



# AGENDA

## LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY (“AUTHORITY”)

### BOARD OF DIRECTORS MEETING

Thursday, June 1, 2023 • 9:00 a.m.

County of Los Angeles Sheriff’s Department (LASD)  
 Community College Bureau  
 1055 Corporate Center Drive  
 Monterey Park, CA 91754

Microsoft Teams Meeting Link for the Public: [Click here to join the meeting](#)

#### Call-in Number for the Public:

Public may submit a Public Comment during the meeting to the Board by accessing the Microsoft Teams Meeting Link above or by the Call-In Telephone Number below.

**Telephone Number:** (323) 886-6924

**Conference ID:** 186 920 901#

#### AGENDA POSTED: May 25, 2023

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

MEMBERS		ALTERNATES	
1.	<b>Fesia Davenport</b> , CEO County of Los Angeles Chief Executive Office	1.	<b>Leslie Luke</b> , Deputy Director, Office of Emergency Management County of Los Angeles Chief Executive Office
2.	<b>Anthony Marrone (Vice-Chair)</b> , Fire Chief County of Los Angeles Fire Department	2.	<b>Eleni Pappas</b> , Deputy Fire Chief County of Los Angeles Fire Department
3.	<b>Robert Luna (Chair)</b> , Sheriff County of Los Angeles Sheriff’s Department	3.	<b>Brian Yanagi</b> , Chief County of Los Angeles Sheriff’s Department
4.	<b>Richard Tadeo</b> , Director, EMS Agency County of Los Angeles Department of Health Services	4.	<b>Jacqueline Rifenburg</b> , Assistant Director, EMS Agency County of Los Angeles Department of Health Services
5.	<b>Vincent Capelle</b> , Fire Chief Los Angeles Area Fire Chiefs Association	5.	<b>Phil Ambrose</b> , Battalion Chief Los Angeles Area Fire Chiefs Association
6.	<b>Brian Solinsky</b> , Police Chief Los Angeles County Police Chief’s Association	6.	<b>Tom Jacobs</b> , Lieutenant Los Angeles County Police Chief’s Association
7.	<b>Vacant Seat</b> , City Manager California Contract Cities Association	7.	<b>Marcel Rodarte</b> , Executive Director California Contract Cities Association
8.	<b>David Povero</b> , Police Chief At-Large Seat #8 (City of Covina Police Department)	8.	<b>Ric Walczak</b> , Captain At-Large Seat #8 (City of Covina Police Department)
9.	<b>Cardell Hurt</b> , Acting Police Chief At-Large Seat #9 (City of Inglewood Police Department)	9.	<b>Neal Cochran</b> , Acting Captain At-Large Seat #9 (City of Inglewood Police Department)
10.	<b>Vacant Seat</b> At-Large Seat #10 (City of Signal Hill Police Department)	10.	<b>Vacant Seat</b> At-Large Seat #10 (City of Signal Hill Police Department)

OFFICERS
<b>Scott Edson</b> , LA-RICS Executive Director
<b>Ronald Watson</b> , LA-RICS Deputy Executive Director
<b>Oscar Valdez</b> , County of Los Angeles, Interim Auditor-Controller
<b>Keith Knox</b> , County of Los Angeles, Treasurer and Tax Collector
<b>Beatriz Cojulun</b> , LA-RICS 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. May 4, 2023 – Regular Meeting Minutes  
Agenda Item A
- IV. PUBLIC COMMENTS**
- V. CONSENT CALENDAR – NONE**
- VI. REPORTS (B – E)**
  - B. Director’s Report – Scott Edson  
Agenda Item B
  - C. Project Manager’s Report – Riad El Masri  
Agenda Item C
  - D. Joint Operations and Technical Committee Chair’s Report – No Report
  - E. Finance Committee Chair’s Report – Deputy Director Leslie Luke
- VII. DISCUSSION ITEMS (F – H)**
  - F. Spectrum and Licensing Issues Impacting Land Mobile Radio Deployment – Ted Pao  
Agenda Item F
  - G. Outreach Update – Lieutenant Robert Weber  
Agenda Item G
  - H. Replacement of Oversight Committee Member – Scott Edson  
Agenda Item H



## VIII. ADMINISTRATIVE MATTERS (I – K)

### I. APPROVE THE FISCAL-YEAR 2022-23 AMENDED LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY OPERATING BUDGET

It is requested that your Board adopt the enclosed Amended Budget to adjust funding sources for budget line items for Project Team staffing, County Counsel, Travel and Training, and Services and Supplies with actual and projected expenditure/uses in Fiscal Year 2022-23. The draft Amended budget is in accordance with the cost factors identified in the Adopted Funding Plan. This reconciliation does not increase the spending amount approved under the prior Adopted Budget.

Agenda Item I

### J. APPROVE AMENDMENT NO. 114 TO AGREEMENT NO. LA-RICS 007 LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM LAND MOBILE RADIO (LMR) SYSTEM

It is recommended that your Board:

1. Find that the (a) approval of Amendment No. 114 for inclusion of a Change Order Modification at Universal Studios (UNIV) site, related to fire suppression system work at the two existing building locations that constitute Site UNIV, the Universal City Plaza location and the Universal City Walk location, is not subject to the California Environmental Quality Act (CEQA) because it is not defined as a project under CEQA and does not have the potential for causing a significant effect on the environment.
2. Approve Amendment No. 114 to Agreement No. LA-RICS 007 for an LMR System with Motorola Solutions, Inc. (MSI) to include a Change Order for the remittance of payment required for fire suppression system work at the Universal (UNIV) site for a cost increase in the amount of \$22,704.
3. Authorize an increase to the Maximum Contract Sum in an amount of \$22,704 from \$216,841,313 to \$216,864,017 when taking the recommended action into consideration.
4. Delegate authority to the Executive Director to execute Amendment No. 114, in substantially similar form to the enclosed Amendment (Enclosure), and issue one or more Notices to Proceed (NTP) for this work as may be needed.

Agenda Item J



**K. DELEGATE AUTHORITY TO EXECUTIVE DIRECTOR TO NEGOTIATE AND EXECUTE AMENDMENT TO SITE ACCESS AGREEMENT WITH REGENTS OF THE UNIVERSITY OF CALIFORNIA FOR ONE LAND MOBILE RADIO SYSTEM SITE**

It is recommended that your Board:

1. Find that the approval and execution of Amendment No. 1 to the SAA with the Regents of the University of California (Regents) to allow the Regents to collocate and install, operate and maintain fiber equipment and enclosure on the LA-RICS Authority's (Authority's) LMR equipment shelter and perform associated minor shelter modification for fiber cord connection to the LMR System network switch at the LMR Site on University of California, Los Angeles main campus (Site UCLA) is categorically exempt from the California Environmental Quality Act (CEQA) pursuant to 14 Cal. Regs. ("CEQA Guidelines") Sections 15301 and 15303 for the reasons stated in this Board Letter and as noted in the record of the project.
2. Authorize the Executive Director to complete negotiations, finalize and execute Amendment No. 1 to the SAA identified herein for the LMR UCLA Site, on a gratis basis, substantially similar in form to the agreement attached hereto as Enclosure 1, and delegate authority to the Executive Director to negotiate, approve, execute, and/or grant any other approvals, ancillary documentation or amendments, approved as to form by Counsel to the Authority, which are necessary to effectuate the real estate document described in Enclosure 1, and the activities permitted under that document.

Agenda Item K

**IX. MISCELLANEOUS**

**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) (2 cases).

**XII. ADJOURNMENT AND NEXT MEETING**

Regular Board Meeting on Thursday, July 6, 2023, at 9:00 a.m., at the County of Los Angeles Sheriff's Department (LASD), Community College Bureau, 1055 Corporate Center Drive, Monterey Park, CA 91754.



## BOARD MEETING INFORMATION

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 REGULAR MEETING MINUTES

LOS ANGELES REGIONAL  
INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

Thursday, May 4, 2023 • 9:00 a.m.

## BOARD MEMBERS PRESENT

**Vincent Capelle**, Fire Chief, Los Angeles Area Fire Chiefs Association

**Mark Alexander**, City Manager, California Contract Cities Association

**David Povero**, Chief of Police, City of Covina Police Department

## ALTERNATES FOR BOARD MEMBERS PRESENT

**Leslie Luke**, Deputy Director, Office of Emergency Management, County of Los Angeles Chief Executive Office

**Eleni Pappas**, Alternate Vice-Chair, Deputy Fire Chief, County of Los Angeles Fire Department

**Brian Yanagi**, Alternate Chair, Chief, County of Los Angeles Sheriff's Department

**Jacqueline Rifenburg**, Assistant Director, EMS Agency, County of Los Angeles Department of Health Services

**Neal Cochran**, Captain, City of Inglewood Police Department

## OFFICERS PRESENT

**Scott Edson**, LA-RICS Executive Director

**Ronald Watson**, LA-RICS Deputy Executive Director

**Beatriz Cojulun**, LA-RICS, Board Secretary

## BOARD MEMBERS ABSENT / VACANT

**Brian Solinsky**, Chief of Police, Los Angeles County Police Chief's Association

**Vacant**, City of Signal Hill Police Department



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

**I. CALL TO ORDER**

Alternate Board Chair Brian Yanagi called the Regular meeting of the Board to order at 9:00 a.m.

**II. ANNOUNCE QUORUM – ROLL CALL**

Board Secretary Beatriz Cojulun took the roll and acknowledged a quorum was present.

**III. APPROVAL OF MINUTES (A)**

**A. April 6, 2023 – Regular Minutes**

Agenda Item A

Alternate Board Chair Yanagi asked the Board if there were any comments or corrections to the attached minutes for the Regular Meeting Minutes on April 6, 2023. There were no questions or corrections, therefore, he asked for a motion to approve.

Board Member Mark Alexander motioned first, seconded by Board Member David Povero.

Ayes 6: Luke, Yanagi, Rifenburg, Capelle, Alexander, and Povero.

**MOTION APPROVED.**

**IV. PUBLIC COMMENTS – NONE**

There was no public comment.

Alternate Board Member Neal Cochran arrived during the notice of Public Comment and joined Board Meeting.

**V. CONSENT CALENDAR – NONE**

There were no reports on the Regular or the Special Meeting Agendas.

Alternate Board Member Eleni Pappas arrived during the introduction of the Director's Report and went on to join the Board Meeting.



## VI. REPORTS (B – E)

### B. Director's Report – Scott Edson

Executive Director Scott Edson greeted and thanked the Chair, the Board members, and all those in attendance.

Executive Director Edson started with the introduction of Brian Smyth, the new Jacobs Project Director (PD). Executive Director Edson mentioned how recently the Authority lost both its Project Manager (PM) followed by the Authority's PD. Executive Director Edson reported that he is working closely with Jacobs and Deputy Executive Director (DED) Ron Watson, and they were able to interview a couple candidates from a pool of three (3), from which they selected Brian Smyth, who started just two (2) weeks ago. Executive Director Edson said that Mr. Smyth stood out because of his PM experience, most recently setting up a Project Management Office (PMO) in Duarte at the City of Hope. Executive Director Edson further said that he is an Architect, which means he has, or at least the Authority expects from him to have a great attention to detail. Executive Director Edson shared that Mr. Smyth is a local living in Pasadena, therefore, which would allow him to be at the office for those impromptu meetings. Executive Director Edson expressed that Mr. Smyth hit the ground running and has so far exceeded the Authority's expectations.

PD Smyth reiterated that he is an Architect and has been in the business for over forty (40) years. PD Smyth went on to add that as Executive Director Edson mentioned, his background is in Project Management, with a focus on team building, project metrics, and project closeout. PD Smyth said that he looks forward to working with the Authority's great team and thanked the Board for the opportunity.

Executive Director Edson reported that over the last month, the team has continued to work with Motorola Solutions, Inc. (MSI) on the restoration of sites impacted by the storms. Executive Director Edson stated that overall, the LA-RICS LMR System weathered the series of storms relatively well and delivered Digital Trunked Voice Radio Subsystem (DTVRS) services with minimal impact on field testing that was taking place with County of Los Angeles (County) Sheriff's Department (LASD) users. Executive Director Edson further stated the overlapping coverage, the redundancy of various critical infrastructure components, the Microwave backhaul routing capability, and backup power systems; all, for the most part, withstood the severe storms. Executive Director Edson further reported the Land Mobile Radio (LMR) System has proven the public-safety-grade radio system, LA-RICS, which took a decade to design and construct, with it finally materializing and delivering reliable services to the end-users testing the system. Executive Director Edson expressed that some areas require improvement and in the Authority's opinion were





not designed properly. Executive Director Edson went on to say that, staff would continue to work with Motorola Solutions, Inc. (MSI) on improvements to components that were impacted by the high wind, snow, and ice conditions.

Executive Director Edson thanked the County Fire Department (LACoFD), and the LASD, for all the help they provided over the last few months, in clearing roads, fuel and people delivery, to our sites. Executive Director Edson feels that even though the weather hampered the Authority's testing and maintenance needs, these partners found creative ways to minimize the impact to the schedule.

Executive Director Edson expressed that with the restoration of most of the damaged components and Microwave realignments, just this last Monday, the DTVRS was provisionally accepted by LA-RICS. Executive Director Edson mentioned the migration of the largest LASDs in the world has started. Executive Director Edson stated that although the LASD is unable to migrate its dispatch operation onto LA-RICS at this time due to its unique dispatch operation and other technologies supporting dispatch operation, all tactical communications are now migrating LA-RICS, within the next twenty (20) days. Executive Director Edson said there are many other non patrol operations that have also migrated to LA-RICS, including LASD Aero Bureau and the Special Enforcement Bureau.

Executive Director Edson informed the Board that acceptance of the DTVRS is a major contract milestone, this is the complete acceptance of all sites under subsystem DTVRS, he reiterated what a huge milestone this is. Executive Director Edson detailed the DTVRS is the heart of LA-RICS suite of radio subsystems and all public safety users in this region will have access to the DTVRS, either via subscriber or via interoperability. Executive Director Edson commented that as he previously stated, the LASD is moving over to it now and other agencies will follow. Executive Director Edson shared that due to the Authority's entire system is not yet fully accepted, there is no charge to use the DTVRS at this time. Executive Director Edson went on to say the Los Angeles Regional Tactical Communications System (LARTCS) and Analog subsystems will follow and be accepted in September 2023, followed by full system acceptance by the end of the year.

Executive Director Edson mentioned that to get there, the team continues to participate in coverage testing and audio evaluation. Executive Director Edson further mentioned that some Analog Conventional Voice Radio Subsystem (ACVRS) testing have now been completed and the results are under review by the staff.

Executive Director Edson reported the LARTCS low band testing has continued into the North County after completing the Los Angeles basin and avoiding the area covered by Mount McDill (MMC), which was damaged by weather. Executive Director Edson further reported that once MSI restores the low-band antennas at MMC, testing there will commence there.



Executive Director Edson went on to say that as you can imagine, with a system of this size, system and site documentation is critical. Executive Director Edson mentioned that documentation is placed in "books" and checked for completeness and accuracy. Executive Director Edson commented that as for those Closeout Book activities, the team has completed the DTVRS Closeout Book material and will start working on the remaining subsystems' Closeout material. Executive Director Edson expressed that it is expected that Closeout Book efforts will continue up to the acceptance of ACVRS and LARTCS. Executive Director Edson thanked all team members involved in this important, yet tedious, requirement.

Executive Director Edson informed the Board that as for the integrated Master Schedule (IMS), unfortunately, the Authority is again in disagreement with the MSI's schedule and continue those discussions. Executive Director Edson shared the last two (2) IMS submissions have pushed out the acceptance date without proper explanation or the Authority's agreement, now showing a full system acceptance date in mid-December. Executive Director Edson said the Authority will do its best to bring in that date.

Executive Director Edson confirmed that moving forward, the Authority will work in parallel with Metrocell, as the Authority's Invitation for Bid (IFB) awarded contractor, and County Internal Services Department (ISD), for certain work (road repair, tower demo, generator removal/ replacement, etc.) that is needed now, and may be needed at a future date, at sites. Executive Director Edson reminded the Board that he has previously of MSI's refusal to perform certain work pertaining to Phase 2 construction. Executive Director Edson thanked the Authority's partners at the County for facilitating a fair and appropriate procurement vehicle to bring on competitive vendors to perform work on a quick timeline for as-needed work. Executive Director Edson commented that to ensure this, Agenda Item K will allow the Executive Director to enlist the County and other agencies such as the United States Forest Services (USFS), to perform this as needed work.

As for Grants, Executive Director Edson said the Authority will continue making good progress on its grant spend, as reported to the Urban Area Security Initiative (UASI) Approval Authority earlier this week.

Executive Director Edson went on to say the UASI approved \$5 million for each of the Authority's grants under UASI '22, UASI '23 and UASI '24. Executive Director Edson further said the Authority needed to utilize the \$15 million in the next twelve (12) months, which is best aligned with the acceptance of the Authority's system later this year, which is why the LASD and LACoFD swapped their allotment with the Authority, which makes the Authority very grateful and appreciative.

Executive Director Edson noted that before the Board was the UASI '22 Subrecipient Agreement as Agenda Item I, reflecting these "swaps" allocating \$11.7



million to LA-RICS out of the 2022 grant award, instead of \$5 million. Executive Director Edson noted, the 2022 grant award comes in the spring of 2023, this is why the Authority could not wait to receive the \$5 million in spring of 2024 and another \$5 million in the spring of 2025, as by that time the Authority's system would have been accepted and the warranty period would have completed. Executive Director Edson that in the end, receiving \$15 million over the next twelve (12) months will work out perfectly, and again thanked the County partners for helping the Authority achieve that funding. Executive Director Edson stated the team met with the grantor on Tuesday and provided and update that included the fantastic news regarding the DTVRS subsystem acceptance.

Executive Director Edson detailed there are various fund sources in the Authority's Adopted Budget, and as the end of the fiscal year is fast approaching, the Authority will be reconciling certain actual and projected charges to the Authority's "new" fund source, being the California (CA) State Funds. Executive Director Edson previously mentioned it to the Board, the Authority included State Funds in the FY 2022-23 budget, and however, at the time the budget was presented the Authority had not yet received those funds. Executive Director Edson further mentioned the Authority did receive those funds late December 2022, and thus have been utilizing the funds appropriately since that time. Executive Director Edson expressed that given this, the Authority plans to bring to Finance Committee together later this month, and to the Board in June, a Budget Adjustment which realizes the use of CA State Funds for certain expenditures that are not eligible for grant funds. Executive Director Edson said that aside from that, as Agenda Item H details, the Authority continues to spend "under budget" out of the Authority's AT&T Business Agreement Funds.

Executive Director Edson took a moment to say to congratulations and say farewell to Board Member Mark Alexander, who was attending this, his last meeting. Executive Director Edson shared that Board Member Alexander arrived at the La Cañada Flintridge in October 1988 and became the sixth (6<sup>th</sup>) appointed City Manager. Executive Director Edson further shared the Board Member Alexander was initially appointed as an Administrative Assistant and was later promoted to Assistant to the City Manager, Assistant City Manager, and Deputy City Attorney. Executive Director Edson went on to say that Board Member Alexander was named City Manager in June 2003. Executive Director Edson mentioned that Board Member Alexander has held the position 20 years, becoming the longest-serving City Manager and longest-tenured employee (at 35 years) of the City's forty-seven (47) year history. Executive Director Edson expressed that Board Member Alexander holds the distinction of being the longest-tenured City Manager in the entire San Gabriel Valley.

Executive Director Edson shared some unknown facts about Board Member Alexander, that he started his municipal engagement as a Commission Appointee to the City of San Dimas' Juvenile Justice Commission upon entering his high school years, and Board Member Alexander's retirement will complete a forty-four



(44) year career in local government. Executive Director Edson said that Board Member Alexander was offered his first internship with the City of San Dimas when he commenced his undergraduate college education. Executive Director Edson said that later, Board Member Alexander went on to serve in various administrative positions with the cities of Glendora and Simi Valley before landing in the City of La Cañada Flintridge.

Executive Director Edson stated that Board Member Alexander's accomplishments are too great to speak of, but went on to say that as an active member of the city management profession, Board Member Alexander has served on numerous boards and committees, as well having held several leadership positions, Executive Director Edson jokingly said the most prestigious, of course, being that of a LA-RICS Board Member. Executive Director Edson Board Member Alexander's started with LA-RICS in 2005 before there was a LA-RICS or a Joint Power Authority (JPA). Executive Director Edson further said that Board Member Alexander was instrumental and actively involved in the creation of the JPA, membership and by-laws, in 2009. Executive Director Edson believes that fourteen (14) years of Board Member Alexander's twenty (20) years as City Manager, he represented the Contract Cities on this Board. Executive Director Edson concluded by saying the he has known Board Member Alexander all this time and does not believe there was anyone else that could have better represented Contract Cities. Executive Director Edson said in fact, his knowledge and expertise in city government benefitted this JPA and every city in this County.

Executive Director Edson concluded by saying that from the entire LA-RICS team, he thanked and congratulate Board Member Alexander, wishing him the best. Executive Director Edson said the Authority will invite him back come time for full system acceptance. Executive Director Edson presented Board Member Alexander with a plaque.

Board Member Alexander said he has enjoyed his eighteen (18) years doing this important work that everyone has been doing and commends everyone for volunteering their time to be part of this which is so important. Board Member Alexander said there have been millions of dollars and thousands of hours that have been invested in something very important for the County that was vastly needed and identified after the 911 aftermath, which will be helpful and useful for the County residents. Board Member Alexander thanked everyone, but especially thanked the staff because they have been so wonderful to work with for the last eighteen (18) years of his involvement with LA-RICS. Board Member Alexander recalled the year LA-RICS started was also the same year he was as the meeting of Contract Cities and jokingly said he took the job that no one else wanted, but it has been a great experience.

This concluded the report on Agenda Item B by Executive Director Edson. There was no further discussion.



**C. Project Manager's Report – Riad EIMasri**

Deputy Program Manager Riad EIMasri greeted the Board and presented Agenda Item C.

April Successes

Deputy Program Manager EIMasri provided the April 2023 highlights and stated that dry conditions with a warming trend and elevated temperatures in April helped dry out the hills at the Angeles Forest sites and made the roads to these sites easier to navigate. Deputy Program Manager EIMasri further provided the Board details in regards to the stretch of dryness that came after the latest storms in February and March, which caused equipment damage at the MMC site and damaged access roads to key DTVRS sites. Deputy Program Manager EIMasri said these events delayed the DTVRS subsystem cutover initially scheduled to start on March 16, 2023.

Deputy Program Manager EIMasri stated the clearance in the weather helped speed preparation efforts for the DTVRS subsystem cutover with a focus on MMC site restoration effort and Microwave Link alignment issues.

Deputy Program Manager EIMasri reported that restoration work at the MMC site continues to be in progress with MSI crews working through weekends as long as wind condition allow it, the focus would be on repairing and restoring Microwave links and DTVRS elements as a priority.

Deputy Program Manager EIMasri provided details on site access roads and said that dry conditions helped MSI crews to reach and resume repair work to restore Microwave links at several DTVRS sites. Deputy Program Manager EIMasri also said that Microwave repair and restoration efforts included the following links:

- Magic Mountain Link (MML) to three (3) sites, City of Los Angeles Fire Del Valle (LACFDEL), Hauser Peak (HPK), and Mount Lukens 2(MTL2).
- Burnt Peak 1 (BUR1) to Whitaker Ridge (WTR)
- MMC to two (2) sites: Grass Mountain (GMT) and Hauser Peak (HPK).
- Whitaker Middle Peak (WMP) and three (3) sites: Portal Ridge (PRG), Tejon Peak (TPK), and Oat Mountain Nike (ONK).

Deputy Program Manager EIMasri said there were two (2) term solutions, long and short, but currently the short term solution for commercial power at the Green Mountain (GRM) site, was to use power from existing service limited to 37 KVA. Deputy Program Manager EIMasri also said this service currently feeds a LAPD equipment shelter next to the LA-RICS shelter.



Deputy Program Manager EIMasri confirmed that LA-RICS was awaiting the results of a ten (10) day load study that was requested by the City of Los Angeles (City) Department of Water and Power (LADWP) at both LARICS and the adjacent City Police Department (LAPD) shelters to confirm if the LADWP would be able to provide adequate power to the LA-RCIS service with the existing infrastructure. Deputy Program Manager EIMasri mentioned that loggers were installed on April 25, 2023 for the ten (10) day load study and would be picked up next week on May 9, 2023.

Deputy Program Manager EIMasri informed the Board the long term solution will be underway once a meter is under the Authority's name and will request LADWP for an upgrade to have 100 KVA.

Deputy Program Manager EIMasri that Right of Entry (ROE) Authorizations and migration coordination efforts continue with County ISD.

Deputy Program Manager EIMasri said the Low Band Testing & ACAP Audio Grading started on March 15, 2023, and would continue through the first week of May 2023, pending replacement of a damaged Low Band Channel antenna at the MMC site, which currently the antenna is at the site but waiting for wind conditions to allow installation.

Deputy Program Manager EIMasri mentioned the Narrowband Mobile Data Network 1 (NMDN1) Subsystem remains operational, as well as with no major issues reported on the monthly reports.

#### April Challenges

Project Team Lead EIMasri said that as for April challenges tower crews at the MMC site have cancelled and lost many tower work hours due to high winds at the site.

Deputy Program Manager EIMasri shared that MSI crews have not been able to access the Frost Peak (FRP) site, which is due to snow accumulation on the site ground reaching up to the shelter's roof, causing road closure by the Mountain High ski resort. Deputy Program Manager EIMasri went on to share that Mountain High did announce that May 1, 2023, was the last day of the skiing season and would be closed effective May 2, 2023. Mountain High closed the road until a certain portion, the Authority is working to coordinate efforts to clear up the remaining part of the road going to FRP site.

Deputy Program Manager EIMasri reported the same as the previous month, the road to the WMP site is badly washed away in many sections, which currently does not provide a safe way to get a work truck up to the site and continues to be a



struggle. Deputy Program Manager EIMasri said this is an orphan site that no one has interest in nor any equipment, therefore, are left alone to fix the road.

#### MMC Site

Deputy Program Manager EIMasri addressed a presentation slide that contained only eight (8) DTVRS Radio Frequency (RF) cables, as well as four (4) Microwave lines that were replaced out of 28 RF cables that were damaged by ice.

#### Microwave Link Repair Work

Deputy Program Manager EIMasri mentioned that LA-RICS has documented field observations following MSI's effort to reinforce Microwave mounts and realign Microwave Links at WMP and MML sites. Deputy Program Manager EIMasri believes the source of the Microwave link alignment problem at most if not all links stems from the same tie-back clip (collar) mounting hardware used to anchor the dish tiebacks to the tower legs.

#### LA-RICS LMR Program IMS

Deputy Program Manager EIMasri said the team was tracking progress off an approved IMS February 7, 2023 DD. However, Deputy Program Manager EIMasri also said that MSI's IMS dated April 11, 2023 DD, was submitted on April 23, 2023, is currently still under review. Deputy Program Manager EIMasri further said the IMS reflects the forecast of a final System Acceptance date of December 12, 2023. Deputy Program Manager EIMasri said with the DTVRS subsystem start date actualized on May 1, 2023, the focus now is on the remaining three (3) subsystems, which are LARTCS, ACVRS and NMDN2. Deputy Program Manager EIMasri mentioned the complete rebuild and restoration of the MMC site remains the critical variable as it is affected by weather and equipment delivery.

#### May Focus Items

Deputy Program Manager EIMasri said that May focus starts with the MMC site restoration work to complete all of the other work and cable installation, as well as completing any work enforcing Microwave dish mounts.

Deputy Program Manager EIMasri mentioned that staff continues receiving and processing Closeout documentation owed by MSI.

Deputy Program Manager EIMasri confirmed that staff would continue to coordinate the efforts to provide commercial utility to the GRM site.

Deputy Program Manager EIMasri said that staff continues preparation for the main subsystems cutover, which are LARTCS, ACVRS and NMDN2.



Deputy Program Manager EIMasri shared that staff continues to explore road access repair options to WMP Site, as well as to provide the MCI site a permanent back-up generator.

This concluded the presentation and report on Agenda Item C by Project Team Lead Riad EIMasri.

There was no further discussion.

**D. Joint Operations and Technical Chair's Report –**

Operations Lead Lieutenant Robert Weber greeted the Board and provided them with a report on the Joint Operations and Technical Committee meeting that was held on Tuesday, May 2, 2023. Operations Lead Lt. Weber further reported there was quorum; no public comments, and no consent calendar and moved on to reports, the LMR Update by Deputy Program Manager EIMasri, similar to the Program Manager Report.

Under Discussion Items, Operations Lead Lt. Weber presented Agenda Item B, the LASD cutover to the DTVRS system, given the Authority's subsystem acceptance, as well as how the LASD full testing was moving forward and how the cutover progress was moving forward.

Operations Lead Lt. Weber said that under Discussion Items there was a very important and monumental part of his report, in which he was able to perform a demonstration with the Torrance PD on the Authority's Inter Subsystem Interface (ISSI), which the Joint Committees are recommending for approval. Operations Lead Lt. Weber stated the demonstration consisted of a connection between the Torrance PD and LASD regional Talkgroups, which demonstrated that during an emergency or a critical incident direct and quick connection between Talkgroups could occur, to have communication, and Interoperability. Operations Lead Lt. Weber shared there was a conversation during the demonstration with Officer Slauson who was in front of the Torrance PD on one of their Tactical Talkgroups, as Operations Lead Lt. Weber was on a Regional Tactical Talkgroup.

Operations Lead Lt. Weber shared that after the demonstration there was a discussion as to how it would work, in which Board and Joint Committee Member Chief Vincent Capelle, also dialogued as to how it would work with the Fire Department and planning for that in the future. Operations Lead Lt. Weber expressed that interoperability being the sole purpose of the Project, the Joint Committees moved to recommend the Board to approve the ISSI MOU that has been in works for quite some time.





Operations Lead Lt. Weber informed the Board the Joint Committees voted on an updated 2023 Joint Committee Meeting Schedule, reflecting the change to have monthly meetings.

Operations Lead Lt. Weber said the meeting adjourned, since there were no other matters to address.

Alternate Chair Yanagi asked if Torrance PD stood alone, if they dispatched, or have communications with other agencies. Operations Lead Lt. Weber believed that Torrance PD does have communications with other agencies and have their own dispatch, as well as being on Interagency Communications Interoperability (ICI).

Executive Director Edson added the ISSI MOU would be presented under Agenda Item L. Executive Director Edson said that what is important about the Joint Committees moving their meetings to being monthly, is because they will be working on all of the policies, procedures, standing and operating issues that need to take place between Fire, law, Emergency Management System (EMS) interoperability for the future.

Board Member Capelle wondered if the MOU was just to provide the ability to do the patching for the spoke model, and there would be a different MOU if there are ICI Members who want to use LA-RICS in a fee for service type. Executive Director Edson said yes, that would be the case.

This concluded the presentation and report on Agenda Item D by Project Operations Lead Lt. Weber.

**E. Finance Committee Chair's Report – None**

**VII. DISCUSSION ITEMS (F – H)**

**F. Spectrum and Licensing Issues Impacting Land Mobile Radio Deployment – Ted Pao**

Technical Lead Ted Pao reported that currently there is no update on the Federal Communications Commission (FCC) regarding the two (2) outstanding license applications for Tejon Peak (TPK), which are ACVRS and NMDN. Technical Lead Pao shared the Authority is currently operating on the Special Temporary Authorization (STA) for NMDN and temporary permit for the Authority's ACVRS.

Technical Lead Pao reported on interference issues and said the Authority continues its discussion with County ISD regarding working with wireless microphone manufactures, venues, and broadcast industry to educate about Channel 15 in the Los Angeles Region, which are LMR DTVRS, the UHF system



that it is operating on. Technical Lead Pao went on to say that as previously reported, the Authority has found that wireless microphone system for event venues, such as Crypto Center and Dodger Stadium have occasionally used Channel 15 spectrum. Technical Lead Pao reported that although these are very low powered transmitters, they may still cause operational issues for the Authority's end-users. Technical Lead Pao stated that it has been observed these offending transmitters on Channel 16, which a large number of public safety LMR System in Los Angeles have been using since the 1980's.

Technical Lead Pao detailed there was one instance in which ISD was able to track down a band using the frequency operated by the LACoFD when they were causing interference to the system. Technical Lead Pao expressed this is a real issue and a lot of things going on in the region, e.g. concerts and other events going on continuously; the Authority will keep an eye on this issue.

This concluded the update on Agenda Item F. There was no further discussion.

**G. Outreach Update – Lieutenant Robert Weber**

Operations Lead Lieutenant (Lt.) Robert Weber greeted Board members and referenced the detailed Outreach Summary document for the month of April included in the Agenda Packet for review and information.

Operations Lead Lt. Weber reported that during the month of April 2023, Authority staff and personnel (MS) started testing for the ACVRS and LARTCS. Operations Lead Lt. Weber explained the process has been streamlined as much as possible and continues to make good progress. Operations Lead Lt. Weber shared that Authority staff and personnel from the County of Los Angeles (County) Sheriff's Department (LASD) Communications and Fleet Management Bureau (CFMB) conducted several specialized ATV operations in order to provide MSI access to the Whitaker Middle Peak (WMP) communications site. Operations Lead Lt. Weber further reported this site was a critical microwave link for DTVRS and road access to the site was completely cut off during the winter storms. Operations Lead Lt. Weber shared that with the LASDs assistance, MSI was able to reach the site to perform critical microwave realignment. Operations Lead Lt. Weber went on to say these repairs along with the work at the MMC have been paramount to DTVRS cutover scheduled for early May 2023. Operations Lead Lt. Weber mentioned that Authority staff and LASD Personnel also conducted several specialized four-wheel drive refueling operations to keep the GRM and BUR1 communications sites on line.

Operations Lead Lt. Weber informed the Board that Authority staff conducted additional outreach to the City of Lakewood regarding their Sky-Night helicopter patrol program. Operations Lead Lt. Weber said Authority staff also conducted additional outreach to the City of Industry. Operations Lead Lt. Weber went on to



say that these cities are all evaluating their communications needs and the possibility of using LA-RICS. Operations Lead Lt. Weber stated that Authority staff would be working closely with these agencies to ensure their needs are met. Operations Lead Lt. Weber also stated that Authority also have several MOUs in process with other cities.

This concluded the update on Agenda Item G. Operations Lead Lt. Weber asked if there were any questions.

There was no further discussion.

**H. Statements of Receipts & Disbursements for AT&T Business Agreement Fund for Public Safety Broadband Network (PSBN)**

Deputy Executive Director Ron Watson presented Agenda item H to the Board with the report of uses of the AT&T Business Agreement funds through March 31, 2023. Deputy Executive Director Watson stated that is was previously reported to the Board for the last quarter, expenditures paid for by the Business Agreement funds are those items which are not eligible for grant funding such as management and administration items including the Executive Director and certain fiscal and grants management staff. Deputy Executive Director Watson said these expenditures fall under Member Funded line items within the Board's Adopted Budget and are paid for out of the funds secured via the AT&T Business Agreement. Deputy Executive Director Watson went on to say the expenditures detailed in this quarters' report are in line with the adopted budget, and actually under budget. Deputy Executive Director Watson concluded by saying the quarterly statement is prepared by the LA-RICS Authority's fiscal agent and the County of Los Angeles Auditor-Controller. This is a Receive and File item.

This concluded the update on Agenda Item H. Deputy Executive Director Watson asked if there were any questions.

Board Member Alexander motioned to Receive and File.

There was no further discussion.

**MOTION RECEIVED AND FILED.**

**I. ACCEPT 2022 STATE URBAN AREAS SECURITY INITIATIVE (UASI) FUNDS**

Deputy Executive Director Watson addressed the Board seeking approval of Agenda Item I on behalf of the Authority for acceptance of the \$11.7 million in grant funds from UASI 2022 grant award, distributed through Cal OES; to authorize the Executive Director to execute the enclosed UASI 2022 sub-recipient agreement between the City of Los Angeles and LA-RICS; and to delegate authority to the



Executive Director to execute any subsequent amendments that do not change the grant award.

Deputy Executive Director Watson stated that as Director Edson mentioned in his report, the UASI voted to award \$15 million to LA-RICS over the course of three (3) grant years (UASI '22, '23, and '24). Deputy Executive Director Watson stated that given the Authority's system acceptance will occur later this year, the funds were needed sooner versus later, and thanks to the County of Los Angeles Fire Department as well as Sheriff's Department, we were able to swap workbooks allowing LA-RICS to receive approximately \$11.7 million in UASI '22 and remaining \$3.3 million in UASI '23 award.

This concluded the update on Agenda Item I. Deputy Executive Director Watson asked if there were any questions.

There was no further discussion.

Alternate Chair Yanagi asked if there were any questions, to which there were none. Board Member Povero motioned first, seconded by Alternate Board Member Eleni Pappas.

Ayes 8: Luke, Pappas, Yanagi, Rifenburg, Capelle, Alexander, Povero, and Cochran.

**MOTION APPROVED.**

**J. CALIFORNIA JOINT POWERS INSURANCE AUTHORITY – CERTIFICATION OF DIRECTOR AND ALTERNATE(S)**

Executive Director Edson recommended the Board designate a Board member to serve as the appointee to represent the Authority on the California Joint Powers Insurance Authority (CJPIA), and the Executive Director to serve as an Alternate appointee. All in accordance with the provisions of article 7 of the CJPIA Executive Director Edson asked to recall that at the last Board meeting this item was tabled in the hopes that maybe a recruited Board Member would replace Mark Alexander and be interested in this position.

Executive Director Edson asked if the Board would like to appoint any Board Members present or if Board Member Alexander has anything to add or provide regarding his replacement. Board Member Alexander stated that a colleague expressed interest in joining the Board, currently the City of Industry City Manager, Josh Nelson, and the Authority has already reached out to him, but it is really in the hands of the Contract Cities going through the formal appointment process. Board Member Alexander went on to say that a CJPIA Director does not have to be a



CJPIA Member, there is a major meeting to attend that entails a dinner and presentation on the Budget status and adoption of the Budget for the following year.

Alternate Chair Yanagi was not sure that tabling the item would allow for more information to be brought forward and asked Board Member Alexander if his replacement would be able to be appointed.

Board Member Capelle stated that West Covina is a CJPIA Member and he is a new Member on the LA-RICS Board of Directors, he offered to represent the LA-RICS JPA.

Alternate Board Member Pappas nominated Board Member Capelle. At which point, Alternate Chair Yanagi formally asked if there were any questions, to which there were none. Alternate Board Member Yanagi seconded the motion.

Ayes 7: Luke, Pappas, Yanagi, Rifenburg, Capelle, Alexander, and Povero

Alternate Board Member Neal Cochran stepped away and did not participate in the vote.

**MOTION APPROVED.**

**K. DELEGATE AUTHORITY TO THE EXECUTIVE DIRECTOR TO ENLIST THE ASSISTANCE OF THE COUNTY OF LOS ANGELES AND OTHER GOVERNMENTAL AGENCIES FOR VARIOUS SERVICES AT LAND MOBILE RADIO SYSTEM SITES**

Executive Director Edson presented Agenda Item K, requesting the Board delegate authority to the Executive Director to enlist the assistance from the County and other governmental agencies to perform various services in-house, via competitive bid, or via emergency processes managed by the County or the governmental agency by way of issuance of a written request for services that may be needed by the Authority at LMR System sites for an aggregate not-to-exceed amount of \$325,000. Executive Director Edson went on to say that if the Board approved it, such costs would be funded by the UASI grant, in particular from the Contingency line item for unforeseen work and captured in the LA-RICS Adopted Operating Budget.

Executive Director Edson Once your Board approves, the Executive Director will report quarterly regarding what costs, if any, were incurred for services as well as inform your Board of the remaining balance of the not-to-exceed budgeted amount.

As Executive Director mentioned in his report, MSI is refusing any “new” work / including road repair work and tower demolition work, which is required in order to continue to deploy the LMR system through System Acceptance. Executive



Director Edson went on to say the IFB vendor retained by the Authority to perform certain work is limited to their specific scope and has also refused to perform certain work, therefore, the Authority is working with the County, as well as with other agencies such as the US Forest Service, to perform certain work such as: Road repair work; generator work; conduit installation work; and tower removal work.

Lastly, Contracts Executive Director Edson recommended the Board approve Agenda Item K, that comes from the UASI grant, contingency line item and available to the Authority for emergency services.

Executive Director Edson concluded Agenda Item K. There was no further discussion.

Board Member Alexander asked Executive Director Edson for clarification if it is a competitive bid process or in an emergency, or if it is a competitive bid process or when deemed necessary basically clarification whether it should be used when it is an emergency or when it is deemed necessary. Executive Director stated that it is both; in an emergency or through a County process that is already in place (pre-approved vendors and services) and appropriate when then deemed necessary.

Board member Capelle asked if the item returns to the Board for notification, to which Executive Director Edson said that it does not, as long it is within the dollar amount, he is allowed to execute it.

Alternate Chair Yanagi asked for a motion to approve. Alternate Board Member Pappas motioned first, seconded by Board Member Povero.

Ayes 7: Luke, Pappas, Yanagi, Rifenburg, Capelle, Alexander, and Povero.

Alternate Board Member Neal Cochran stepped away and did not participate in the vote.

**MOTION APPROVED.**

**L. LA-RICS AND INTERAGENCY COMMUNICATIONS INTEROPERABILITY SYSTEM AUTHORITY ISSI CONNECTION MEMORANDUM OF UNDERSTANDING**

Operations Lead Lt. Weber presented Agenda Item L, LA-RICS and Interagency Communication Interoperability System Authority Inter Subsystem Interface (ISSI) Connection Memorandum of Understanding (MOU), on behalf of the Authority recommended the Board to approve the MOU between LA-RICS and ICI, included in the package enclosure. Operations Lead Lt. Weber detailed that execution of the MOU would allow for, among other things, the oversight, use, control, coordination and management of the regional Talkgroups using the ISSI



connection; to delegate authority to the Executive Director to execute the ISSI MOU with ICI; and to delegate authority to the Executive Director to approve and execute amendments to the ICI ISSI MOU, provided they are approved as to form by Counsel to the Authority.

Operations Lead Lt. Weber expressed this was the ISSI connection that he previously spoke about during his reporting of the Joint Operations and Technical Committees meeting on May 2, 2023, which is extremely monumental and paramount to the Authority's operability Hub and spoke model of interoperability.

Alternate Member Yanagi asked if in the wording between the MOU and ICI it specifies if the MOU could be used with other entities, e.g. South Bay or LAPD. Operations Lead Lt. Weber said the current MOU is specific to the ICI system (MSI System) and LA-RICS System (they are compatible with one another). Operations Lead Lt. Weber stated that he could only assume that it would be a similar template MOU, which would require another MOU with that other entity detailing the specifics to that MOU.

Board Member Capelle asked for clarification if the only other digital trunked system available, other than ICI is the City LAPD. To Operations Lead Lt. Weber's understanding, that is correct but they are not a full P25 Phase 2 yet, but does cover any/all of the agencies that are connected with the ICI System. Operations Lead Lt. Weber went on to say that also included are the Fire Departments, but would have to see how that would pan out, and what addendums would be worked out at the Executive Director's direction.

Operations Lead Lt. Weber concluded Agenda Item L. There was no further discussion.

Alternate Chair Yanagi asked if there were any questions, but seeing there were none he asked for a motion to approve. Alternate Board Member Leslie Luke motioned first, seconded by Board Member Alexander.

Ayes 8: Luke, Pappas, Yanagi, Rifenburg, Capelle, Alexander, Povero, and Cochran.

**MOTION APPROVED.**

**VIII. ADMINISTRATIVE MATTERS – NONE**

**IX. MISCELLANEOUS – NONE**

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



**XI. CLOSED SESSION REPORT** – There was no closed session scheduled for this Board meeting.

**XII. ADJOURNMENT OF THE REGULAR MEETING AND NEXT REGULAR MEETING**

Executive Director Edson stated that currently the meeting location for the next Board meeting would probably be held at the East Los Angeles College (ELAC) Administrative Offices.

Alternate Board Chair Yanagi stated the next Regular Board Meeting would be held on Thursday, June 1, 2023, at 9:00 a.m., at the County of Los Angeles Sheriff's Department (LASD), ELAC Community College Bureau, 1055 Corporate Center Drive, Monterey Park, CA 91754.

Alternate Board Chair Yanagi called for a motion to adjourn the Regular Meeting at 10:53 a.m. Board Member Alexander motioned.



# EXECUTIVE SUMMARY

JUNE 1, 2023

## LMR UPDATE

- Phase 2 – Construction Activities
  - ✓ All sites have completed construction.
  - ✓ LA-RICS has developed a Request for Qualifications (RFQ) to solicit pricing for the delivery of a new roll up generator at the MCI site as well as installation of a permanent generator and accompanying Automatic Transfer Switch (ATS). Currently the site is backed up by a roll up generator on loan from the County of Los (County) Angeles Sheriff's Department (LASD).
  - ✓ Motorola Solutions Inc., (MSI) is still performing some alterations to sites such as antenna adjustments and building envelope corrections to keep water out of shelters, which will be monitored and must be completed prior to the Final System Acceptance Milestone in November 2023.
  - ✓ Due to the recent weather occurring across the region and improper design by MSI, substantial damage was caused to the Mount McDill (MMC) ice bridge and antenna lines leading to the site being taken down by MSI in March. Since then, the ice bridge has been restored, the microwave system repaired restoring network backhaul, and the Digital Trunked Voice Radio System (DTVRS) has been brought back online. Work is underway on restoring the remaining subsystems that were damaged by the storm such as Narrowband Mobile Data Network (NMDN), Analog Conventional Voice Radio Subsystem (ACVRS), and Los Angeles Regional Tactical Communications System (LARTCS).
  - ✓ Below is a breakdown of the current status for Green Mountain (GRM) and Burnt Peak 1 (BUR1) sites regarding power connections that are classified as Phase 2 scope that could not be performed as planned due to extenuating circumstances:
    - For power at the GRM site, LA-RICS is currently investigating a potential reduced power draw solution that would not require any major power upgrades by the service provider to accomplish. This solution would require LA-RICS to waive growth capacity for this location and as such it is being deemed as a temporary solution while a full power service upgrade is still to be pursued at a later date. BUR1 site received a report by Southern California Edison on April 14, 2023, that the solar/ propane power plant is planned to be operational Quarter Four 2023.
- Phase 4 – Optimization and Closeout
  - ✓ The DTVRS is complete with all thirty-three (33) cells on the air, which is comprised of fifty-eight (58) physical sites. The system was scheduled for cutover April 17, 2023, but has since been delayed to May 1, 2023. MSI reports the cause of delay is due to the effects of the recent weather damaging several sites including

# EXECUTIVE SUMMARY

JUNE 1, 2023

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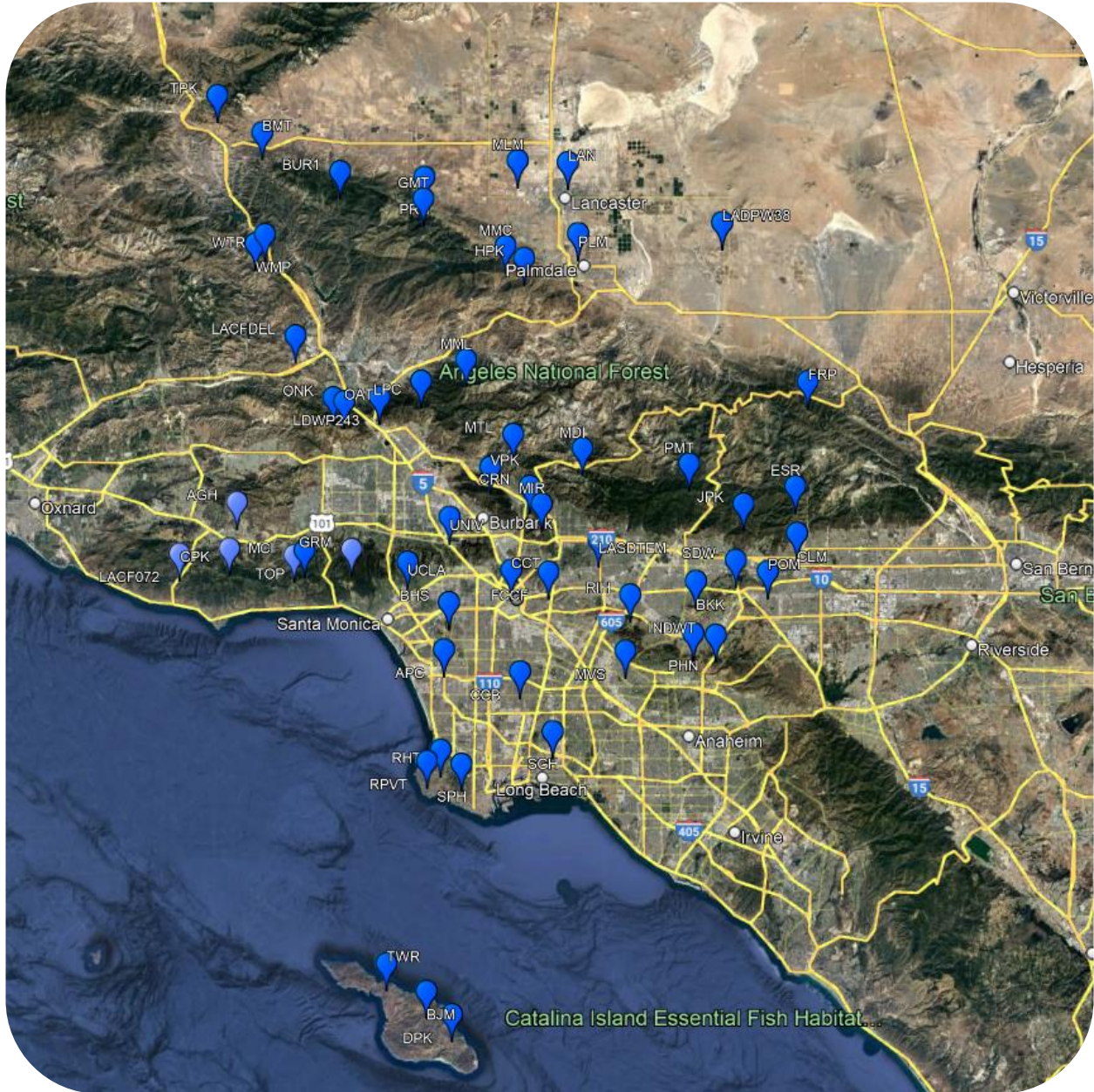
the complete shutdown of site Mount McDill (MMC) along with loss of alignment on Microwave dishes at several sites. With the DTVRS on the critical path for the project, MSI reports that the current forecasted Final System Acceptance date has been delayed to December 12, 2023, and we are reviewing that schedule now.

- ✓ Cutover for the DTVRS officially began May 1, 2023. The process for cutting over users is being managed by the Program Management (PM) Team with regular meetings consisting of LASD, County Fire Department (LACoFD), and Authority staff, with representation from MSI.
- ✓ Coverage testing is now focused on the LARTCS and ACVRS. This activity was accelerated in an effort to compress and make up for recent weather-related schedule delays. LARTCS low-band testing has begun as well as ACVRS TRO6 Regional.
- ✓ With the completion of the final Phase 4 site audit walks and the Phase 4A Closeout Books (COB), remaining Phase 4B documentation is being worked on jointly between MSI and LA-RICS. The subsystem specific documentation provided a part of Phase 4B is comprised of nearly 5,000 individual documents and as such will take significant time for the team to process. Phase 2 documentation is nearing completion with the last remaining deliverables being the updated record construction drawings noting all changes that have occurred to date. MSI has submitted all but one site and the LA-RICS team has reviewed and approved thirty-four (34) of the fifty-seven (57) provided As-built drawings thus far.

# EXECUTIVE SUMMARY

JUNE 1, 2023

## LMR SITES



# EXECUTIVE SUMMARY

JUNE 1, 2023

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	\$35,000,030	\$ 35,000,030	\$-	5/31/21
UASI 19	\$35,000,000	\$35,000,000	\$35,000,000	\$-	12/31/22
UASI 21	\$2,000,000	\$2,000,000	\$1,835,890	\$-	5/31/24
UASI 22	*\$11,688,338	\$6,607,396	\$3,890,862	\$5,080,942	5/31/25
UASI 23	*\$3,311,662	\$-	\$-	\$3,311,662	5/31/26
UASI 24	*\$0	\$-	\$-	\$0	5/31/27
SHSP 22	\$3,520,000	\$-	\$-	\$3,520,000	5/31/25
SHSP 23	\$1,760,000	\$-	\$-	\$1,760,000	5/31/26
SHSP 24	\$1,120,000	\$-	\$-	\$1,120,000	5/31/27
State Budget Act of 2022 Funds	\$18,600,000	\$-	\$140,000	\$18,460,000	6/30/25
BTOP	\$149,608,227	\$149,608,227	\$149,608,227	\$ 0	9/30/20

\* Moved \$6,688,338 to UASI 22 from UASI 23 and 24 based on approved project swaps with County Fire and Sheriff

# 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. All sites in both the LMR and LTE augmentation 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 Project Management Company

## *Communications Vendor:*

LMR - Motorola Solutions, Inc., Brandow &  
Johnston

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



Monthly Report No. 133

June 1st, 2023

Submitted May 25, 2023

Reporting Period: 04/19/23 – 05/17/23

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**AGENDA ITEM C**

## GENERAL UPDATES

### Operations/Governance

- LA-RICS Operations holds regular meetings to focus on the following:
  1. Manage network migration to LA-RICS to meet milestone cut-over dates established in the approved IMS.
  2. Ensure internal LA-RICS operational aspects are in place.
  3. Develop and Implement Policies as determined by the operations contributors.

### Special Events

- No new activity.

## LMR UPDATES

### Environmental Update

- We anticipate the potential need for environmental monitoring for the installation of the power infrastructure from LADWP at the GRM site, which is not yet scheduled.
- The Project Team has accomplished Worker Environmental Awareness Program (WEAP) training for 1,751 persons as of May 11, 2023, this was the last training session during the period.

### Phase 1: Permitting Support

- The final building permit for the MCI site was issued on May 19, 2022, Fifty-nine (59) building permit applications have been made to date (AGH, APC, BHS, BJM, BKK, BMT, BUR1, CCB, CCT, CITYWLK, CLM, CPK, CRN, DPK, DPW38, ESR, FCCF, FRP, GMT, GRM, HPK, INDWT, JPK2, LACF072, LACFDEL, LAN, LARICSHQ, LASDTEM, LDWP243, LPC, MCI, MDI, MLM, MMC, MML, MIR, MTL2, MVS, OAT, ONK, PHN, PLM, PMT, POM, PRG, RIH, RHT, RPVT, SDW, SGH, SPH, SPN, TOP, TPK, TWR, UCLA, UNIV, VPK, WMP, WTR), representing 58 Program sites.

### Phase 2: Site/Civil

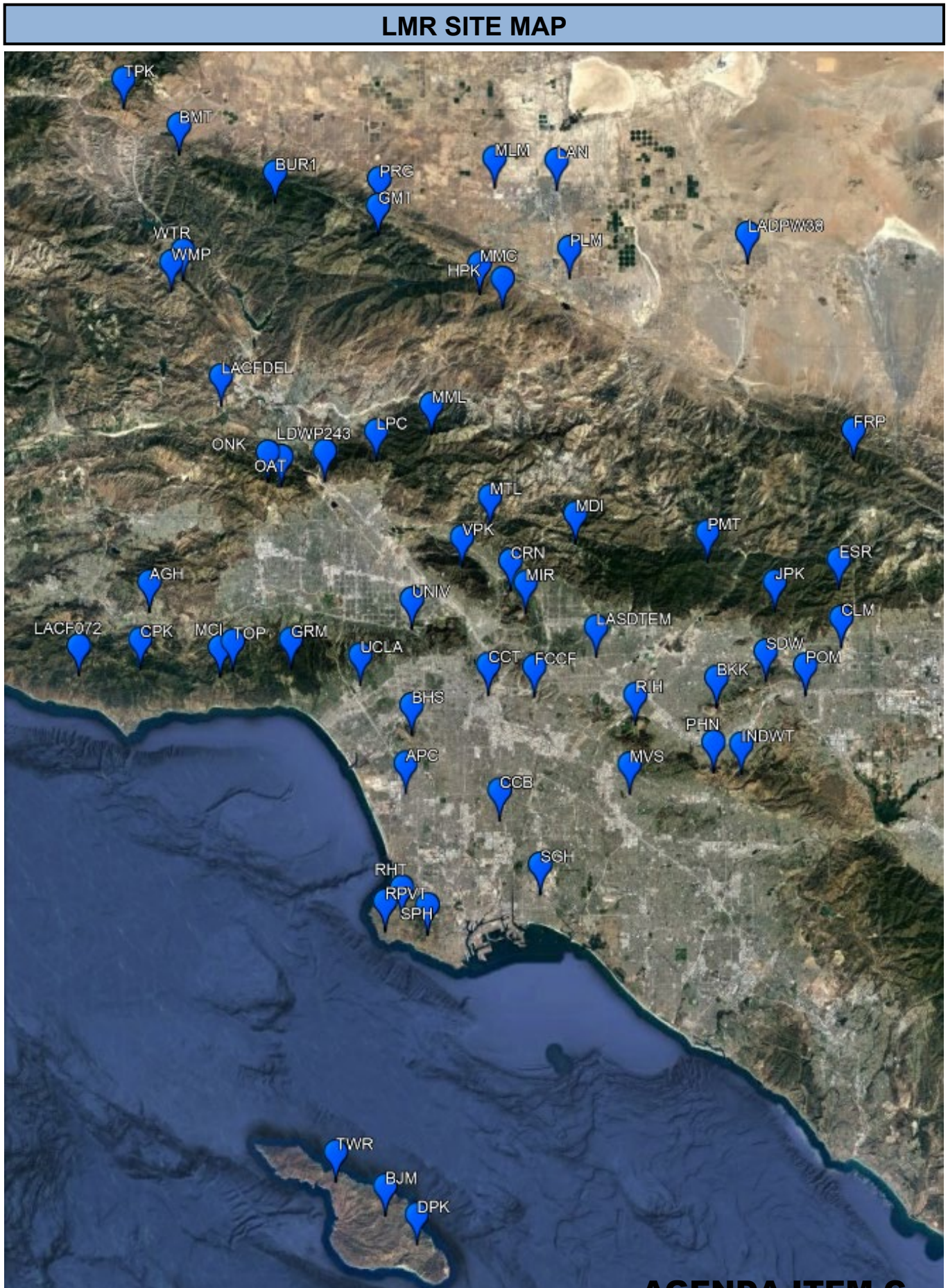
- All Site Access Agreements (SAA's) are executed and active.
- 58 sites have been constructed and tested through Ph4a.
- 56 sites have commercial power, this includes MCI, where LA-RICS took over the existing 200-amp service on site and upgraded it to 400 amps through Southern California Edison. Of the 2 remaining sites pending commercial power, 2 (BUR1 and GRM) sites are running on diesel generators as an interim solution.
- Restoration work at MMC following the recent ice damage started March 13<sup>th</sup>, 2023. Since then, the ice bridge has been restored, the microwave system repaired restoring network backhaul, and the Digital Trunked Voice Radio System (DTVRS) has been brought back online. Work is underway on restoring the remaining subsystems that were damaged by the storm and poor design, such as NMDN, ACRVRS, and LARTCS.
- The approved IMS update (data date 2/7/2023) shows a final system acceptance date of October 26, 2023. However, MSI has reported that the final system acceptance milestone will be pushed out to December 2023 following delays to DTVRS cutover caused by the restoration work of the MMC site and the resolution of microwave realignment issues. Motorola claims that the loss alignment on the microwave network was caused by severe weather, however the LARICS team has investigated and found reason to believe the cause was installation and design issues by MSI. Motorola chose to install the ice shielding for the microwave dishes onto the same pipe as the microwave dishes adding unaccounted wind loads. Additionally, MSI lacked the appropriate placement of kicker supports for the severe weather locations for which these towers resided.
- Motorola's continues to make progress on the submission of Contract required closeout materials that are packaged as "Closeout Books." The last piece of documentation MSI has left to provide for this deliverable is the AE stamped as-built record drawings. The teams meet multiple times per week to verify that the required documentation is provided as well as to iron out discrepancies between the physical installation and record drawings that have been submitted. This subject has caused both parties grief since the Authority seeks to receive completely accurate record drawings as described in the Contract and has spent extensive review time sorting through discrepancies between the As-Built Record Drawings and red lined drawings to validate that all field changes were correctly documented on the record drawings. MSI contends that the Authority should simply accept what it receives with very limited review, despite acknowledgement that some of the submitted materials contained errors, or omissions. The teams will continue to work toward a resolution since the Agreement requires that the closeout documentation is provided prior to system cutover for DTVRS sites. At this point 34 of the 58 sites have record drawings approved 24 are in review or being revised, while one site remains to be submitted to the Authority for review.
- For power at the GRM site, LARICS is currently investigating a potential reduced power draw solution that would not require any major power upgrades by the service provider to accomplish. This solution would require LARICS to waive growth capacity for this location and as such it is being deemed as a temporary solution while a full power service upgrade is still to be pursued at a later date. The urgency for an interim power solution is driven by the high cost of generator usage, and the site needs the benefit of the back-up power source that will be commissioned once normal utility power is connected.
- The BUR1 site also continues to operate using a rented diesel generator, since Southern California Edison (SCE) has not yet repaired its utility distribution serving the immediate area of the project. On April 12<sup>th</sup>, 2023, SCE held a stakeholder meeting to provide updates on the status of the planned solar/ propane energy distribution plant. SCE is now in receipt of their geotechnical Angeles National Forest (ANF) Special Use Permit (SUP), however there was an internal issue found with the contractor leading to a delay for the investigation until 6/06. The next major milestone is the SUP for the overall Remote Grid System, currently estimated for 7/13/23. Due to delays in geotechnical investigation the overall schedule has slipped from construction completion in October 2023 to December 2023.

- There are no recordable safety issues to report on in this period.

#### **Phase 4: Network**

- Focus of the Ph4 effort is now set on monitoring the performance of the active NMDN1 and DTVRS subsystems, restoring Microwave links that have fallen out of alignment, preparing for the cut-over of the Analog Conventional System (ACVRS), and coverage testing for the upcoming subsystems. DTVRS Subsystem Cutover began as of May 1<sup>st</sup>, with the cutover set to complete May 29<sup>th</sup>. The process for cutting over users is being managed by the Program Management (PM) Team with regular meetings consisting of County of Los Angeles (County) Sheriff's Department (LASD), County Fire Department (LACoFD), and Authority staff, with representation from MSI. The Team is also focused on review of the recently provided subsystem specific Phase 4B documentation. This deliverable is comprised of nearly 5,000 individual documents and as such will take a significant effort by the team to review and approve.
- Regarding microwave dish performance at several coastal sites, MSI has reported that the changes are necessary to provide a more resilient and reliable backhaul system. MSI will have the majority of the microwave dish adjustments completed by the end of July but has reported a struggle with the supply of the new Nokia equipment. At a number of sites MSI has indicated that due to ice, snow and heavy wind events some of the lines and antennas have been damaged and need to be serviced. Regarding FRP, MSI signaled that if access to the site was not restored by May 17<sup>th</sup>, it would result in a day for day slip to the Final System Acceptance Date. The LA-RICS team worked with Public Works to restore access to the site on May 15<sup>th</sup> allowing for the repairs and subsystem optimization efforts needed for the ACVRS/LARTCS cutovers.
- System interference on Ch. 16 is still being investigated by the Sheriff's Department, Fire Department, and ISD along with the technical leads from the LA-RICS Project Team.
  - The coordination between LACoFD, LASD, MSI, and LA-RICS is critical to ensure that frequencies are available for testing and operating the Digital Trunk Voice Radio System (DTVRS), and Analog Conventional System (ACVRS), particularly.

The LMR Site Map is shown below.



**AGENDA ITEM C**





**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>

SCOTT EDSON  
EXECUTIVE DIRECTOR

June 1, 2023

To: LA-RICS Authority Board of Directors

From: Scott Edson   
Executive Director

**SPECTRUM AND LICENSING ISSUES IMPACTING  
LAND MOBILE RADIO DEPLOYMENT**

The purpose of this discussion item is to update your Board on the radio spectrum issue for the Land Mobile Radio System (LMR) system, as well as frequency licensing issues impacting the LMR deployment.

TP:mbc

**AGENDA ITEM F**



## LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

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<http://www.la-rics.org>

SCOTT EDSON  
EXECUTIVE DIRECTOR

June 1, 2023

To: LA-RICS Authority Board of Directors  
From: Scott Edson   
Executive Director

### OUTREACH UPDATE

The purpose of this discussion item is to update your Board on the status of outreach activities pertaining to the LA-RICS Land Mobile Radio (LMR) project. The below meetings occurred since our last report to you:

MUNICIPALITY	MEETING DATE
County of Los Angeles (County) Sheriff's Department (LASD) Communications and Fleet Management Bureau (CFMB) Field Testing	Ongoing in May
Weekly Outreach Meeting	05/01/23
Weekly Outreach Meeting	05/08/23
Weekly Outreach Meeting	05/15/23
Regional Interoperability Working Group	05/18/23
Monthly Meeting – Government Affairs Committee (GAC)	05/18/23
Contract Cities Association 2023 Annual Municipal Seminar, Indian Wells, CA	05/18/23 – 05/19/23
Weekly Outreach Meeting	05/22/23
Cal State Dominguez Hills Outreach	05/24/23
Cal State Northridge Outreach	05/24/23
Weekly Outreach Meeting	05/29/23
City of Lynwood Outreach	05/30/23

**AGENDA ITEM G**

The Executive Director attended several association meetings related to technology, communications, and public safety.

On May 18-19, 2023, Deputy Executive Director Ron Watson attended the Contract Cities Association 2023 Annual Municipal Seminar in Indian Wells, California. Deputy Executive Director Watson's attendance to the seminar afforded him the opportunity to engage with city officials from many of the attending cities as well as engaging members who represent the end users from the law and fire communities that LA-RICS serve or will serve. Deputy Executive Director Watson was able update and inform other attendees of the ongoing efforts of LA-RICS, the status of its projects and discuss challenges and the many successes of the Authority. Deputy Executive Director Watson's attendance was beneficial to LA-RICS by ensuring that municipal leaders and managers of first responder organizations hear that LA-RICS is viable and progressing forward.

During the month of May 2023, Authority staff and personnel from Motorola Solutions Inc. (MSI) continued with testing for the Analog Conventional Voice Radio Subsystem (ACVRS) and Los Angeles Regional Tactical Communications (LARTCS) systems. The testing for the Low Band portion of the systems was completed on May 22, 2023. Authority staff and personnel from the County of Los Angeles (County) Sheriff's Department (LASD) Communications and Fleet Management Bureau (CFMB) conducted additional specialized ATV operations in order to provide MSI access to the Whitaker Middle Peak (WMP) communications site. These operations were necessary as the roads are still damaged to the point that they are not passable with normal vehicles. The Sheriff's Departments cutover to the Digital Trunked Voice Radio Subsystem (DTVRS) system was completed the end of May with no major issues. The Authority Staff continues to work with the County District Attorney's (Das) Office as they plan for full migration to the LA-RICS system. The Authority Staff and LASD Personnel continue to conduct specialized four-wheel drive refueling operations to keep the Green Mountain (GRM) communications site online. We are happy to report that the road to Burnt Peak (BUR) communications site has been cleared and normal commercial refueling has resumed.

Authority staff conducted additional outreach to Cal State Northridge, and Cal State Dominguez Hills Police Departments. They also conducted outreach to the City of Lynwood. These Agencies are all evaluating their communications needs and the possibility of using LA-RICS. Authority staff will work closely with these agencies to ensure their needs are met.

Authority staff members have continued close contact with our State and Federal partners to ensure interoperability during major events and to further collaborate on regional public safety communication.

RJW:mbc



## LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

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SCOTT EDSON  
EXECUTIVE DIRECTOR

June 1, 2023

To: LA-RICS Authority Board of Directors  
From: Scott Edson   
Executive Director

### **REPLACEMENT OF OVERSIGHT COMMITTEE MEMBER**

#### **SUBJECT**

The purpose of this discussion item is to inform your Board of the availability of a seat on the Oversight Committee. If any member of the Board wishes to fill this seat, please notify the Chair of the Board.

#### **BACKGROUND**

The Los Angeles Regional Interoperable Communications System (LA-RICS) Oversight Committee was established by your Board in September 2013, to monitor change orders, amendments, completion of Tasks, Subtasks, Deliverables and Milestones, or any deviation thereof, as it relates to the LMR Agreement. There are only three seats on this committee, and one is now open. Given the recent retirement/departure of Board Member Mark Alexander, who served on the Oversight Committee, a seat on the Oversight Committee is now available.

Should a member of the Board be interested and wish to fill the vacant seat, notification to the Chair of the Board (Chair) is required as the Chair fills the seats on the Oversight Committee at his discretion.

JA:mbc

**AGENDA ITEM H**



# LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

2525 Corporate Place, Suite 100  
Monterey Park, California 91754  
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<http://www.la-rics.org>

SCOTT EDSON  
EXECUTIVE DIRECTOR

June 1, 2023

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

Dear Directors:

## **APPROVE THE FISCAL-YEAR 2022-23 AMENDED LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY OPERATING BUDGET**

### **SUBJECT**

Staff is requesting your Board adopt the Fiscal-Year 2022-23 Amended Los Angeles Regional Interoperable Communications System Authority Operating Budget.

### **RECOMMENDED ACTION**

It is requested that your Board adopt the enclosed Amended Budget to adjust funding sources for budget line items for Project Team staffing, County Counsel, Travel and Training, and Services and Supplies with actual and projected expenditure/uses in Fiscal Year 2022-23. The draft Amended budget is in accordance with the cost factors identified in the Adopted Funding Plan. This reconciliation does not increase the spending amount approved under the prior Adopted Budget.

### **PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

The enclosed Recommended Amended Operating Budget will align actual and projected expenditures with appropriate fund sources while not increasing the spending amount approved under the prior Adopted Budget.

### **FISCAL IMPACT/FINANCING**

The Recommended Amended Operating Budget is in accordance with the cost factors identified in the Adopted Funding Plan.

**AGENDA ITEM I**

LA-RICS Board of Directors

June 1, 2023

Page 2

**FACTS AND PROVISIONS/LEGAL REQUIREMENT.**

The LA-RICS Finance Committee is meeting to review this item and will provide a recommendation to your Board. The Fiscal Agent/County's Auditor-Controller and the Authority's Counsel reviewed the recommended action.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Scott Edson".

SCOTT EDSON  
EXECUTIVE DIRECTOR

Enclosure

c: Counsel to the Authority

**Los Angeles Regional Interoperable Communications System (LA-RICS)  
Recommended Amended Operating Budget  
Fiscal Year 2022-23**

FINANCING USES	FY 2020-21 ACTUALS	FY 2021-22 ADOPTED BUDGET	FY 2021-22 ESTIMATED	FY 2022-23 RECOMMENDED AMENDED
<b><u>GRANT FUNDED EXPENDITURES</u></b>				
<b>Project Team</b>	<b>2,840,841</b>	<b>2,400,000</b>	<b>2,400,000</b>	<b>2,915,000</b>
BTOP	131,290	0	0	0
UASI/SHSP Grant	2,709,551	2,400,000	2,400,000	2,915,000
<b>Travel &amp; Training</b>	<b>556</b>	<b>50,000</b>	<b>0</b>	<b>50,000</b>
BTOP	556	0	0	0
UASI/SHSP Grant	0	50,000	0	50,000
<b>Miscellaneous *(2)</b>	<b>268,345</b>	<b>500,000</b>	<b>249,785</b>	<b>500,000</b>
BTOP	0	0	0	0
UASI/SHSP Grant	268,345	500,000	249,785	500,000
<b>Other Charges *(3)</b>	<b>7,068</b>	<b>451,000</b>	<b>211,280</b>	<b>300,000</b>
BTOP	0	0	0	0
UASI/SHSP Grant	7,068	451,000	211,280	300,000
<b>Contractors/Consultants Services</b>	<b>31,956,467</b>	<b>36,642,000</b>	<b>22,735,733</b>	<b>20,832,000</b>
BTOP	3,863,492	0	0	0
UASI/SHSP Grant	28,092,975	36,642,000	22,735,733	20,832,000
<b>Total Grant Funded Expenditures</b>	<b>35,073,277</b>	<b>40,043,000</b>	<b>25,596,798</b>	<b>24,597,000</b>
<b><u>MEMBER CONTRIBUTIONS*(1)</u></b>				
<b>Member Funded JPA Operations</b>				
Project Team	552,742	700,000	685,135	973,000
Travel & Training	230	28,000	0	0
Services & Supplies	5,258	40,000	4,506	8,000
Admin and Other Contractors	215,806	232,000	232,000	119,000
Miscellaneous *(2)	888	110,000	50,000	10,000
Other Charges *(3)	70,000	70,000	70,000	70,000
Lease & Other Services - Suite 100	120,000	120,000	120,000	120,000
<b>Total Member Funded JPA Operations</b>	<b>964,924</b>	<b>1,300,000</b>	<b>1,161,641</b>	<b>1,300,000</b>
LMR Administrative Cost *(1) (4)	908,000	926,000	926,000	944,000
LTE Administrative Cost	718,374	926,000	926,000	0
State Budget Act of 2022 Funds *(5)	0	0	0	944,000
<b>Total Member Contributions</b>	<b>2,591,298</b>	<b>3,152,000</b>	<b>3,013,641</b>	<b>3,188,000</b>
<b><u>AT&amp;T BUSINESS AGREEMENT PROJECTS</u></b>				
AT&T Business Agreement Services (PSBN2 Sites 21-26)	1,407,642	1,355,000	423,650	492,000
AT&T Business Agreement Services (Routers)	180,958	500,000	100,000	400,000
<b>Total AT&amp;T Business</b>	<b>1,588,600</b>	<b>1,855,000</b>	<b>523,650</b>	<b>892,000</b>
<b>TOTAL FINANCING USES</b>	<b>39,253,175</b>	<b>45,050,000</b>	<b>29,134,089</b>	<b>28,677,000</b>
<b><u>FINANCING SOURCES</u></b>				
<b>Federal Grant Revenue</b>		<b>40,043,000</b>		<b>24,597,000</b>
<b>Member Contribution</b>		<b>3,152,000</b>		<b>3,188,000</b>
<b>AT&amp;T Business Agreement Services (PSBN2 Sites 21-26)</b>		<b>1,355,000</b>		<b>492,000</b>
<b>AT&amp;T Business Agreement Services (Routers)</b>		<b>500,000</b>		<b>400,000</b>
<b>Total Available Financing</b>		<b>45,050,000</b>		<b>28,677,000</b>

Note 1: Member Funded JPA Operations, and LMR Administrative Cost will be paid for out of the LA-RICS AT&T Business Agreement and State Budget Act of 2022 funds.

Note 2: Fees including utilities, escort and permit fees, etc.

Note 3: Liability Insurance for LA-RICS JPA, Commercial Property Insurance and FCC Licensing.

Note 4: LMR Administrative Cost include certain costs associated with the management & implementation of the LMR Systems in accordance with the Adopted Funding Plan.

Note 5: California State Budget Act of 2022 Funds

**LA-RICS  
FY 2022-2023**

PROJECT TEAM	UASI/SHSGP Funding	Member Funded JPA Operations	State Budget Act of 2022 Funds	LMR Admin Cost	Yearly Costs (Salary & Employee Benefits)
<b><u>DISTRICT ATTORNEY (DA)</u></b>					
Administrative Deputy II *	0	93,356	146,644	71,813	311,813
Fiscal Officer II *	0	62,285	84,866	124,160	271,311
<b>DA Total</b>	<b>0</b>	<b>155,642</b>	<b>231,510</b>	<b>195,973</b>	<b>\$ 583,124</b>
<b><u>TREASURER &amp; TAX COLLECTOR (TTC)</u></b>					
Senior Secretary III	27,313	20,000	61,996	12,000	121,309
<b>TTC Total</b>	<b>27,313</b>	<b>20,000</b>	<b>61,996</b>	<b>12,000</b>	<b>\$ 121,309</b>
<b><u>PROBATION (PB)</u></b>					
Administrative Services Manager I	156,322	0	20,070	22,000	198,392
<b>PB Total</b>	<b>156,322</b>	<b>0</b>	<b>20,070</b>	<b>22,000</b>	<b>\$ 198,392</b>
<b><u>ISD</u></b>					
Administrative Services Manager III *	227,644	10,000	19,278	10,000	266,922
<b>ISD Total</b>	<b>227,644</b>	<b>10,000</b>	<b>19,278</b>	<b>10,000</b>	<b>\$ 266,922</b>
<b><u>MENTAL HEALTH (MH)</u></b>					
Administrative Services Manager I	119,016	30,000	8,915	35,900	193,831
<b>MH Total</b>	<b>119,016</b>	<b>30,000</b>	<b>8,915</b>	<b>35,900</b>	<b>\$ 193,831</b>
<b><u>REGISTRAR RECORDER COUNTY CLERK (RRCC)</u></b>					
Accounting Officer II *	0	45,000	95,252	100,570	240,822
<b>RRCC Total</b>	<b>0</b>	<b>45,000</b>	<b>95,252</b>	<b>100,570</b>	<b>\$ 240,822</b>
<b><u>LOS ANGELES COUNTY SHERIFF (LASD)</u></b>					
<b>S&amp;EB</b>					
Lieutenant (1)	125,606	100,000	84,392	132,544	442,542
Deputy (2)	404,527	49,000	25,098	27,704	506,329
Information Technology Manager III	197,030	18,920	49,029	34,661	299,640
S&EB Total					<b>\$ 1,248,511</b>
<b>S&amp;S</b>					
Human Resources & Procurement Services	0	10,000	0	9,424	19,424
<b>LASD Total</b>	<b>727,163</b>	<b>177,920</b>	<b>158,519</b>	<b>204,333</b>	<b>\$ 1,267,935</b>
<b><u>AUDITOR CONTROLLER (A/C)</u></b>					
<b>S&amp;EB</b>					
Principal Accountant	0	3,700		12,169	15,869
Supervising Accountant	0	10,000	19,255	11,076	40,331
Accountant II	0	43,520	48,557	2,506	94,583
<b>S&amp;S</b>					
Travel Administrative Cost	0	0	1,000	2,000	3,000
Single Audit	0	0	5,000	25,000	30,000
<b>A/C Total</b>	<b>0</b>	<b>57,220</b>	<b>73,812</b>	<b>52,751</b>	<b>\$ 183,783</b>
<b><u>COUNTY COUNSEL</u></b>					
Principal/Senior County Counsel (4)	99,704	410,000	0	33,658	543,363
<b>County Counsel Total</b>	<b>99,704</b>	<b>410,000</b>	<b>0</b>	<b>33,658</b>	<b>\$ 543,363</b>



**LA-RICS  
FY 2022-2023**

PROJECT TEAM	UASI/SHSGP Funding	Member Funded JPA Operations	State Budget Act of 2022 Funds	LMR Admin Cost	Yearly Costs (Salary & Employee Benefits)
<b>INTERNAL SERVICES DEPARTMENT (ISD)</b>					
Sr. Telecom Systems Engineer (3)	579,754	45,000	10,000	25,078	659,832
Supervising Telecom System Engineer	97,998	22,218	77,355	50,000	247,571
Communication Tower & Line Supervisor (2)	315,038	0	10,000	10,000	335,038
Sr. Electronics Communications Technician (2)	322,067	0	10,000	10,000	342,067
<b>ISD Total</b>	<b>1,314,857</b>	<b>67,218</b>	<b>107,355</b>	<b>95,078</b>	<b>\$ 1,584,508</b>
<b>LOS ANGELES COUNTY FIRE (FR)</b>					
Fire Captain (1)	243,217	0	0	0	243,217
<b>FR Total</b>	<b>243,217</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>\$ 243,217</b>
<b>UNFILLED POSITIONS</b>					
Administrative Services Manager I	104,396	20,000	61,996	12,000	198,392
Deputy (3)	354,142	50,000	50,000	100,000	554,142
Executive Assistant	189,298	37,543	19,576	15,071	261,488
Fire Fighter Specialist	212,000	0	0	0	212,000
Information Technology Specialist I	269,478	9,238	8,355	0	287,071
Operations Assistant III	109,170	20,000	15,657	8,000	152,827
Senior Management Secretary III	114,306	20,000	11,290	25,958	171,554
Sergeant	142,092	29,513	12,501	48,835	232,941
Underfilled Items Savings	660,066	0	0	0	660,066
	<b>2,154,948</b>	<b>186,294</b>	<b>179,375</b>	<b>209,864</b>	<b>\$ 2,730,480</b>
<b>Total</b>	<b>5,070,184</b>	<b>1,159,294</b>	<b>956,082</b>	<b>972,127</b>	<b>8,157,686</b>
<b>Salary Savings</b>	<b>-2,154,947</b>	<b>-186,294</b>	<b>-179,375</b>	<b>-209,864</b>	<b>\$ (2,730,480)</b>
<b>Total Budgeted Project Team for FY 22-23</b>	<b>2,915,237</b>	<b>973,000</b>	<b>776,707</b>	<b>762,263</b>	<b>5,427,206</b>

\* These Positions are Underfills

**LA-RICS  
FY 2022-2023**

<b>GRANT FUNDED - CONTRACTORS/CONSULTANTS</b>	<b>Maximum Contract Sum</b>	<b>Funding Source</b>
Project Construction Management	3,772,000	UASI 21 & UASI 22
MISC County Contracts ( DPW, CEO, CEO RED, RP, & ISD )	100,000	UASI 22
Telecommunications & Design Contractors	15,000,000	UASI 21 & UASI 22
	<u>1,960,000</u>	SHSGP 22
<b>TOTAL GRANT FUNDED CONTRACTORS / CONSULTANT SERVICES</b>	<b>\$ 20,832,000</b>	

**MEMBER CONTRIBUTIONS**

<b>- MEMBER FUNDED JPA OPERATIONS (Member Funded)</b>		<b>Funding Source</b>
Project Team	973,000	Member Funded
Travel & Training	0	Member Funded
Services & Supplies	8,000	Member Funded
Admin and Other Contractors (Executive Director)	119,000	Member Funded
Miscellaneous	10,000	Member Funded
Other Charges	70,000	Member Funded
Lease & Other Services - Suite 100	120,000	Member Funded
<b>Total Member Funded JPA Operations</b>	<b>\$ 1,300,000</b>	

<b>- LMR ADMINISTRATIVE COST (MEMBER FUNDED)</b>		<b>Funding Source</b>
Project Team	762,000	Member Funded
Professional Consultants	133,000	Member Funded
Services, Supplies, Travel, lease & Misc	49,000	Member Funded
<b>Total LMR Administrative Cost</b>	<b>\$ 944,000</b>	

<b>- STATE BUDGET ACT OF 2022 FUNDS (MEMBER FUNDED)</b>		<b>Funding Source</b>
Project Team	777,000	Member Funded
Services, Supplies, Travel, lease, Other Charges & Misc	167,000	Member Funded
<b>Total State Budget Act of 2022</b>	<b>\$ 944,000</b>	

**TOTAL MEMBER CONTRIBUTIONS**

**\$ 3,188,000**

<b>AT&amp;T BUSINESS AGREEMENT SERVICES (PSBN2 Sites 21-26)</b>		<b>Funding Source</b>
Professional Consultants	492,000	AT&T Business Agreement Services
<b>TOTAL AT&amp;T BUSINESS AGREEMENT SERVICES (PSBN 2 SITES 21-26)</b>	<b>\$ 492,000</b>	

<b>AT&amp;T BUSINESS AGREEMENT SERVICES (BAS - Routers)</b>		<b>Funding Source</b>
Professional Consultants & Swap Services Providers	400,000	AT&T Business Agreement Services
<b>TOTAL AT&amp;T BUSINESS AGREEMENT SERVICES (ROUTERS)</b>	<b>\$ 400,000</b>	



## LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

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

SCOTT EDSON  
EXECUTIVE DIRECTOR

June 1, 2023

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

Dear Directors:

**APPROVE AMENDMENT NO. 114 TO AGREEMENT NO. LA-RICS 007  
LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM  
LAND MOBILE RADIO (LMR) SYSTEM**

**SUBJECT**

Board approval is requested to authorize the Executive Director to execute Amendment No. 114 to Agreement No. LA-RICS 007 (Agreement) to incorporate a Change Order to pay Motorola Solutions, Inc. (MSI) for work that will be performed on behalf of the Authority related to fire suppression system work performed at the Universal CityWalk (UNIV-CTYWALK) site as further described in this Board Letter for a cost increase in the amount of \$22,704.

**RECOMMENDED ACTIONS**

It is recommended that your Board:

1. Find that the (a) approval of Amendment No. 114 for inclusion of a Change Order Modification at Universal Studios (UNIV) site, related to fire suppression system work at the two existing building locations that constitute Site UNIV, the Universal City Plaza location and the Universal City Walk location, is not subject to the California Environmental Quality Act (CEQA) because it is not defined as a project under CEQA and does not have the potential for causing a significant effect on the environment.
2. Approve Amendment No. 114 to Agreement No. LA-RICS 007 for an LMR System with Motorola Solutions, Inc. (MSI) to include a Change Order for the remittance of payment required for fire suppression system work at the Universal (UNIV) site for a cost increase in the amount of \$22,704.

3. Authorize an increase to the Maximum Contract Sum in an amount of \$22,704 from \$216,841,313 to \$216,864,017 when taking the recommended action into consideration.
4. Delegate authority to the Executive Director to execute Amendment No. 114, in substantially similar form to the enclosed Amendment (Enclosure), and issue one or more Notices to Proceed (NTP) for this work as may be needed.

### **BACKGROUND**

On March 3, 2022, your Board approved Amendment No. 90 to the Agreement, which incorporated a Change Order for fire suppression system work. This Amendment No. 114 covers additional scope and corresponding cost associated with increased pricing since 2022, and thus we are seeking approval from your Board for this expanded scope and cost.

### **PURPOSE/JUSTIFICATION OF RECOMMENDED ACTIONS**

Approval of the recommended actions will authorize the Executive Director to execute Amendment No. 114 to incorporate a Change Order in connection with fire suppression system work at the Universal Studios (UNIV), in particular the Citywalk site, resulting in an increase to the Maximum Contract Sum in the amount of \$22,704.

It is necessary to incorporate the Change Order to perform the fire suppression system work at the UNIV Citywalk site.

The Change Order has been reviewed by Authority staff, as well as its consultant (Jacobs) and MSI, with both parties negotiating and agreeing to the Change Order.

Further, the Change Order was presented to the Change Control Board (CCB) which includes stakeholder participation and oversight from member agency representatives such as County of Los Angeles Sheriff's Department (Sheriff's Department) and Fire Department. Additionally, participation and oversight from Authority project team members representing technical (Internal Services Department), operations (Sheriff's Department and Fire Department), finance, grants, contracts, and Jacobs form part of the CCB.

The CCB participants vetted the Change Order presented to your Board for consideration and recommend approval.

**FISCAL IMPACT/FINANCING**

The activities contemplated in Amendment No. 114 will result in an increase to the Maximum Contract Sum in the amount of \$22,704 from \$216,841,313 to \$216,864,017. If approved by your Board, the work contained in Amendment No. 114 will be funded by the Urban Areas Security Initiative (UASI) 2022 grant and by California State Budget Act funds of 2022.

**FACTS AND PROVISIONS/LEGAL REQUIREMENT**

The Authority's counsel has reviewed the recommended actions and approved as to form.

**CONCLUSION**

Upon the Board's approval of the recommended actions, the Executive Director will have delegated authority to proceed in a manner described in the recommended actions.

Respectfully submitted,



SCOTT EDSON  
EXECUTIVE DIRECTOR

JA

Enclosure

c: Counsel to the Authority

**AMENDMENT NUMBER ONE HUNDRED FOURTEEN  
TO AGREEMENT NO. LA-RICS 007  
FOR  
LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM  
LAND MOBILE RADIO SYSTEM**

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**RECITALS**

This Amendment Number One Hundred Fourteen (together with all exhibits, attachments, and schedules hereto, "Amendment No. 114") is entered into by and between the Los Angeles Regional Interoperable Communications System Authority ("Authority") and Motorola Solutions, Inc. ("Contractor"), effective as of June \_\_\_\_\_ 2023, based on the following recitals:

Whereas, the Authority and Contractor have entered into that certain Agreement No. LA-RICS 007 for Los Angeles Regional Interoperable Communications System ("LA-RICS") Land Mobile Radio System, dated as of August 15, 2013 (together with all exhibits, attachments, and schedules thereto, all as amended prior to the date hereof, the "Agreement").

Whereas, since the execution of the Agreement, the Agreement has been previously amended both mutually, and in certain instances unilaterally, pursuant to Amendment Nos. 1 through 100.

Whereas, the Authority has previously amended unilaterally in Amendment Number One-Hundred One – Unilateral Amendment No. 29, issued on June 29, 2022 to (a) incorporate an LMR Change Order for access road maintenance work at the Pine Mountain (PMT) site for a cost increase in the amount of \$4,887; (b) increase the Maximum Contract Sum by \$4,887 from \$215,373,672 to \$215,378,559; and (c) make other certain changes as set forth in Unilateral Amendment No. 29.

Whereas, the Agreement has been previously amended in Amendment Number One-Hundred Two, effective July 11, 2022, to (a) extend certain Bridge Warranty services, in particular, Security Update Services (SUS) and Remote Security Update Services (RSUS) until December 31, 2022, as further described in Amendment No. 102 for a cost increase in the amount of \$28,587; (b) increase the Maximum Contract Sum by \$28,587 from \$215,378,559 to \$215,407,146; and (c) make other certain changes as set forth in Amendment No. 102.

Whereas, the Agreement has been previously amended in Amendment Number One-Hundred Three, effective August 15, 2022, to (a) reflect a reduction in the cost for ACVRS TRO5 Subsystem Addition work at the Signal Hill (SGH) site and the San Pedro Hill (SPH) site in the amount of \$189,259; (b) reflect a reduction in the scope and cost related to existing tower removal work at the Mirador (MIR) site in the amount of \$10,136; (c) decrease the Maximum Contract Sum by \$199,395 from \$215,407,146 to \$215,207,751; and (d) make other certain changes as set forth in Amendment No. 103.

Whereas, the Agreement has been previously amended in Amendment Number One-Hundred Four, effective November 14, 2022, to (a) include a Bridge Warranty for the Narrowband Mobile Data Network (NMDN) Subsystem (Phase 1), corresponding Backhaul Subsystem necessary for use of the NMDN Subsystem (Phase 1), and

Common Platform Subsystem to bridge the gap in warranty services for a period of twelve (12) months, until such time as Final LMR System Acceptance is achieved for a cost increase in the amount of \$1,067,684; (b) increase the Maximum Contract Sum by \$1,067,684 from \$215,207,751 to \$216,275,435; and (c) make other certain changes as set forth in Amendment No. 104.

Whereas, the Authority has previously amended unilaterally in Amendment Number One-Hundred Five – Unilateral Amendment No. 30, issued on November 16, 2022, to (a) reconcile Exhibit C.2 (Phase 1 – System Design) to reflect a cost decrease in an amount of \$122,264; (b) reconcile Exhibit C.17 (LMR Change Order Modifications) to reflect a cost decrease in an amount of \$120,647; (c) reconcile Exhibit C.19 (Channel 15 and Channel 16 Interference Mitigation) to reflect a cost decrease in the amount of \$115,920; (d) reflect a cost neutral transfer of discounts from Exhibit C.4 (Phase 3 – Supply LMR System Components) to Exhibit C.15 (LMR System Discounts) in the amount of \$361,900; (e) reflect a cost neutral transfer of a discount from Exhibit C.17 (LMR Change Order Modifications) to Exhibit C.3 (Phase 2 – Site Construction and Site Modification) in the amount of \$121,819; (f) reflect an adjustment to holdback in the amount of \$64,774; (g) decrease the Maximum Contract Sum by \$358,830 from \$216,275,434 to \$215,916,604; and; and (h) make other certain changes as set forth in Unilateral Amendment No. 30.

Whereas, the Agreement has been previously amended in Amendment Number One-Hundred Six, effective November 29, 2022, to (a) incorporate an LMR Change Order for DTVRS Antenna Changes to Mitigate UHF DTV Channel 15 at the Tejon Peak (TPK) site for a cost increase in the amount of \$42,546; (b) increase the Maximum Contract Sum by \$42,546 from \$215,916,604 to \$215,959,150; and (c) make other certain changes as set forth in Amendment No. 106.

Whereas, the Authority has previously amended unilaterally in Amendment Number One-Hundred Seven – Unilateral Amendment No. 31, issued on December 1, 2022, to (a) incorporate an LMR Change Order for tower foundation rock excavation work at the Mount Lukens 2 (MTL2) site for a cost increase in the amount of \$57,675; (b) increase the Maximum Contract Sum by \$57,675 from \$215,959,150 to \$216,016,825; and (c) make other certain changes as set forth in Unilateral Amendment No. 31.

Whereas, the Agreement has been previously amended in Amendment No. One-Hundred Eight, effective December 6, 2022, to (a) incorporate a Change Order for costs related to temporary outage of the roll-up generator located at the Burnt Peak 1 (BUR1) site for a cost increase in the amount of \$3,263; (b) increase the Maximum Contract Sum by \$3,263 from \$216,016,825 to \$216,020,088; and (c) make other certain changes as set forth in Amendment No. 108.

Whereas, the Agreement has been previously amended in Amendment No. One-Hundred Nine, effective January 10, 2023, to (a) adopt a new Project Schedule; (b) incorporate costs related to Phase 1 permit work at the Topanga Relay (TOP Relay) site for a cost increase in the amount of \$2,379; (c) increase the Maximum Contract Sum by

\$2,379 from \$216,020,088 to \$216,022,467; and (d) make other certain changes as set forth in Amendment No. 109.

Whereas, the Agreement has been previously amended in Amendment No. One-Hundred Ten, effective February 2, 2023, to (a) incorporate two (2) LMR Change Orders as further described in Amendment No. 110 for a cost increase in the amount of \$6,600; (b) increase the Maximum Contract Sum by \$6,600 from \$216,022,467 to \$216,029,067; and (c) make other certain changes as set forth in Amendment No. 110.

Whereas, the Agreement has been previously amended in Amendment No. One-Hundred Eleven, effective March 8, 2023, to (a) incorporate two (2) LMR Change Orders as further described in Amendment No. 111 for a net cost increase in the amount of \$5,361; (b) increase the Maximum Contract Sum by \$5,361 from \$216,029,067 to \$216,034,427; and (c) make other certain changes as set forth in Amendment No. 111.

Whereas, the Agreement has been previously amended in Amendment No. One-Hundred Twelve, effective April 10, 2023, to (a) incorporate two (2) LMR Change Orders as further described in this Amendment No. 112 for a cost increase in the amount of \$17,299; (b) increase the Maximum Contract Sum by \$17,299 from \$216,034,427 to \$216,051,726; and (c) make other certain changes as set forth in Amendment No. 112.

Whereas, the Authority has previously amended unilaterally in Amendment Number One-Hundred Thirteen – Unilateral Amendment No. 32, issued on May 1, 2023, to (a) include a Bridge Warranty for the Digital Trunked Voice Radio Subsystem (DTVRS) Subsystem, the corresponding Backhaul Subsystem necessary for use of the DTVRS Subsystem, the CORE and DSR Systems, as well as Station B and Site on Wheels to bridge the gap in warranty services for a period of approximately seven (7) months, until such time as Final LMR System Acceptance is achieved for a cost increase in the amount of \$789,587; (b) increase the Maximum Contract Sum by \$789,587 from \$216,051,726 to \$216,841,313; and (c) make other certain changes as set forth in Unilateral Amendment No. 32.

Whereas, the Authority and Contractor desire to further amend the Agreement to (a) incorporate one (1) LMR Change Order required for the Fire Suppression System work located at the Universal Studios (UNIV) site as further described in this Amendment No. 114 for a cost increase in the amount of \$22,704; (b) increase the Maximum Contract Sum by \$22,704; from \$216,841,313 to \$216,864,017; and (c) make other certain changes as set forth in this Amendment No. 114.

NOW THEREFORE, in consideration of the foregoing recitals, all of which are incorporated as part of this Amendment No. 114, and for other valuable consideration, the receipt and sufficiency of which are acknowledged, Authority and Contractor 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. 114 refer to sections of the Agreement, as amended by this Amendment No. 114.

2. LMR Change Order Modifications. The parties agree and acknowledge the Contractor will perform the Work contemplated in COR No. MSI-5110, required for the Fire Suppression System work located at the UNIV site, which is included herein by this reference, pursuant to Exhibit C.17 (LMR Change Order Modifications) and in accordance with this Section 2 of this Amendment No. 114, in exchange for the amounts set forth in Exhibit C.17 (LMR Change Order Modifications) of Exhibit C (Schedule of Payments).

Item No.	Site ID	Site Name	COR No.	Description	Amount
<b>PREVIOUS RELATED COR (AMENDMENT NO. 90)</b>					
1.	UNIV	Universal Studios – Citywalk	COR-002 MSI-7092	Fire Suppression System	\$60,717
<b>CURRENT COR (AMENDMENT NO. 114)</b>					
1.	UNIV	Universal Studios - Citywalk	COR-002R2 MSI-5110	Fire Suppression System	\$22,704
<b>TOTAL AMOUNT OF AMENDMENT NO. 114 :</b>					<b>\$22,704</b>
<b>TOTAL AMOUNT REQUIRED FOR FIRE SUPPRESSION WORK (AMENDMENT NO. 90 AND AMENDMENT NO. 114)</b>					<b>\$83,421</b>

3. Amendments to the Agreement.

- 3.1 Section 8.1 (Maximum Contract Sum and Contract Sum – General), in particular Section 8.1.1 of the Base Document, is deleted in its entirety and replaced with the following:

8.1.1 The "Maximum Contract Sum" under this Agreement is Two Hundred Sixteen Million, Eight Hundred Sixty-Four Thousand, Seventeen Dollars (\$216,864,017) which includes the Contract Sum and all Unilateral Option Sums, as set forth in Exhibit C (Schedule of Payments).

- 3.2 Section 24.4 (Limitation of Liability), in particular Section 24.4.1 of the Base Document, is deleted in its entirety and replaced with the following:

24.4.1 Except for liability resulting from personal injury, harm to tangible property, or wrongful death, Contractor's total liability to the Authority, whether for breach of contract, warranty, negligence, or strict liability in tort, will be limited in the aggregate to direct damages no greater than One Hundred Sixty-One Million, Thirty-Four Thousand, Four Hundred Thirty-Nine Dollars (\$161,034,439). Notwithstanding the foregoing, Contractor shall not be liable to the Authority for any special, incidental, indirect, or consequential damages.

4. Amendments to Agreement Exhibits.
  - 4.1 Exhibit C.1 (LMR System Payment Summary) to Exhibit C (Schedule of Payments) is deleted in its entirety and replaced with Exhibit C.1 (LMR System Payment Summary), which is attached to this Amendment No. 114 and incorporated herein by this reference.
  - 4.2 Exhibit C.17 (LMR Change Order Modifications) to Exhibit C (Schedule of Payments) is deleted in its entirety and replaced with Exhibit C.17 (LMR Change Order Modifications), which is attached to this Amendment No. 114 and incorporated herein by this reference.
5. This Amendment No. 114 shall become effective as of the date identified in the recitals, which is the date upon which:
  - 5.1 An authorized agent of Contractor has executed this Amendment No. 114;
  - 5.2 Los Angeles County Counsel has approved this Amendment No. 114 as to form;
  - 5.3 The Board of Directors of the Authority has authorized the Executive Director of the Authority, if required, to execute this Amendment No. 114;
  - 5.4 The Executive Director of the Authority has executed this Amendment No. 114.
6. Except as expressly provided in this Amendment No. 114, all other terms and conditions of the Agreement, as amended, shall remain the same and in full force and effect.
7. Contractor and the person executing this Amendment No. 114 on behalf of Contractor represent and warrant that the person executing this Amendment No. 114 for Contractor is an authorized agent who has actual authority to bind Contractor to each and every term and condition of this Amendment No. 114, and that all requirements of Contractor to provide such actual authority have been fulfilled.
8. This Amendment No. 114 may be executed in one or more original or facsimile counterparts, all of which when taken together shall constitute one in the same instrument.

\* \* \*

**AMENDMENT NUMBER ONE HUNDRED FOURTEEN**  
**TO AGREEMENT NO. LA-RICS 007**  
**FOR**  
**LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM**  
**LAND MOBILE RADIO SYSTEM**

IN WITNESS WHEREOF, the parties hereto have caused this Amendment No. 114 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

MOTOROLA SOLUTIONS, INC.

By: \_\_\_\_\_

Scott Edson  
Executive Director

By: \_\_\_\_\_

Arturs A. Vanags  
Motorola Project Director

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

DAWYN R. HARRISON  
County Counsel

By: \_\_\_\_\_

Truc L. Moore  
Principal Deputy County Counsel

EXHIBIT C.1 - SCHEDULE OF PAYMENTS LMR SYSTEM PAYMENT SUMMARY				
Summary	Unilateral Option Sum	Contract Sum - Full Payable Amount	10% Holdback Amount	Payment Minus 10% Holdback Amount
Phase 1 <sup>(Note 1)</sup>	\$ -	\$ 41,632,564	\$ 3,117,075	\$ 38,515,489
Phase 2	\$ -	\$ 43,100,531	\$ 4,147,787	\$ 38,952,744
Phase 3	\$ -	\$ 56,698,625	\$ 4,230,479	\$ 52,468,147
Phase 4	\$ -	\$ 20,732,005	\$ 2,009,828	\$ 18,722,174
<b>SUBTOTAL (Phases 1 to 4):</b>	<b>\$ -</b>	<b>\$ 162,163,725</b>	<b>\$ 13,505,169</b>	<b>\$ 148,658,553</b>
Phase 5 (15 Years)	\$ 55,898,518	\$ -	\$ -	\$ 55,898,518
<b>TOTAL (Phases 1 to 5):</b>	<b>\$ 55,898,518</b>	<b>\$ 162,163,725</b>	<b>\$ 13,505,169</b>	<b>\$ 204,557,072</b>
<del>Bounded Area Coverage Additive Alternate <sup>(Note 1)</sup></del>	<del>\$ 19,109,375</del>	<del>\$ -</del>	<del>\$ 1,910,937</del>	<del>\$ 17,198,437</del>
<del>Mandatory Building Coverage Additive Alternate</del>	<del>\$ 29,828,448</del>	<del>\$ -</del>	<del>\$ 2,982,845</del>	<del>\$ 26,845,603</del>
<del>Metrorail Coverage Additive Alternate</del>	<del>\$ 4,792,260</del>	<del>\$ -</del>	<del>\$ 479,226</del>	<del>\$ 4,313,034</del>
<del>LMR System Maintenance for Additive Alternates</del>	<del>\$ 19,620,355</del>	<del>\$ -</del>	<del>\$ 1,962,036</del>	<del>\$ 17,658,320</del>
Source Code Software Escrow	\$ 1,304,000	\$ -	\$ 130,400	\$ 1,173,600
LMR Mitigation Monitoring and Reporting Plan		\$ 2,912,356	\$ -	\$ 2,912,356
LMR Change Order Modifications		\$ 3,602,909	\$ 358,021	\$ 3,222,185
LMR Unilateral Amendments		\$ 1,453,036	\$ 145,304	\$ 1,307,732
Multiprotocol Label Switching Mobile Backhaul		\$ 2,200,000	\$ 220,000	\$ 1,980,000
Channel 15 and Channel 16 Interference Mitigation		\$ 687,287		\$ 687,287
LMR Bridge Warranty		\$ 1,987,674		\$ 1,987,674
LMR Subsystem Bridge Warranty		\$ 1,857,270		\$ 1,857,270
<b>SUBTOTAL</b>	<b>\$ 130,552,956</b>	<b>\$ 176,864,258</b>	<b>\$ 21,693,937</b>	<b>\$ 285,700,570</b>
<b>TOTAL CONTRACT SUM:</b>	<b>\$176,864,258</b>			
<b>LMR Discounts <sup>(Note 2)</sup></b>	<b>-\$17,202,758</b>			
<b>MAXIMUM CONTRACT SUM (Total Unilateral Option Sum plus Total Contract Sum):</b>	<b>\$216,864,017</b>			

Note 1: The cost for the Project Descriptions for the Bounded Area Coverage only are reflected in Exhibit C.2 (Phase 1 - System Design) as amended and restated in Amendment No. 2., and included (\$173, 110) in Phase 1 Contract Sum - Full Payable Amount. The balance of the remaining Unilateral Option Sum for Bounded Area Coverage Additive Alternate Work is reflected in Exhibit C.7 (Bounded Area Coverage Additive Alternate).

Note 2: The total remaining balance of the LMR Discounts applied to the Max Contract Sum will be utilized at the discretion of the Authority.

**SCHEDULE OF PAYMENTS**  
**EXHIBIT C.17 - LMR CHANGE ORDER MODIFICATIONS**

Change Order Number	Site ID	Item/Category	Contract Sum - Payable Amount	10% Holdback Amount	Payable Amount Less 10% Holdback Amount
<b>Amendment No. 28</b>					
MSI-003 Revised	OLI	MSI-003 OLI Tower Mapping (Revised)	\$ -	\$ -	\$ -
MSI-007	LDWP243	MSI-007 LDWP243 Additional Structural Analysis for Coverage Enhancement	\$ 2,200	\$ 220	\$ 1,980
MSI-008	LMR	MSI-008 Station B Reprogramming of 700 MHz DTVRS Stations	\$ 9,912	\$ 991	\$ 8,921
MSI-009	AGH	MSI-009 AGH SCE Engineering Fee Reimbursement	\$ 5,634	\$ 563	\$ 5,071
MSI-012	LMR	MSI-012 Site 3D Models per Authority Request BJM, DPK, TWR	\$ -	\$ -	\$ -
MSI-015	BUR1	MSI-015 BUR1 SCE Engineering Fee	\$ 3,308	\$ 331	\$ 2,977
MSI-016	BMT	MSI-016 BMT SCE Engineering Fee	\$ 592	\$ 59	\$ 533
MSI-017	MML	MSI-017 MML SCE Engineering Fee	\$ 3,308	\$ 331	\$ 2,977
<b>Amendment No. 28 Subtotal</b>			<b>\$ 24,953</b>	<b>\$ 2,495</b>	<b>\$ 22,458</b>
<b>Amendment No. 29</b>					
MSI-030	APC	MSI-030 Saturday Labor and Crane Cost	\$ 2,405	\$ 241	\$ 2,165
MSI-020R	BKK	MSI-020R Tower Mapping and Painting	\$ 26,225	\$ 2,623	\$ 23,603
MSI-024	BKK	MSI-024 Dispersive Wave Testing	\$ 5,426	\$ 543	\$ 4,883
MSI-1208	POM	MSI-LMR1208 ACM and LCP Testing Services	\$ 4,400	\$ 440	\$ 3,960
<b>Amendment No. 29 Subtotal</b>			<b>\$ 38,456</b>	<b>\$ 3,846</b>	<b>\$ 34,610</b>
<b>Amendment No. 30</b>					
MSI-1205	MVS	MSI-1205 MVS LCP Testing Services	\$ 4,195	\$ 420	\$ 3,776
<b>Amendment No. 30 Subtotal</b>			<b>\$ 4,195</b>	<b>\$ 420</b>	<b>\$ 3,776</b>
<b>Amendment No. 31</b>					
MSI-1265	ONK	MSI-1265 Environmental Testing ACM and LPC Services	\$ 3,633	\$ 363	\$ 3,270
MSI-1206	CCT	MSI-1206 HVAC Condenser Pad Modification	\$ 9,745	\$ 975	\$ 8,771
MSI-1321	AGH	MSI-1321 Additional Title, Survey, Research	\$ 2,100	\$ 210	\$ 1,890
MSI-1267R	LARICSHQ	MSI-1267R Environmental Testing ACM and LPC Services	\$ 4,095	\$ 410	\$ 3,686
<b>Amendment No. 31 Subtotal</b>			<b>\$ 19,573</b>	<b>\$ 1,957</b>	<b>\$ 17,616</b>
<b>Amendment No. 33</b>					
MSI-1528	MLM	MSI-1528 MLM Tower Light	\$ 17,490	\$ 1,749	\$ 15,741
<b>Amendment No. 33 Subtotal</b>			<b>\$ 17,490</b>	<b>\$ 1,749</b>	<b>\$ 15,741</b>
<b>Amendment No. 34</b>					
MSI-1447	AGH	MSI-1477 AGH Additional Electrical Work	\$ 84,503	\$ 8,450	\$ 76,053
MSI-1435	HPK	MSI-1435 HPK Power Conduit Outside Compound	\$ 6,241	\$ 624	\$ 5,617
<b>Amendment No. 34 Subtotal</b>			<b>\$ 90,744</b>	<b>\$ 9,074</b>	<b>\$ 81,670</b>
<b>Amendment No. 35</b>					
MSI-5002	SDW	MSI-5002 SDW Waveguide Bridge Installation	\$ 13,115	\$ 1,312	\$ 11,804
<b>Amendment No. 35 Subtotal</b>			<b>\$ 13,115</b>	<b>\$ 1,312</b>	<b>\$ 11,804</b>
<b>Amendment No. 36</b>					
MSI-5003	BJM	MSI-5003 BJM Tower Mapping Services	\$ 4,952	\$ 495	\$ 4,457
<b>Amendment No. 36 Subtotal</b>			<b>\$ 4,952</b>	<b>\$ 495</b>	<b>\$ 4,457</b>
<b>Amendment No. 37</b>					
MSI-5010	CRN	CRN Lead Paint Abatement and Consulting Services	\$ 3,754	\$ 375	\$ 3,379
MSI-5008	CRN	CRN Siren	\$ 10,113	\$ 1,011	\$ 9,102
MSI-5015	CRN	CRN Permanent Fence	\$ 5,043	\$ 504	\$ 4,539
MSI-1209R	FCCF	FCCF Receptacle Light Installation	\$ 12,336	\$ 1,234	\$ 11,102
MSI-5031	HPK	HPK SCE Trenching	\$ 12,623	\$ 1,262	\$ 11,361

Change Order Number	Site ID	Item/Category	Contract Sum - Payable Amount	10% Holdback Amount	Payable Amount Less 10% Holdback Amount
MSI-UNI-002	MMC	MMC Concrete Under Asphalt	\$ 9,765	\$ 977	\$ 8,789
MSI-UNI-003	MMC	MMC Electrical Power Conduits	\$ 2,703	\$ 270	\$ 2,433
<b>Amendment No. 37 Subtotal</b>			<b>\$ 56,337</b>	<b>\$ 5,634</b>	<b>\$ 50,703</b>
<b>Amendment No. 38</b>					
MSI-5017	PMT	PMT 2nd GeoTechnical Engineering Services	\$ 23,626	\$ 2,363	\$ 21,263
MSI-5030	UCLA	UCLA ACM and LCP Testing Services	\$ 4,725	\$ 473	\$ 4,253
MSI-UNI-004	FCCF	FCCF Relocated Prime Site Equipment		\$ -	\$ -
MSI-5038	SGH	SGH Barrel Tile Roof	\$ 6,843	\$ 684	\$ 6,159
MSI-5021	SGH	SGH NB CX Stand Down Costs	\$ 7,652	\$ 765	\$ 6,887
MSI-5046	DPW38	DPW38 LCP Testing	\$ 2,363	\$ 236	\$ 2,127
MSI-5043	VPK	VPK Tower Foundation	\$ 34,102	\$ 3,410	\$ 30,692
MSI-5006	VPK	VPK Power Run	\$ 50,027	\$ 5,003	\$ 45,024
MSI-UNI-005	VPK	VPK Retaining Wall Credit	\$ (68,141)	\$ (6,814)	\$ (61,327)
MSI-UNI-006	LACFDEL	LACFDEL Reuse of Existing Shelter	\$ -	\$ -	\$ -
MSI-5024	MIR	MIR Additional Topography	\$ 2,205	\$ 221	\$ 1,985
MSI-5061	MDI	MDI 2nd GeoTechnical Engineering Services	\$ 7,588	\$ 759	\$ 6,829
MSI-5028	MDI	MDI Underground Utility Locator	\$ 756	\$ 76	\$ 680
MSI-5029	MDI	MDI Addition Topo Survey	\$ 2,100	\$ 210	\$ 1,890
MSI-5050	WWY	WWY Native American Monitoring	\$ 580	\$ 58	\$ 522
<b>Amendment No. 38 Subtotal</b>			<b>\$ 74,426</b>	<b>\$ 7,443</b>	<b>\$ 66,983</b>
<b>Amendment No. 39 and Amendment No. 105 (Unilateral Amendment 30)</b>					
MSI-5073	AGH	AGH Encroachment Permit Fee	\$ 4,807	\$ 481	\$ 4,326
MSI-5045	CCB	CCB Abatement and Remediation Work	\$ 13,125	\$ 1,313	\$ 11,813
MSI-5076	LACFDEL	LACFDEL New Phase 1 Work_Rev.1	\$ 26,965	\$ 2,697	\$ 24,269
MSI-5068	SPH	SPH Lease Exhibit Option_Rev.1	\$ 1,065	\$ 107	\$ 959
MSI-5063	UNIV	UNIV Recuperation of Cost for Day Tank for Cancelled Site	\$ 11,338	\$ 1,134	\$ 10,204
<b>Amendment No. 39 Subtotal</b>			<b>\$ 57,300</b>	<b>\$ 5,730</b>	<b>\$ 51,570</b>
<b>Amendment No. 41 and Amendment No. 105 (Unilateral Amendment 30)</b>					
MSI-5071	RIH	Location Change	\$ 37,705	\$ 3,771	\$ 33,935
MSI-5070	UNIV	New Phase 1 Work	\$ 40,899	\$ 4,090	\$ 36,809
MSI-5069	RPV1	New Phase 1 Work	\$ 44,808	\$ 4,481	\$ 40,327
MSI-5042	INDWT	Request for Road Repairs	\$ 14,425	\$ 1,443	\$ 12,983
MSI-5067	RHT	ACM/LCP Testing and Monitoring	\$ -	\$ -	\$ -
MSI-5066	SPH	RF Engineering Coverage Assessment/Maps	\$ 12,672	\$ 1,267	\$ 11,405
MSI-5072	LMR	Addition of Microwave Link from BHS to SPH	\$ 22,740	\$ 2,274	\$ 20,466
MSI-5078	CPK	Additional Ice Bridge	\$ 1,975	\$ 198	\$ 1,778
MSI-5081	LMR	LARTCS VHF Frequency Changes	\$ 41,171	\$ 4,117	\$ 37,054
MSI-5087	MTL2	Road Repair Design	\$ 2,200	\$ 220	\$ 1,980
<b>Amendment No. 41 Subtotal</b>			<b>\$ 218,595</b>	<b>\$ 21,860</b>	<b>\$ 196,736</b>
<b>Amendment No. 43 and Amendment No. 44 and Amendment No. 105 (Unilateral Amendment 30)</b>					
MSI-6017	RIH	Addition of Microwave Link	\$ 43,837	\$ 4,384	\$ 39,453
MSI-6016	SPH	Addition of Microwave Link	\$ -	\$ -	\$ -
MSI-6015	UNIV	Addition of Microwave Link	\$ 68,839	\$ 6,884	\$ 61,955
<b>Amendment No. 43 and Amendment No. 44 Subtotal</b>			<b>\$ 112,676</b>	<b>\$ 11,268</b>	<b>\$ 101,408</b>
<b>Amendment No. 45</b>					
MSI-6018	LPC	Environmental Phase II Limited Subsurface Investigation	\$ 19,740	\$ 1,974	\$ 17,766
MSI-6019	MML	Environmental Phase II Limited Subsurface Investigation	\$ 19,310	\$ 1,931	\$ 17,379
<b>Amendment No. 45 Subtotal</b>			<b>\$ 39,050</b>	<b>\$ 3,905</b>	<b>\$ 35,145</b>
<b>Amendment No. 46</b>					
MSI-6043	POM	Asbestos Abatement Services	\$ 330,000	\$ 33,000	\$ 297,000
MSI-6030	JPK/RHT/VPK	Tower Top Amplifier Upgrade for Early Deployment Site Transition	\$ 45,728	\$ 4,573	\$ 41,155
<b>Amendment No. 46 Subtotal</b>			<b>\$ 375,728</b>	<b>\$ 37,573</b>	<b>\$ 338,155</b>

Change Order Number	Site ID	Item/Category	Contract Sum - Payable Amount	10% Holdback Amount	Payable Amount Less 10% Holdback Amount
<b>Amendment No. 47</b>					
MSI-6023	LARICS	LMR System Reconciliation - Engineering & Re-Racking Services	\$ 174,641	\$ 17,464	\$ 157,177
MSI-6045	ONK	Add ONK Prime Site and ASR	\$ 438,279	\$ 43,828	\$ 394,451
MSI-6040	RHH	Soil Removal	\$ -	\$ -	\$ -
MSI-6031	BHS	Soil Removal	\$ 41,577	\$ 4,158	\$ 37,419
MSI-6042	LPC	Soil Removal	\$ 41,854	\$ 4,185	\$ 37,668
MSI-6041	MDI	Soil Sampling	\$ 10,134	\$ 1,013	\$ 9,120
MSI-6034	RHT	Additional Topography	\$ 3,733	\$ 373	\$ 3,360
<b>Amendment No. 47 Subtotal</b>			<b>\$ 710,217</b>	<b>\$ 71,022</b>	<b>\$ 639,196</b>
<b>Amendment No. 48</b>					
MSI-6064	AGH	Easement Payment	\$ 4,055	\$ 406	\$ 3,650
MSI-6062	TOP	Monopole Painted Neutral Brown	\$ 6,104	\$ 610	\$ 5,494
MSI-6050	LARICS	Core and Site Router/Switch Upgrade	\$ -	\$ -	\$ -
<b>Amendment No. 48 Subtotal</b>			<b>\$ 10,159</b>	<b>\$ 1,016</b>	<b>\$ 9,143</b>
<b>Amendment No. 49 and Amendment No. 59</b>					
MSI-6061	Various	New Antenna Models and Powder Coating	\$ 110,000	\$ 11,000	\$ 99,000
MSI-6067	MTL2	Removing impediments to road access caused by erosion to the site road, etc	\$ -	\$ -	\$ -
MSI-6069	LARICS	Audio Loopback	\$ -	\$ -	\$ -
<b>Amendment No. 49 Subtotal</b>			<b>\$ 110,000</b>	<b>\$ 11,000</b>	<b>\$ 99,000</b>
<b>Amendment No. 50</b>					
MSI-6076	PRG/AGH	PRG Relocation to AGH for NMDN System	\$ 13,678	\$ 1,368	\$ 12,310
MSI-6077	PRG	VIAMM Implementation	\$ 38,615	\$ 3,862	\$ 34,754
MSI-6086	BJM/TWR	BJM & TWR Generator Noise Mitigation Engineering Assessment Services	\$ 221,211	\$ 22,121	\$ 199,090
MSI-6079	MML	MML Buried Concrete and Rebar Removal	\$ 101,604	\$ 10,160	\$ 91,444
<b>Amendment No. 50 Subtotal</b>			<b>\$ 375,108</b>	<b>\$ 37,511</b>	<b>\$ 337,597</b>
<b>Amendment No. 51 and Amendment No. 105 (Unilateral Amendment 30)</b>					
MSI-6094/ MSI-7014	FCCF/PLM	Leased Fiber Link between FCCF and PLM	\$ 11,196	\$ 1,120	\$ 10,076
MSI-6096	CCB	Microwave Installation Modification	\$ -	\$ -	\$ -
<b>Amendment No. 51 Subtotal</b>			<b>\$ 11,196</b>	<b>\$ 1,120</b>	<b>\$ 10,076</b>
<b>Amendment No. 52</b>					
MSI-7005	CPK	Road Work for Access	\$ 23,393	\$ 2,339	\$ 21,054
MSI-7007	CPK	Utility Power Provision to CPK Site	\$ 10,966	\$ 1,097	\$ 9,869
<b>Amendment No. 52 Subtotal</b>			<b>\$ 34,359</b>	<b>\$ 3,436</b>	<b>\$ 30,923</b>
<b>Amendment No. 53</b>					
MSI-7003	Various	VIAMM Multiple Site Implementation	\$ 186,594	\$ 18,659	\$ 167,935
MSI-7010	MDI	Utility Power Work	\$ 155,866	\$ 15,587	\$ 140,279
<b>Amendment No. 53 Subtotal</b>			<b>\$ 342,460</b>	<b>\$ 34,246</b>	<b>\$ 308,214</b>
<b>Amendment No. 54</b>					
MSI-7011	RPVT	Utility Power Survey Services	\$ 11,000	\$ 1,100	\$ 9,900
MSI-7012	WMP and WTR	Utility Power Work	\$ 121,895	\$ 12,190	\$ 109,706
MSI-7015	CPK	Subgrade Concrete Structure Evaluation Services	\$ 5,812	\$ 581	\$ 5,231
<b>Amendment No. 54 Subtotal</b>			<b>\$ 138,707</b>	<b>\$ 13,871</b>	<b>\$ 124,836</b>
<b>Amendment No. 55 and Amendment No. 105 (Unilateral Amendment 30)</b>					
MSI-7013	TOP	Outdoor Power System and Equipment	\$ 195,638	\$ 19,564	\$ 176,074
<b>Amendment No. 55 Subtotal</b>			<b>\$ 195,638</b>	<b>\$ 19,564</b>	<b>\$ 176,074</b>
<b>Amendment No. 56</b>					

Change Order Number	Site ID	Item/Category	Contract Sum - Payable Amount	10% Holdback Amount	Payable Amount Less 10% Holdback Amount
MSI-7008	TOP	Biota Reports	\$ 13,972	\$ 1,397	\$ 12,575
<b>Amendment No. 56 Subtotal</b>			<b>\$ 13,972</b>	<b>\$ 1,397</b>	<b>\$ 12,575</b>
<b>Amendment No. 57</b>					
MSI-7024	CPK	Removal of Subgrade Concrete Structure	\$ 8,566	\$ 857	\$ 7,709
<b>Amendment No. 57 Subtotal</b>			<b>\$ 8,566</b>	<b>\$ 857</b>	<b>\$ 7,709</b>
<b>Amendment No. 58 and Amendment No. 105 (Unilateral Amendment 30)</b>					
MSI-7025	UNIV	Redesign Work	\$ 60,650	\$ 6,065	\$ 54,585
<b>Amendment No. 58 Subtotal</b>			<b>\$ 60,650</b>	<b>\$ 6,065</b>	<b>\$ 54,585</b>
<b>Amendment No. 59 and Amendment No. 105 (Unilateral Amendment 30)</b>					
MSI-7049	POM	Correction of Fire Alarm Deficiency	\$ 5,282	\$ 528	\$ 4,754
MSI-7044	RPVT	Antenna Powder Coating	\$ 6,874	\$ 687	\$ 6,187
MSI-7051	LAC072	Antenna Powder Coating	\$ 255	\$ 26	\$ 230
MSI-7045	MML	Utility Power Survey	\$ 3,465	\$ 347	\$ 3,119
<b>Amendment No. 59 Subtotal</b>			<b>\$ 15,876</b>	<b>\$ 1,588</b>	<b>\$ 14,288</b>
<b>Amendment No. 63</b>					
MSI-7060	WTR	Utility Power Provision	\$ 10,788	\$ 1,079	\$ 9,709
<b>Amendment No. 63 Subtotal</b>			<b>\$ 10,788</b>	<b>\$ 1,079</b>	<b>\$ 9,709</b>
<b>Amendment No. 64 and Amendment No. 88</b>					
MSI-7064/ MSI-7090	TWR	Survey for SCE Conveyance	\$ 12,428	\$ 1,243	\$ 11,185
<b>Amendment No. 64 and Amendment No. 88 Subtotal</b>			<b>\$ 12,428</b>	<b>\$ 1,243</b>	<b>\$ 11,185</b>
<b>Amendment No. 77</b>					
MSI-7072	UNIV	Power Meter Payment	\$ 8,494	\$ 849	\$ 7,645
MSI-7067	FRP	Bollards Around SCE Transformer	\$ 7,636	\$ 764	\$ 6,872
<b>Amendment No. 77 Subtotal</b>			<b>\$ 16,130</b>	<b>\$ 1,613</b>	<b>\$ 14,517</b>
<b>Amendment No. 83</b>					
MSI-7077	BUR1	Antenna Changes FCC Requirements	\$ 17,412	\$ 1,741	\$ 15,671
<b>Amendment No. 83 Subtotal</b>			<b>\$ 17,412</b>	<b>\$ 1,741</b>	<b>\$ 15,671</b>
<b>Amendment No. 86</b>					
MSI-7080	--	LMR DTVRS UHF Information Only Coverage Testing	\$ -	\$ -	\$ -
MSI-7085	GRM	Surveying for Power Easement	\$ 6,197	\$ 620	\$ 5,577
MSI-7084	PMT	Road Maintenance	\$ 5,241	\$ 524	\$ 4,717
MSI-7086	WMP	Road Maintenance	\$ 2,948	\$ 295	\$ 2,653
<b>Amendment No. 86 Subtotal</b>			<b>\$ 14,386</b>	<b>\$ 1,439</b>	<b>\$ 12,947</b>
<b>Amendment No. 88</b>					
MSI-7083	Various	USFS Sites Field Implementation of VIAMM – Ice Shields and Awnings	\$ 15,518	\$ 1,552	\$ 13,966
MSI-7089	BKK	MPLS Reconfiguration	\$ 414	\$ 41	\$ 373
MSI-7091	--	iPASONET Server Replacement	\$ -	\$ -	\$ -
<b>Amendment No. 88 Subtotal</b>			<b>\$ 15,932</b>	<b>\$ 1,593</b>	<b>\$ 14,339</b>
<b>Amendment No. 90 and Amendment No. 114</b>					
MSI-7092	UNIV	Fire Suppression System	\$ 60,717	\$ 6,072	\$ 54,645
MSI-5110	UNIV	Fire Suppression System	\$ 22,704	\$ -	\$ 22,704
<b>Amendment No. 90 Subtotal</b>			<b>\$ 83,421</b>	<b>\$ 6,072</b>	<b>\$ 54,645</b>
<b>Amendment No. 91</b>					
MSI-7096	Various	Replacement of Comparators (MLC8000 for GRV8000)	\$ -	\$ -	\$ -
MSI-7098	ONK/SGH/CCT	Interference Investigation	\$ 14,806	\$ 1,481	\$ 13,325
<b>Amendment No. 91 Subtotal</b>			<b>\$ 14,806</b>	<b>\$ 1,481</b>	<b>\$ 13,325</b>
<b>Amendment No. 92</b>					
MSI-7100	SGH, SPH	ACVRS TRO5 Subsystem Addition	\$ 148,376	\$ 14,838	\$ 133,538
MSI-7099	FCCF	Fire Logging Recorder	\$ 4,124	\$ 412	\$ 3,712
<b>Amendment No. 92 Subtotal</b>			<b>\$ 152,500</b>	<b>\$ 15,250</b>	<b>\$ 137,250</b>



Change Order Number	Site ID	Item/Category	Contract Sum - Payable Amount	10% Holdback Amount	Payable Amount Less 10% Holdback Amount
<b>Amendment No. 99</b>					
MSI-7103	FCCF, PLM	Leased Fiber Link between FCCF and PLM	\$ 11,617	\$ 1,162	\$ 10,455
<b>Amendment No. 99 Subtotal</b>			<b>\$ 11,617</b>	<b>\$ 1,162</b>	<b>\$ 10,455</b>
<b>Amendment No. 106</b>					
MSI-7106	TPK	DTVRS Antenna Changes to Mitigate UHF DTV Channel 15	\$ 42,546	\$ 4,255	\$ 38,291
<b>Amendment No. 106 Subtotal</b>			<b>\$ 42,546</b>	<b>\$ 4,255</b>	<b>\$ 38,291</b>
<b>Amendment No. 108</b>					
MSI-7108	BUR1	BUR1 Rollup Generator Outage Work	\$ 3,263	\$ 326	\$ 2,937
<b>Amendment No. 108 Subtotal</b>			<b>\$ 3,263</b>	<b>\$ 326</b>	<b>\$ 2,937</b>
<b>Amendment No. 109</b>					
MSI	TOP	Permit Approval	\$ 2,379	\$ 238	\$ 2,141
<b>Amendment No. 109 Subtotal</b>			<b>\$ 2,379</b>	<b>\$ 238</b>	<b>\$ 2,141</b>
<b>Amendment No. 110</b>					
MSI-7115	CPK-RPVT DPK-RPVT SGH-TWR	Replacement of Three (3) Microwave Links	\$ -	\$ -	\$ -
MSI-7116	SCC	LASD NICE Logging Recorder	\$ 6,600	\$ 660	\$ 5,940
<b>Amendment No. 110 Subtotal</b>			<b>\$ 6,600</b>	<b>\$ 660</b>	<b>\$ 5,940</b>
<b>Amendment No. 111</b>					
MSI-7114	BUR1	BUR1 Rollup Generator Outage Work	\$ 6,904	\$ 690	\$ 6,214
<b>Amendment No. 111 Subtotal</b>			<b>\$ 6,904</b>	<b>\$ 690</b>	<b>\$ 6,214</b>
<b>Amendment No. 112</b>					
MSI-7119	BUR1	BUR1 Roll-up Generator Outage Work	\$ 11,574	\$ 1,157	\$ 10,417
MSI-7120	GRM	GRM Roll-up Generator Outage Work	\$ 5,725	\$ 573	\$ 5,153
<b>Amendment No. 112 Subtotal</b>			<b>\$ 17,299</b>	<b>\$ 1,730</b>	<b>\$ 15,569</b>
<b>TOTAL FOR ALL LMR CHANGE ORDER MODIFICATIONS</b>			<b>\$ 3,602,909</b>	<b>\$ 358,021</b>	<b>\$ 3,222,185</b>

**Note 1: The above identified Change Order Modifications have been fully negotiated between the Authority and the Contractor, and the above amounts represent a full and final resolution of all changes contained in those identified Change Order Modifications.**



# 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>

SCOTT EDSON  
EXECUTIVE DIRECTOR

June 1, 2023

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

Dear Directors:

**DELEGATE AUTHORITY TO EXECUTIVE DIRECTOR TO COMPLETE  
NEGOTIATIONS AND EXECUTE AMENDMENT TO SITE ACCESS  
AGREEMENT WITH REGENTS OF THE UNIVERSITY OF CALIFORNIA FOR  
ONE LAND MOBILE RADIO SYSTEM SITE**

**SUBJECT**

This letter requests authority from the Board for the Executive Director to complete negotiations, finalize and execute a real estate agreement amendment substantially similar in form to the enclosed Amendment to the Site Access Agreement (SAA) with the Regents of the University of California for one (1) Land Mobile Radio (LMR) System site as identified in Enclosure 1.

**RECOMMENDED ACTION:**

It is recommended that your Board:

1. Find that the approval and execution of Amendment No. 1 to the SAA with the Regents of the University of California (Regents) to allow the Regents to collocate and install, operate and maintain fiber equipment and enclosure on the LA-RICS Authority's (Authority's) LMR equipment shelter and perform associated minor shelter modification for fiber cord connection to the LMR System network switch at the LMR Site on University of California, Los Angeles main campus (Site UCLA) is categorically exempt from the California Environmental Quality Act (CEQA) pursuant to 14 Cal. Regs. ("CEQA Guidelines") Sections 15301 and 15303 for the reasons stated in this Board Letter and as noted in the record of the project.
2. Authorize the Executive Director to complete negotiations, finalize and execute Amendment No. 1 to the SAA identified herein for the LMR UCLA Site, on a gratis

**AGENDA ITEM K**

basis, substantially similar in form to the agreement attached hereto as Enclosure 1, and delegate authority to the Executive Director to negotiate, approve, execute, and/or grant any other approvals, ancillary documentation or amendments, approved as to form by Counsel to the Authority, which are necessary to effectuate the real estate document described in Enclosure 1, and the activities permitted under that document.

## **BACKGROUND**

On April 3, 2019, your Board approved the implementation of Policy No. 023-2018 (LA-RICS LMR System Early Onboarding Policy), which would allow the Authority the ability to onboard users onto the LMR System prior to Final LMR System acceptance. Since then, project staff has conducted outreach to the University of California, Los Angeles (UCLA) regarding early onboarding to become a LMR System user to provide campus wide radio communications and to facilitate regional interoperability. In association with the onboarding effort, a need to establish network connection to the LMR System was identified. LMR Site UCLA, physically located on the rooftop of the Factor Building on the UCLA main campus, was identified as a suitable location where the UCLA police department can establish local connection to the LMR System. UCLA proposes to collocate equipment by bringing fiber to the rooftop and terminate on a patch panel in an enclosure mounted to the exterior wall of the Authority's LMR equipment shelter and make minor shelter modification needed to run a fiber cord from the enclosure to the LMR network switch in the shelter. The Authority's LMR System contractor will connect the fiber cord to the LMR network switch at Site UCLA.

On March 2, 2017, your Board approved and authorized the Executive Director to enter into an SAA with the Regents for the use of Site UCLA to provide the Authority with a license to use the rooftop of the Factor Building on the UCLA main campus owned by the Regents as a LMR communications site. The SAA contemplated that UCLA's public safety users will be migrated onto the LMR trunked radio system through the use of Site UCLA. Amendment No. 1 to the SAA with the Regents will allow the Regents to collocate, install, operate and maintain fiber equipment in an enclosure at Site UCLA and make minor shelter modification for the fiber cord run to establish connection to the LMR System, including the Digital Trunked Voice Radio Subsystem (DTVRS), as contemplated in the SAA. The proposed amendment includes provisions for damage to LA-RICS and defense and indemnity obligations relating to the work, for the Regents' work and equipment collocation on Authority's infrastructure at Site UCLA.

Delegated authority is requested to complete negotiations and execute the SAA amendment with the Regents in substantially similar form as attached to this Board letter. Granting approval for the execution of this proposed agreement will allow UCLA to collocate equipment at Site UCLA to support network connection to the LMR System and

become a user of the LMR System. A MOU with UCLA for onboarding pursuant to Policy No. 023-2018 is being prepared and will be presented to your Board at a later date.

### **PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

The proposed SAA amendment with the Regents will allow the Regents to collocate equipment at Site UCLA and obligate the Regents to cover damages and defend and indemnify the Authority as a result of acts or omissions related to this work and equipment that is collocated on Authority's infrastructure at Site UCLA. Additionally, it facilitates the Authority's implementation of Policy No. 023-2018 (LA-RICS LMR System Early Onboarding Policy) by providing the local network connection that will enable UCLA to onboard and start using the LMR System for interoperability.

### **FISCAL IMPACT/FINANCING**

No fiscal impact is anticipated.

### **ENVIRONMENTAL DOCUMENTATION**

Approval and execution of Amendment No. 1 to the SAA for Site UCLA to allow the Regents to collocate and install, operate and maintain fiber equipment and enclosure on the LA-RICS Authority's (Authority's) LMR equipment shelter and perform associated minor shelter modification for fiber cord connection to the LMR System network switch at Site UCLA are exempt from review under CEQA pursuant to CEQA Guidelines Sections 15301 and 15303. The activities associated with SAA amendment (1) consist of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographic features, involving negligible or no expansion of existing or former use (Guidelines § 15301); and (2) consist of construction and location of limited numbers of new, small facilities or structures; installation of small new equipment and facilities in small structures; and/or the conversion of existing small structures from one use to another where only minor modifications are made in the exterior of the structure (Guidelines § 15303).

None of the activities proposed at this site triggers any applicable exceptions to the identified categorical exemptions. (Guidelines § 15300.2.) Specifically, the work would not impact any environmental resources of hazardous or critical concern where designated, precisely mapped, and officially adopted pursuant to law by federal, state, or local agencies. Further, the cumulative impact of successive projects of the same type in the same place over time would not be significant; there is no reasonable possibility that the work at this site will have a significant effect on the environment due to unusual circumstances; the work at this site would not result in damage to scenic resources within

a highway officially designated as a state scenic highway; this site is not located on a site included on any list compiled pursuant to Section 65962.5 of the Government Code; and the work at this site would not cause a substantial adverse change in the significance of a historical resource.

Upon the Board's approval of the recommended actions, the Authority will file a Notice of Exemption with the County Clerk for LMR Site UCLA in accordance with Section 21152(b) of the California Public Resources Code and Section 15062 of the State CEQA Guidelines.

**FACTS AND PROVISIONS/LEGAL REQUIREMENT**

The Authority's counsel has reviewed the recommended action.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Scott Edson".

SCOTT EDSON  
EXECUTIVE DIRECTOR

NY:mbc

Enclosure

c: Counsel to the Authority

## Amendment 1

This is Amendment 1 to THE TELECOMMUNICATIONS LICENSE AGREEMENT between The Regents of the University of California ("Licensor") and LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM, a California Joint Powers Authority, ("Licensee"), for the Factor Health Services Building, entered on November 1, 2018. This Amendment is hereby issued to incorporate the below changes to the Agreement. All capitalized terms used herein and not specially defined shall have the same meanings as ascribed to them in the Agreement.

1. **Additional Use:** Licensor wishes to run a fiber connection, fiber patch-cord, and fiber patch panel across, through and inside the Licensed Premises for its future use of the LMR System by Licensor (collectively hereinafter referred to as, "Fiber Work"). Licensee agrees to permit this use with the Licensed Premises. Licensee and Licensor (and its' Contractor) agree that Licensor and it's Contractor will perform the following Fiber Work enumerated below to terminate / plug-in a fiber patch-cord connection to Licensee's switch box / router as described in Exhibit C-1 attached hereto.
  - a. Licensor will terminate its fiber to a fiber patch panel located outside of the shelter in a weather-proof enclosure.
  - b. Licensor will run a fiber patch-cord from the patch panel outside the Licensee's shelter and into Licensee's switch box / router as shown in Exhibit C-1.
  - c. Licensee will maintain the fiber patch-cord from fiber patch panel on the exterior of Licensee's shelter, which will plug into Licensee's equipment inside of Licensee's shelter. Licensee will own, operate and maintain the fiber patch-cord as part of the LMR System at the Licensed Site.
  - d. Licensor will own, operate and maintain the fiber run from the fiber patch panel to the University of California Police Department equipment.
2. Exhibit C: Description of Licensed Premises, Antenna Site and Raceway shall be amended by Exhibit C-1 attached hereto and incorporated herein by reference, which includes site plans for the Fiber Work.
3. Exhibit H: Site Technical Standards shall be amended by Exhibit H-1 attached hereto and incorporated herein by reference, which lists additional technical standards for the Fiber Work that the Licensor and its Contractor will meet upon installation of Licensor equipment and services.
4. With respect to the Fiber Work, Licensor will be liable for any loss or damage to Licensee for which Licensee sustains as a result of any acts or omissions by Licensor and its Contractor related to the Fiber Work. Further, the requirements of Section 13.2 (Indemnification) shall apply equally to Licensor to protect, defend, indemnify and hold harmless the Licensee from and against any and all Claims arising out of Licensor or its Contractor's performance of the Fiber Work.

The Agreement, as amended hereby, shall remain in full force and effect according to its terms and conditions and is hereby confirmed and ratified in all respects.

[Signatures appear on next page]

IN WITNESS WHEREOF, the parties hereto have caused this Amendment 1 to the Telecommunications License Agreement to be duly executed as of the date last written below, such parties acting by their officers being thereunto duly authorized.

THE REGENTS OF THE UNIVERSITY  
OF CALIFORNIA

LOS ANGELES REGIONAL INTEROPERABLE  
COMMUNICATIONS SYSTEM  
A Joint Powers Authority

\_\_\_\_\_  
Signature

Michael J. Beck  
\_\_\_\_\_  
Name, printed or typed

Administrative Vice Chancellor  
\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Name, printed or typed

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

Approved as to Form:

Daywn R. Harrison  
County Counsel

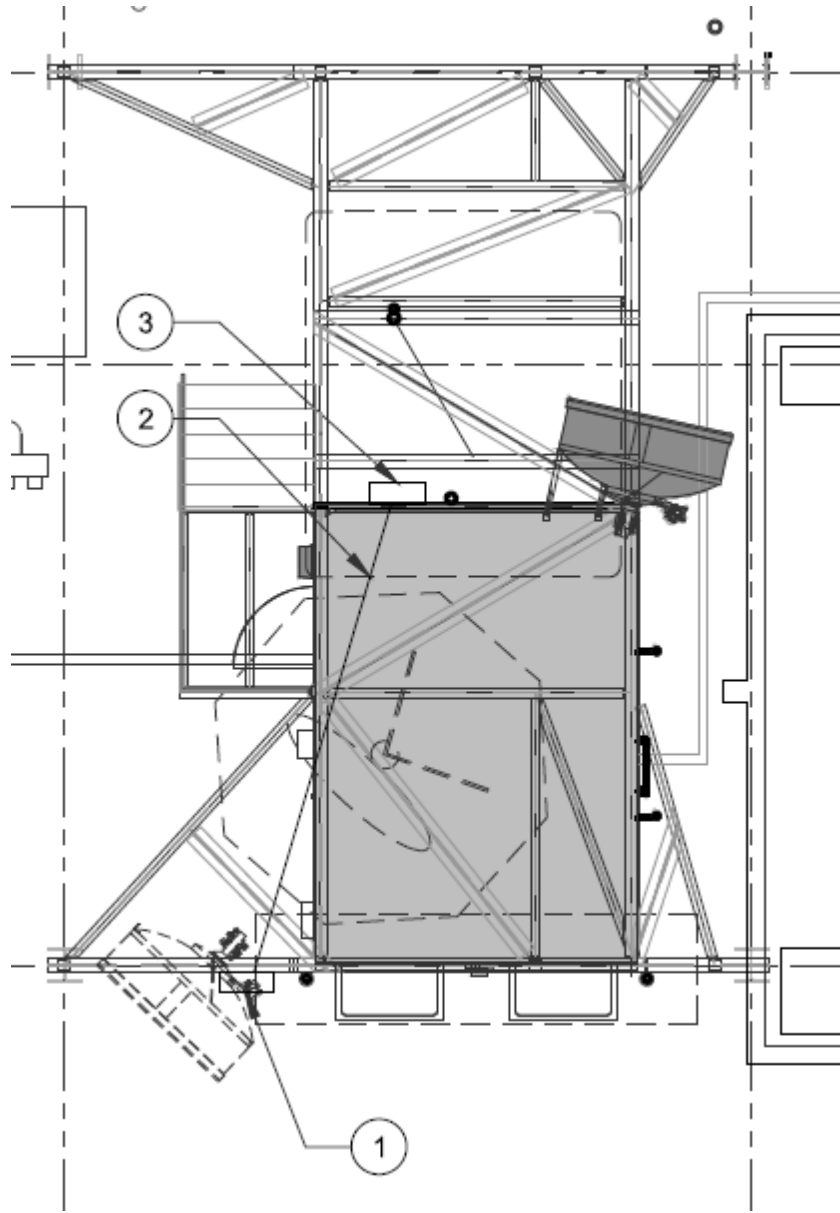
By: \_\_\_\_\_  
Principal Deputy



Exhibit C-1

Description of Licensed Premises, Antenna Site and Raceway

Map attached showing the locations of the additional equipment for the Fiber Work, including, without limitation, the Antenna Site and Raceway. See attached.



## KEYNOTES

- ① EXISTING METAL DATA BOX TO REMAIN
- ② NEW 2" CONDUIT, CONNECTING FROM (E) DATA BOX TO NEW DATA BOX, CUT OUT FLOOR GRATING AS NEEDED TO BRING CONDUIT UP.
- ③ NEW METAL DATA BOX, EXTERIOR WEATHER TIGHT, PRE-FINISHED NEMA 4X, 12"x12"x6" MIN. OVER 3" CORE  
ANCHOR TO (E) CONC. WALL W/ ANCHOR BOLTS  $\frac{3}{4}$ " DIA, W/ 2" EMBEDMENT MIN.

Exhibit H-1

Site Technical Standards

Additional requirements upon installation of Fiber Work for  
Licensor equipment and services

- a. Weather tightness of shelter shall be maintained
- b. Floor penetrations shall meet code requirements for fireproofing
- c. R56 Standards and Guidelines for Communication sites shall be met.