this Amendment No. 35.

On November 1, 2018 the Authority Board of Directors approved **Amendment 36** to make changes necessary to reflect (a) the reconciliation of five (5) LMR System Sites to align with the updated LMR System Design; (b) the inclusion of one (1) LMR System Site San Pedro Hill (SPH) into the scope of Phase 2 (Site Construction and Site Modification), Phase 3(Supply LMR Components), Phase 4 (LMR System Implementation), exercising the Unilateral Options of the same, to align with the updated LMR System Design; (c) incorporate an LMR Change Order Modification; (d) increase the Maximum Contract Sum by \$311,442 from \$297,858,073 to \$298,169,515 when taking the cost decreases and increases into consideration; and (e) make other certain changes as set forth in this Amendment No. 36.

On December 20, 2018 the Authority issued **NTP 28** authorizing Work related to Phases 2-4 for seventeen (17) sites – BJM, DPK, GMT, GRM, LPC, MDI, MTL2, PRG, PMT, RIH, RPV1, SPH, SPN, TWR, WMP, WTR, and WWY. This amendment reiterated the directive to suspend the purchase of UHF DTVRS equipment and corresponding work tied to the UHF DTVRS equipment.

On February 26, 2019 the Authority Board of Directors approved **Amendment 37** to make changes necessary to reflect (a) incorporate certain LMR Change Order Modifications for a cost increase in the amount of \$56,337; (b) increase the Maximum Contract Sum by \$56,337 from \$298,169,515 to \$298,255,852 when taking the cost increases into consideration; and (c) make other certain changes as

set forth in this Amendment No. 37.

On June 11, 2019 LARICS executed **Amendment 38** to make changes necessary to reflect (a) incorporate certain LMR Change Order Modifications resulting in a net cost decrease in the amount of \$47,393; (b) decrease the Maximum Contract Sum by \$47,393 from \$298,225,852 to \$298,178,459 when taking the cost increases and decreases into consideration; and (c) make other certain changes as set forth in this Amendment No. 38.

On 1 August 2019, the Authority Board of Directors approved **Amendments 39 and 40**. **Amendment 39** makes changes necessary to (a) reflect a reconciliation related to the Narrowband Mobile Data Network (NMDN) Subsystem resulting in a cost decrease in the amount of \$720,207, (b) incorporate certain LMR Change Order Modifications as further described in this Amendment No. 39 that results in a cost increase in the amount of \$73,606, (c) decrease the Maximum Contract Sum by \$646,601 from \$298,178,459 to \$297,531,858 when taking the cost increase and decrease into consideration, and (d) make other certain changes as set forth in this **Amendment No. 39**. **Amendment 40** makes changes to (a) remove Lower Encinal Pump Station (LEPS) and Winding Way (WWY) Phase 2 through Phase 4 scope, (b) incorporate certain LMR Change Order Modifications for a cost decrease in the amount of \$10,920, (c) decrease the Maximum Contract Sum by \$1,261,169 from \$297,531,858 to \$296,270,689 when taking the cost increase and decrease into consideration, (d) incorporation of Channel 15 and Channel 16 Interference Mitigation into LMR System Specifications, and (e) make other certain changes as set forth in this **Amendment No. 40**.

On 3 October 2019, the Authority Board of Directors approved **Amendment 41**. **Amendment 41** makes changes necessary to (a) incorporate Land Mobile Radio (LMR) Change Order Modifications for a cost increase in the amount of \$255,975 as further described in this **Amendment 41**, and (b) increase Maximum Contract Sum in the amount \$255,975 from \$296,270,689 to \$296,526,664 when taking the cost increase into consideration.

On 15 January 2020, the Authority Board of Directors approved **Amendment 42**. **Amendment 42** makes changes necessary to (a) revise Exhibit B.1, Section 4.1 (Acceptance Testing), (b) revise Exhibit C.1 (LMR System Payment Summary) to reflect the payment revisions contemplated in this **Amendment 42**, (c) revise Exhibit C.4 (Phase 3 – Supply LMR System Components) to reflect the reduction in certain Pre-Installation Acceptance Test costs, (d) revise Exhibit C.5 (Phase 4 – LMR System Implementation) to reflect reduction in costs in connection with the modified ATP, (e) revise Exhibit C.16 (LMR Mitigation Monitoring and Reporting Plan [MMRP]) to reflect collective amounts for LMR Monitoring, Surveys, and Reporting Tasks and LMR Contingency Tasks, (f) revise Exhibit C (Schedule of Payments) to include Exhibit C.20 (LMR Bridge Warranty), and (g) revise Exhibit D (LMR System Maintenance and Warranty), Section 9, replacing it with Bridge Warranty for Specified Equipment included in this **Amendment 42**, (h) revise Exhibit D.2.1 (Motorola Customer Support Plan) to reflect updated information which is incorporated in this **Amendment 42**, and (i) revise Base Document, Section 8.1 (Maximum Contract Sum and Contract Sum – General) by a decrease in Maximum Contract Sum in the amount \$6,445,029 from \$296,526,664 to \$290,081,636 when taking the cost decrease into consideration.

On 5 March 2020, the Authority Board of Directors approved **Amendment 43**. **Amendment 43** makes changes necessary to (a) reflect a reconciliation of certain equipment reductions which results in a cost

decrease in the amount of \$50,313 (b) incorporate certain LMR Change Order Modifications for three microwave links that results in a cost increase in the amount of \$185,344; (c) increase the Maximum Contract Sum by \$135,031 from \$290,081,635 to \$290,216,666 when taking aforementioned actions and costs into consideration; and (d) make other certain changes as set forth in this **Amendment No. 43**.

On 26 March 2020, the Authority Board of Directors approved **Amendment 44**. **Amendment 44** revises the Agreement to reflect a reconciliation of certain LMR Change Order Modifications for a cost increase in the amount of \$2,609, increasing the Maximum Contract Sum from \$290,216,666 to \$290,219,275.

On April 23, 2020, the Authority Board of Directors approved **Amendment Number 45**. **Amendment 45** (a) incorporate certain LMR Change Order Modifications as further described in this **Amendment No. 45** which results in a cost increase in the amount of \$39,050 (b) increase the Maximum Contract Sum by \$39,050 from \$290,219,275 to \$290,258,325 when taking aforementioned actions and costs into consideration; and (c) make other certain changes as set forth in **Amendment No. 45**.

On April 27, 2020, the Authority Board of Directors approved **Amendment Number 46**. **Amendment 46** revises the Agreement to make changes necessary to (a) incorporate certain LMR Change Order Modifications as further described in this **Amendment No. 46** which results in a cost increase in the amount of \$375,728, (b) increase the Maximum Contract Sum by \$375,728 from \$290,258,325 to \$290,634,053 when taking aforementioned actions and costs into consideration; and (c) make other certain changes as set forth in this **Amendment No. 46**.

On June 15, 2020, the Authority Board of Directors approved **Amendment Number 47**. **Amendment 47** revises the Agreement to make changes necessary to (a) reconcile eight (8) LMR System Sites in Phase 4 to reduce certain LMR System Equipment as further described in this **Amendment No. 47** which results in a cost decrease in the amount of \$3,130,664, and (b) incorporate certain LMR Change Order Modifications as further described in this **Amendment No. 47** which results in a cost increase in the amount of \$634,535 resulting in a decrease in the Maximum Contract Sum \$290,634,053 to \$288,137,924 when taking aforementioned actions and costs into consideration; and (c) make other certain changes as set forth in this **Amendment No. 47**.

On July 22, 2020, the Authority Board of Directors approved **Amendment Number 48**. **Amendment 48** revises the Agreement to make changes necessary to (a) incorporate certain LMR Change Order Modifications as further described in this **Amendment No. 48** which results in a cost increase in the amount of \$10,159; (b) increase the Maximum Contract Sum by \$10,159 from \$288,137,924 to \$288,148,083; and (c) make other certain changes as set forth in this **Amendment No. 48**.

On October 2, 2020, the Authority Board of Directors approved **Amendment 49**. **Amendment 49** revises the Agreement to make changes necessary to (a) incorporate certain LMR Change Order Modifications as further described in **Amendment No. 49**, which results in a cost increase in the amount of \$370,007; (b) increase the Maximum Contract Sum by \$370,007 from \$288,148,083 to \$288,518,090; and (c) make other certain changes as set forth in **Amendment No. 49**.

This report covers the period from 10/21/2020 thru 11/18/2020

During this reporting period Phase 1 design tasks continue for 16 remaining LMR site design packages,

including an LA-RICS requested power upgrade for the BKK site currently in negotiations as a change order. Of these 16 site design packages, all but Sites SPH, SPN and RELAY, are in jurisdiction plans review. 4 of 7 Coastal sites within LA County jurisdiction are well into the LA County Department of Regional Planning (DRP) zoning approval process with two of Coastal Sites receiving DRP zoning exemptions: CPK (under construction start by month end) and TOP (under construction). Following a Coastal Hearing in September for sites LACF072 and SPN, appeals were filed by members of the community. These appeals triggered another hearing that is anticipated to take place in six months, delaying the zoning approvals for these two sites as well as their respective LA County DPW permit releases. DPW permits cannot be obtained for site construction without these zoning approvals. Based upon these appeals, LA-RICS has asked Motorola to consider delaying implementation of three sites (LACF072, SPN, and RELAY) in the LMR System's west cell, to after System Acceptance. Further discussion is required between LA-RICS and Motorola before a decision is made.

The seventh Coastal Site, GRM, is with LA County DPW for plans review. During this period, UNIV site plans were approved by DPW. LA-RICS is coordinating with the site owner to address additional power usage metering requirements, and Motorola has requested permission to mobilize to begin site work while this new request is being addressed. Coastal Site CPK site plans have been approved by DPW and mobilization for construction is planned by the end of November.

Motorola and its partners continue design, engineering and construction work despite the COVID-19 pandemic. Construction work continues at sites including BHS, RIH, RHT, and TOP, as well as at 9 USFS, including mobilization for PMT on 11/12/2020. Work has been halted on the FRP tower erection together with other site work for the duration of the ski season due to access restrictions. Materials have been staged for BUR1 with a construction start planned for the first week in December. The MTL2 road was repaired by emergency crews and Motorola is currently reviewing the road conditions with its subcontractors in anticipation of a work start in January, pending permit plans approval.

The Authority and MSI project team has met numerous times over the past several months to review and manage the project's Integrated Master Schedule (IMS). The teams are currently evaluating the possibility of delaying three sites that are still in the Coastal zoning approval process, with community appeals files with LA County DRP: LACF072, RELAY, and SPN.

MSI has issued LA-RICS several notices of constructive delays associated with the impacts to the project's overall critical path schedule based on: remaining lease agreements, zoning approvals, power provision to sites, and agency cutovers that are now required ahead of System Acceptance. The latest version of the IMS projects the final system acceptance in November 2022; however, this schedule has not been contractually authorized through the Work Acceptance Certificate process and does not include additional funds due MSI for these delays. At this stage, LA-RICS' request to bring back the System Acceptance Date to March 2022 is not deemed feasible by Motorola, as we have repeatedly advised, without significant changes to the LMR System scope and testing activities. LA-RICS continues to reject the regularly provided IMS updates provided by Motorola. Furthermore, MSI is being prevented from executing the program without contractual commitments from LA-RICS regarding the issues provided in the notices of constructive change.

LMR System Design

System design activities for this period include Los Angeles Regional Tactical Communications System (LARTCS) design, narrowband mobile data network (NMDN) design, system management and monitoring system (SMMS) design, fleet mapping, site optimization, and incorporation of early user cutovers into the LMR System engineering design activities.

MSI completed and passed the UHF/700 MHz coverage acceptance test plan (CATP) for the I-5 North cell. This was the first of many major milestones related to system coverage testing plan for the program.

LA-RICS is supporting the agencies as needed for LASD narrow banding and LA County Fire Channel 14 voice cutover to Channel 16. The monitoring of performance and interference trends using alternate directional antennas at CCT and FCCF locations by Motorola has been suspended, as there were no significant improvements. LA-RICS has requested additional testing with alternate receive antennas at CCT to see if the interference can be reduced. Motorola is researching custom UHF antennas designed to eliminate or “null” out digital television (DTV) interference. The next round of spectrum fingerprinting and noise floor measurements (SF-NFM) at 23 sites has commenced.

MSI has implemented RF and microwave dish color requirements arising out of the USFS Decision Memo and individual site SUPs to address aesthetic (visual impact) measures. A change order has been approved by the LA-RICS Change Control Board for similar site civil colors and finishes for Site PRG (e.g. shelter, towers, generators, fuel tank, and fencing). As planned for months, Lump Sum change orders for these requirements at the remaining USFS are being presented to LARICS for review and approval. The Parties are at an impasse on how to reimburse the field portion of this additional work (e.g. time and materials or lump sum basis), so MSI has submitted a change order for manufacturer-supplied tower and shelter coatings and finishes while the field work reimbursement is being resolved. MSI continues to perform this field coating and finishing work at the USFS sites in good faith.

System Management and Monitoring System – The SMMS System Description has been reviewed and approved by LA-RICS. SMMS team members continue to work with LASD site representatives to determine which existing systems (e.g. generators, fire suppression, etc.), shared with LA-RICS, are to be monitored by SMMS. The current team efforts are focused on installations at individual sites. MSI currently plans to install Genwatch equipment at two of four sites in the December timeframe.

Fleet Mapping – MSI continues to assist LA-RICS and agencies in fleet mapping development for LA-RICS. Motorola has reviewed the LA County Sheriff Department codeplug on behalf of LA-RICS. The LA County Fire Department codeplug will be reviewed upon receipt from LA-RICS.

Juniper upgrade router and switch replacement is in progress. Core and Prime sites Juniper/Aruba enablement completed with NICE loggers active on the upgraded routers and switches.

UHF Channel 15/16 Interference - According to LA County legal representation, the FCC has granted 90-day STAs for all sites starting 11/1/2020 for cell optimization and testing. It is unclear whether these will be renewed beyond these 90 days. T-band repeal legislation will need to be enacted to allow

permanent licenses and cutovers.

LA-RICS Deliverables - Authority Site Access Agreements, Provision of Site Power

Authority's efforts to develop and execute Site Access Agreements (SAA) for the remaining sites in the LMR design are ongoing. This activity is primarily being driven by the Authority's Site Access Team in conjunction with LA County CEO Real Estate Division. As of this reporting period (56 out of 60) Site Access Agreements have been executed. Negotiations are ongoing for the two of three Santa Catalina Island site access agreements, with BJM SAA received in this period.

Five Coastal Development Packages are still outstanding, with applications all submitted and under review by LA County Department of Regional Planning. Appeals from members of the community were filed for sites LACF072 and SPN, resulting in additional public hearing to be scheduled in 2021. LA-RICS is waiting for final application comments or approvals, and subsequent scheduling of public hearings for the other sites. The separate zoning approval package for the RELAY (RF equipment at TOP) installations is under review by LA-RICS which is reconsidering power alternatives for the site that may impact the overall site layout. The zoning approvals for the three Catalina Island sites was revised by LA-RICS to 4Q2020.

Provision of site power or site power related easements continue to delay completion of both Phase 2 construction and start of Phase 4 site optimization at multiple sites.

Site Design Activities

Fifty-seven building permit applications have been made to date. Thirteen site design packages are currently in plans review, including BKK power upgrade requested by LA-RICS and PMT site's solar power implementation. BUR1 permit supplement reinstating the emergency backup subsystem has been approved in this period. LACF072 construction plans have been approved by LA County DPW pending LA County Coastal zoning approval. LACF072 zoning approval has been delayed four to six months pending resolution of a community appeal of the site plans. LA-RICS is reviewing 100% Progress CDs for Site RELAY, with provisioning of power to the site being the primary issue remaining to be resolved. Motorola is progressing to 100% Progress Level construction drawings and plans a permit readiness review with LA-RICS by the end of November. Site SPN 100% Progress Level drawings are still under review by LA-RICS, but this site is also impacted by a community appeal on the zoning application. The separate PMT solar design package is still in DPW plan check review. Site RELAY, incorporating the TOP RF equipment installations, requires a separate DRP zoning application and construction drawing package, both of which are still under development.

LA-RICS agreed to a customized generator housing for outdoor generator noise mitigation at two Santa Catalina Island sites (BJM and TWR) which is to be presented to the LA-RICS JPA Board for approval. Due to site design changes introduced by the Authority at these sites the original noise level specifications no longer apply.

MSI has submitted the remaining individual site change order requests to LA-RICS for USFS-required coatings and finishing of civil infrastructure, based upon its initial PRG site submission. This PRG change order was reviewed and approved by LA-RICS Change Control Board. The PRG change order is Motorola's the template for submission of the remaining USFS color change requests, with eight additional USFS site change orders submitted for costs associated with the USFS coloring requirements. MSI and LA-RICS continue to negotiate change orders associated with the BUR1 and MIR sites. MSI has proactively and in good faith moved forward with the USFS color requirements, as well as BUR1 and MIR changes, with construction in process at MIR and the USFS sites expecting to be reimbursed in an equitable and timely manner.

Pre-Construction Activities

The construction team is preparing to start construction of the CPK and PMT (civil only) sites. MSI has requested that a pre-construction meeting be scheduled for UNIV site while the owner's new request for LA-RICS utility usage metering is separately addressed.

Construction Activities

During this reporting period, Phase 2 construction tasks continue. 32 of 60 (includes 2 UNIV locations, RELAY) sites are substantially complete less site power, with construction activities ongoing at 13 sites (FRP work suspended due to ski operations). To date, 29 of 44 new towers have been erected, including the recent monopole erection at Site TOP. 38 of 57 shelters or equipment rooms are complete, including the recent TOP outdoor cabinet installation. MSI has been working with LA-RICS since October of 2019 to obtain Phase 2 construction completion acceptance, as Phase 2 civil site work is completed. The close out package for Site LAN was recently approved by LA-RICS. Motorola continues to meet with LA-RICS to address more changes to previously agreed to Phase 2 documentation review and delivery requirements.

LA-RICS also continues to address easements needed by the electrical utility to bring commercial power to numerous sites. The lack of these utility easements is delaying completion of Phase 2 construction completion at several sites including INDWT.

MMRP funds augmentation is needed to cover the remaining Phase 2 and Phase 4 days that require environmental monitoring. Motorola provided a notice to LA-RICS that the existing not to exceed costs limit is approaching for the monitoring work, and that it does not intend to continue to provide this monitoring going forward once the funds are expended. MSI's funding to provide MMRP services is forecast to be depleted in December 2020.

Equipment Supply

The majority of the UASI 2018, LARTCS, and NMDN equipment orders have been staged, shipped and

received at Motorola's Los Angeles warehouse.

Motorola and LA-RICS reviewed the UASI 2018 grant spend activities by site during the last period, with Motorola identifying specific sites' Phase 2 construction and Phase 4 site optimizations not being completed or at risk of completion by March 1, 2021. Motorola and LA-RICS have finalized a joint plan that LA-RICS is presenting to the grantor. LA-RICS recent change to previously agreed to Phase 2 close-out package review and approval process places Phase 2 Close-out package completion at risk of meeting the plan MSI agreed to before the changes were introduced. We intend to work through the changes LA-RICS has introduced to do our best to complete the work on time.



System Implementation

MSI contractors continue to install RF and microwave antennas and lines at sites, install and configure low-voltage site alarms, and configure RF equipment. Initial Phase 4a internal site audits and checks were completed. MSI System Technologists (ST's) are performing site pre-optimizations following the completion of Phase 4a work. MSI has brought ST's on to the project to begin pre-optimization work ahead of our normal sequence of work to compensate for the delays in schedule resulting from zoning, site power and cutovers.

Upgrades from GGM to Juniper routers are in progress. These upgrades are expected to be complete by the end of 1Q2021.

As of this report, there are twenty-one (21) of 70 active microwave backhaul links. The current focus is microwave site equipment and dish installations and connections at the site level with 27 of 59 (excludes RELAY) sites with DC power activated.

The following table provides a dashboard snapshot of the projects' health signs.

Category	Rating	Change	Comments
Schedule			The August 2019 baseline schedule shows LMR System Acceptance on 3/28/2022. MSI's current forecast for LMR System Acceptance is in 4Q2022 timeframe driven by: LA-RICS change in narrow banding logic, interference mitigation, remaining leases, Coastal CDP approvals, site power delays and agency cutovers. The largest impact to the critical path since the September Report was CDP Zoning approval for LACF072.
Risk			Risk items have been identified regarding: zoning approval process, Site Access Agreements, plan check approval process, spectrum, narrow banding, Channels 15 and 16 interference, site power, and site conditions. FEMA independent site environmental approvals required.

2. Project Status

2.1. Tasks in Progress or Completed

See IMS Look Ahead File, data date 11/10/2020

2.2. Tasks Planned for Next Period

See IMS Look Ahead File, data date 11/10/2020

3. Project Risk Register

Title	Assigned	Impact	Risk Description	Status
Site Parameters	Authority	High	Site parameters (e.g. tower heights, RF equipment configurations) are different from the baseline agreement and may impact System performance.	Active
Environmental Process	Authority	High	The individual determination of environmental impacts or mitigation may impact the schedule for site work (e.g., bird nesting season). Individual environmental releases from FEMA are required to start work at sites.	Active
Delayed Drawings and Permit Release	Motorola & Authority	High	Site changes and System redesign elements are impacting drawing progress for certain sites, including the coordination of 3 rd party components (antennas, dishes).	Active
Site Access Agreements	Authority	Med	Lease holders approvals are needed in order to implement LA-RICS improvements. Utility easements are required to provide power to sites.	Active
Project Schedule	Authority & Motorola	High	Critical path elements include receipt of SAAs, Coastal sites zoning application approvals, provision of utility power at sites, and completion of replacement site designs and permitting. Timely execution of interference mitigation, narrow banding, agency cutovers, as well as functional and coverage testing to achieve System Acceptance in 4Q2022.	Active

4. Areas of Concern

This section describes any events and or circumstances of which the Contractor is aware that has delayed

or may delay project activities and what corrective or remedial actions was taken or will be taken to resolve the issue. Outstanding Issues Log (the “OIL Log”) entries are also tabulated and monitored in this section. “OIL Log” items include, for example, sequencing, infrastructure, site access, coordination issues, congestion of workers and equipment, time requirements for design, procurement, and installation.

ID	Event / Circumstance	Remedial Action Taken or Required
02-02	System Design impacts due to changes in site conditions	Motorola and the Authority have analyzed probable site changes and suitable site replacement candidates. Adjusted tower heights and undetermined site parameters at several of the sites will impact the coverage. System design efforts will determine system impacts. Impact includes, microwave backhaul, equipment reconfigurations, channel plan changes, system coverage, licensing, and site design and permitting.

5. Disputes and Claims

This section describes any disputes, potential claims, and claims made during the reporting period.

Dispute / Claim / Potential Claim	Status / Actions	Resolution Date
None at this time		

6. Financial Status

The following represents the invoice payments that were completed during the reporting period and the remaining amount to be invoiced and paid.

Invoice Payment Category	Invoice Payment Totals (\$)
Contract Sum Full Payable Amount (Phases 1-4)	160,027,404
Cumulative Invoice Payments from Last Report	103,811.128
Total Invoice Payments This Period	221,474
Remaining Amount to be Paid	\$55,994,802

7. LA-RICS Master Schedule

On June 18, 2020, Motorola issued LA-RICS a supplemental notice of constructive change under the Contract based on the failure of the Authority to deliver the required approvals for zoning and/or SAA from Coastal and Forestry agencies, the failure to provide a commitment regarding providing site power, and the failure to provide commitments regarding system cutover. MSI estimates the approved Contract schedule final system acceptance date will now be delayed until at least November 2022. The most recent weekly master schedule update has a data date of 11/10/2020. See attached LMR Executive Project Summary Snapshots. MSI and LA-RICS have been meeting to converge on a consensus schedule, but progress is slow. Any significant change to the project completion date will have to come from scope reduction or change.



**LOS ANGELES REGIONAL INTEROPERABLE
COMMUNICATIONS SYSTEM AUTHORITY**

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SCOTT EDSON
EXECUTIVE DIRECTOR

December 3, 2020

To: LA-RICS Authority Board of Directors

From: Scott Edson
Executive Director

A handwritten signature in blue ink, appearing to read 'Scott Edson', is placed next to the printed name and title.

PSBN ROUND 2 IMPLEMENTATION AND CONSTRUCTION UPDATE

The purpose of this discussion item is to provide an update on the Public Safety Broadband Network (PSBN) Round 2 deployment.

CO:TP:pdd

Attachment

AGENDA ITEM F

LA-RICS PSBN SITE DEPLOYMENT

Week of 11/23/2020

Site	Site ID	Type	GC	Power	City Planning	MISC Permit HDP /CP	Building Permit Rec'd	SAA Exec	Site Construction Start	Tower Delivered	Tower Construction Complete	Lines & Antennas Complete	Equipment Installation Complete	Site Construction Finish	Close Out	Comments
21	MML2	Colo	MSI	Complete	NA	NA	5/21/2020	Complete	7/31/2020	NA	11/20/2020	11/27/2020	11/27/2020	11/30/2020	12/21/2020	MSI anticipates punch walk to be scheduled first week of December.
22	MNTBLPD	Pole	Diversified	Complete	NA	NA	9/11/2020	Complete	9/28/2020	8/21/2020	10/16/2020	11/27/2020	11/27/2020	11/30/2020	12/21/2020	L&A start week of 11/23/2020.
23	POLA1	Best	Jitney	Complete	7/30/2020	CP = Approved HEP = Approved	7/31/2020	Complete	8/10/2020	8/29/2020	8/29/2020	11/27/2020	10/6/2020	12/18/2020	1/8/2021	LADWP, Daniel Holman estimated 6-8 month completion due to scheduling, resources and current timeframes. Power install May 2021. Require additional equipment to support L&A Completion, in process.
24	POLA2	Best	Jitney	Fenix	7/30/2020	CP = Approved HEP = Approved	7/31/2020	Complete	8/10/2020	8/29/2020	8/29/2020	10/6/2020	10/6/2020	12/22/2020	1/12/2021	Received GC Scope and working with Fenix on traffic control and scheduling to support power run completion.
25	POLB1	Pole	Motive	Submeter - Design	8/20/2020	Complete	9/18/2020	Pending - See Comments	12/7/2020	NA	1/11/2021	1/18/2021	1/25/2021	2/1/2021	2/22/2021	LA-RICS assisting with outreach regarding \$10k monthly rent figure. CX awaiting AT&T Lease negotiation and approval to move forward.
26	POM2	Roof	Motive	Complete	NA	NA	11/27/2020	Pending - See Comments	12/7/2020	NA	NA	1/18/2021	1/25/2021	2/1/2021	2/22/2021	Received FACS Scope. Reached out to JCC for Permit Issuance in lieu of meeting JCC requirements.

Legend	
	Completed
	Forecasted - Scheduled
	Delayed Timeline

Tower Type	Qty
Colo	1
Pine	4
Roof	1



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SCOTT EDSON
EXECUTIVE DIRECTOR

December 3, 2020

To: LA-RICS Authority Board of Directors

From: Scott Edson
Executive Director

UPDATE ON COASTAL DEVELOPMENT PERMIT PROCESS FOR FIVE LAND MOBILE RADIO SYSTEM SITES

The purpose of this discussion item is to provide an update on the five (5) Land Mobile Radio (LMR) sites in process for securing Coastal Development Permits (CDP).

The two (2) sites subject to the Santa Monica Mountains Local Implementation Plan (LIP), LA County Fire Department 72 (LACoFD072) and Saddle Peak (SPN), were approved by the Regional Planning Commission (RPC) at its meeting of September 16, 2020. Non-applicant appeals were received by the Board of Supervisor's (BOS) Executive Office on the appeal period end date of September 29, 2020.

The Board of Supervisors upheld RPC's approval of sites LACoFD072 and SPN at its public hearing on November 24, 2020. Upon approval from the California Coastal Commission, the Coastal Development Permits will be processed.

The three (3) sites subject to the Santa Catalina Island LIP, Black Jack Mountain (BJM), Dakin Peak (DPK) and Tower Peak (TWR) were approved by the RPC at its meeting of September 23, 2020. Staff are now coordinating final paperwork with DRP and expect issuance of Coastal Development Permits in early December.

TR:pdd



LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

2525 Corporate Place, Suite 100
Monterey Park, California 91754
Telephone: (323) 881-8291
<http://www.la-rics.org>

TRUC L. MOORE
COUNSEL TO THE AUTHORITY

December 3, 2020

Board of Directors
Los Angeles Regional Interoperable Communications System Authority (the "Authority")

Dear Directors:

APPROVE AMENDMENT NO. 2 TO AGREEMENT NO. LA-RICS 012 WITH SD EDSON, INC., FOR PROFESSIONAL SERVICES

SUBJECT

Board approval is requested to authorize Amendment No. 2 to Agreement No. LA-RICS 012 with SD Edson, Inc. (Agreement) for Professional Services to extend the term of the Agreement for two (2) years to March 25, 2023, with a one (1) year renewal option, at the existing hourly rate of \$111.30 and not-to-exceed amount of \$231,504 per year.

RECOMMENDED ACTION

It is recommended that your Board:

1. Approve Amendment No. 2 to the Professional Services Agreement with SD Edson, Inc., for Executive Director services, substantially similar in form to the Enclosure, which revises the Agreement to reflect the following:
 - a. Extend the current Term to March 25, 2023.
 - b. Revise the Term to include a one (1) year renewal option to expire on March 25, 2024, if exercised in the sole discretion of the Authority.
 - c. The existing billed hourly rate of \$111.30 and not-to-exceed amount of \$231,504 per year shall remain unchanged.
2. Authorize the Chair of the Board, or his designee, to execute Amendment No. 2, in substantially similar form to the enclosed amendment (Enclosure).

BACKGROUND

On December 12, 2016, your Board approved the recommendation to appoint Mr. Scott D. Edson (Mr. Edson) to the position of the LA-RICS Authority Executive Director. The Authority entered into a Professional Services Agreement with Mr. Edson on February 2, 2017, to commence services on March 26, 2017, for a period of two (2) years ending on March 25, 2019.

On December 19, 2018, your Board approved Amendment No. 1 to the Agreement with Mr. Edson to (a) extend the term of his Agreement for two (2) years until March 25, 2021; (b) revise the term to include a one (1) year renewal option to expire on March 25, 2022, if exercised in the sole discretion of the Authority; (c) revise the Cost of Living Adjustment (COLA) provision; (d) increase the billed hourly rate by 6% from \$105 to \$111.30; and (e) increase the total not-to-exceed amount from \$218,400 to \$231,504.

The item before your Board for consideration seeks approval to further extend the term of Mr. Edson's Agreement to March 25, 2023, with the same hourly rate and not to exceed yearly contract amount. No other changes to the terms and conditions of the Agreement were made, including to the cost of living adjustment provision, which permits the Board to consider future COLAs.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The purpose of the recommended actions is to extend the current Term for two (2) years until March 25, 2023; revise the Term to include a one (1) year renewal option to expire on March 25, 2024, if exercised in the sole discretion of the Authority; all services to be performed at the existing billed hourly rate of \$111.30 and existing not-to-exceed amount of \$231,504 per year.

It is necessary to extend the current term of the Agreement, as Mr. Edson is an integral component to the LA-RICS project. Mr. Edson's extensive knowledge of the public safety operations and communication technology, demonstrate the need for the Authority to retain Mr. Edson's services. Moreover, Mr. Edson should continue to oversee the LA-RICS project to its successful construction and implementation.

FISCAL IMPACT/FINANCING

As reflected in the LA-RICS Adopted Fiscal Year 2020-21 Operating Budget, Mr. Edson's cost were reimbursed 50% by the Broadband Technology Opportunity Program (BTOP) grants for the Long Term Evolution (LTE) project through September 30, 2020, and 50% from Member Funded Contributions. Pursuant to this same adopted budget, as of October 1, 2020, Mr. Edson is now 100% funded from Member Funded Contributions. Member Funded Contributions consist of \$6 million from AT&T Business Agreement

funds already paid to the Authority, and LA-RICS will be receiving an additional \$6 million from AT&T to continue to fund Authority operations through Land Mobile Radio (LMR) System acceptance. Future funding in subsequent fiscal years will be presented to your Board for consideration in the respective fiscal years' budget adoption process.

FACTS AND PROVISIONS/LEGAL REQUIREMENT

As the Authority's counsel, I have reviewed the recommended action.

CONCLUSION

On behalf of the Authority, the Chair of the Board will have the authority to execute the enclosed amendment with SD Edson, Inc., in accordance with the recommended actions described in this letter.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Truc L. Moore", is positioned above the typed name.

TRUC L. MOORE
COUNSEL TO THE AUTHORITY

JA

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AMENDMENT NUMBER TWO
TO AGREEMENT NO. LA-RICS 012
FOR PROFESSIONAL SERVICES

This Amendment Number Two (together with all exhibits, attachments, and schedules hereto, Amendment No. 2) is entered into by and between the Los Angeles Regional Interoperable Communications System Authority (Authority) and SD Edson, Inc. (Consultant), effective as of December _____, 2020, based on the following recitals:

RECITALS

WHEREAS, Authority and Consultant have entered into Agreement No. LA-RICS 012 for Professional Services to enable Consultant to perform the duties as the Executive Director to the Authority, effective March 26, 2017 (together with all exhibits, attachments, and schedules thereto, all as amended prior to the date hereof, the "Agreement").

WHEREAS, the Agreement has been previously amended by Amendment Number One, effective December 19, 2018, which amended the Agreement to (a) extend the current Term for two (2) years until March 25, 2021; (b) revise the Term to include a one (1) year renewal option to expire on March 25, 2022, if exercised in the sole discretion of the Authority; (c) revise the Cost of Living Adjustment (COLA) provision; (d) increase the billed hourly rate by 6% from \$105 to \$111.30; and (e) increase the Maximum Contract Sum by \$13,104 from \$218,400 to \$231,504.

WHEREAS, the Authority and Consultant desire to further amend the Agreement to (a) extend the current Term for two (2) years until March 25, 2023; (b) revise the Term to include a one (1) year renewal option to expire on March 25, 2024, if exercised in the sole discretion of the Authority; and (c) all services performed during the Term shall continue to be compensated at the existing billed hourly rate of \$111.30 and total not to exceed amount of \$231,504 per year as set forth in Section 4.0 (Compensation) of the Agreement.

NOW THEREFORE, in consideration of the foregoing recitals, all of which are incorporated as part of this Amendment No. 2, and for other valuable consideration, the receipt and sufficiency of which are acknowledged, Authority and Consultant hereby agree as follows:

1. Capitalized Terms; Section References. Capitalized terms used herein without definition (including in the recitals hereto), have the meanings given to such terms in the Agreement. Unless otherwise noted, section references in this Amendment No. 2 refer to sections of the Agreement, as amended by this Amendment No. 2.

2. Amendments to Agreement.

2.1 Section 2.0 (Term) of the Agreement shall be deleted in its entirety and replaced with the following:

2.0 **TERM**

Consultant shall begin performing services for the Authority on March 26, 2017 ("Start Date"), and shall continue such services for a period of two (2) years until March 25, 2019, or until terminated as provided for in Section 7 (Termination) of this Agreement. As a condition of this Agreement, Consultant shall complete and pass a background investigation prior to the Start Date which is satisfactory to the Authority.

Pursuant to Amendment No. 1 to this Agreement, the Term shall continue for an additional two (2) years from March 26, 2019, until March 25, 2021, or until terminated as provided for in Section 7 (Termination) of this Agreement.

Pursuant to Amendment No. 2 to this Agreement, the Term shall continue for an additional two (2) years from March 26, 2021, until March 25, 2023, or until terminated as provided for in Section 7 (Termination) of this Agreement. The Authority shall have the option, in its sole discretion, to extend this Term for an additional one (1) year renewal option period, from March 26, 2023, to March 25, 2024. If such renewal option period is exercised, it shall be pursuant to an amendment subject to the prior approval of the Authority's Board of Directors.

3. This Amendment No. 2 shall become effective as of the date identified in the recitals, which is the date upon which:

3.1 An authorized agent of Contractor has executed this Amendment No. 2;

3.2 Counsel to the Authority has approved this Amendment No. 2 as to form; and

3.3 The Board of Directors of the Authority has authorized the Chair of the Authority to execute this Amendment No. 2.

4. Except as expressly provided in this Amendment No. 2, all other terms and conditions of the Agreement shall remain the same and in full force and effect.

5. Consultant and the person executing this Amendment No. 2 on behalf of Consultant represent and warrant that the person executing this Amendment No. 2 for Consultant is an authorized agent who has actual authority to bind Consultant

to each and every term and condition of this Amendment No. 2, and that all requirements of Consultant to provide such actual authority have been fulfilled.

6. This Amendment No. 2 may be executed in one or more original or facsimile counterparts, all of which when taken together shall constitute one in the same instrument.

* * *

IN WITNESS WHEREOF, the parties hereto have caused this Amendment No. 2 to be executed on their behalf by their duly authorized representatives, effective as of the date first set forth above.

LOS ANGELES REGIONAL
INTEROPERABLE COMMUNICATIONS
SYSTEM AUTHORITY

CONSULTANT

By: _____
Chief Mark Glatt, Chair
LA-RICS Authority Board of Directors

By: _____
Scott D. Edson
SD Edson, Inc.

APPROVED AS TO FORM FOR THE
LOS ANGELES REGIONAL
INTEROPERABLE COMMUNICATIONS
SYSTEM AUTHORITY:

RODRIGO A. CASTRO-SILVA
Acting County Counsel

By: _____
Truc L. Moore
Principal Deputy County Counsel