



AGENDA

LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

BOARD OF DIRECTORS MEETING

Thursday, June 3, 2021 • 9:00 a.m.

Microsoft Teams Meeting*

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

Call-in Number for Board Members and Public:

Telephone Number: (323) 886-6924

Conference ID: 617 964 98#

Video Conferencing Device:

493366865@t.plcm.vc

VTC Conference ID: 119 750 686 9

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

AGENDA POSTED: May 28, 2021

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

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

Members:

1. **Fesia Davenport**, CEO, County of Los Angeles
2. **Daryl L. Osby**, Vice-Chair, Fire Chief, County of Los Angeles Fire Dept.
3. **Alex Villanueva**, Chair, Sheriff, Los Angeles County Sheriff's Dept.
4. **Cathy Chidester**, Dir., EMS Agency, County of LADHS
5. **Vacant Seat**, The Los Angeles Area Fire Chiefs Association
6. **Brian Solinsky**, Interim Police Chief, City of South Pasadena Police Dept.
7. **Mark R. Alexander**, City Manager, CA Contract Cities Assoc.
8. **Mark Fronterotta**, Chief of Police, City of Inglewood Police Dept.
9. **Chris Nunley**, Chief of Police, City of Signal Hill Police Dept.
10. **David Povero**, Chief of Police, City of Covina Police Dept.

Alternates:

John Geiger, General Manager, CEO, County of Los Angeles
Anthony Marrone, Deputy Fire Chief, County of Los Angeles Fire Dept.
Eli Vera, Chief, Los Angeles County Sheriff's Dept.
Kay Fruhwirth, Asst., Dir., EMS Agency, County of LADHS
Vacant Seat, The Los Angeles Area Fire Chiefs Association
Vacant Seat, The Los Angeles County Police Chiefs Association
Marcel Rodarte, Executive Dir., CA Contract Cities Assoc.
Ed Ridens, Deputy Chief, City of Inglewood Police Dept.
Brian Leyn, Captain, City of Signal Hill Police Dept.
Ric Walczak, Captain, City of Covina Police Dept.

Officers:

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



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

I. CALL TO ORDER

II. ANNOUNCE QUORUM – ROLL CALL

III. APPROVAL OF MINUTES (A)

A. May 6, 2021 – Minutes

Agenda Item A

IV. PUBLIC COMMENTS

V. CONSENT CALENDAR – NONE

VI. REPORTS (B-E)

B. Director's Report – Scott Edson

- Executive Summary

Agenda Item B

C. Project Manager's Report – Justin Delfino

Agenda Item C

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

E. Finance Committee Chairs Report – John Geiger

VII. DISCUSSION ITEMS (F-J)

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

Agenda Item F

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

Agenda Item G



- H. Update on Coastal Commission Sites in the Land Mobile Radio System – Tanya Roth

Agenda Item H

- I. Outreach Update – Lieutenant Sven Crongeyer

Agenda Item I

- J. Election of Chairperson and Vice-Chairperson

Agenda Item J

VIII. ADMINISTRATIVE MATTERS (K-L)

- K. APPROVE THE FISCAL-YEAR 2021-22 PROPOSED LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY OPERATING BUDGET**

It is recommended that your Board adopt the Enclosed Fiscal-Year 2021-22 Proposed Operating Budget of \$45,050,000 to be utilized for the continued operation of the Authority.

Agenda Item K

- L. AUTHORIZE THE EXECUTIVE DIRECTOR TO ENTER INTO AN ESCROW AGREEMENT FOR HOLDBACK RETENTION UNDER AGREEMENT NO. LA-RICS 007**

It is recommended that your Board:

1. Authorize the Executive Director to negotiate, enter into and execute an Escrow Agreement, substantially similar in form to the enclosed Escrow Agreement (Enclosure) with MSI to establish an escrow account for the Holdback amounts on the LMR Project, and to direct the transfer of applicable funds to the escrow account. This authorization can only be used following receipt of approval from the federal grantor that the funds can be deposited in escrow at this point in the project, and following approval as to form of the final Escrow Agreement by Counsel to the Authority.
2. Delegate authority to the Executive Director to approve and execute amendments to the Escrow Agreement, as needed, for changes provided that any such amendments are approved as to form by Counsel to the Authority.



Agenda Item L

M. APPROVE AMENDMENT NO. 61 – UNILATERAL AMENDMENT NO. 2 TO AGREEMENT NO. LA-RICS 007 FOR LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM LAND MOBILE RADIO SYSTEM

It is recommended that your Board:

1. Find that (a) approval of Unilateral Amendment No. 2 to reflect a change order at one (1) LMR System Site, Rancho Palos Verdes (RPVT), related to concrete debris removal, is within the scope of the design, construction, implementation, operation and maintenance activities for the LMR System previously authorized at this site, which your Board previously found categorically exempt from the California Environmental Quality Act (CEQA) on July 11, 2019, pursuant to 14 Cal. Regs. ("CEQA Guidelines") §§ 15303 and 15304, and the determination that these activities are exempt from CEQA remains unchanged.
2. Approve Unilateral Amendment No. 2, in substantially similar form to the Enclosure, to Agreement No. LA-RICS 007 for an LMR System with Motorola Solutions, Inc. (MSI) which revises the Agreement to incorporate a change order as further described in this Board Letter for a not to exceed cost increase up to \$257,862.
3. Authorize a not to exceed cost increase to the Maximum Contract Sum up to \$257,862 increasing the Maximum Contract Sum from \$287,447,056 up to \$287,704,918.
4. Allow for the issuance of one or more Notices to Proceed for the Work contemplated in Unilateral Amendment No. 2.
5. Delegate authority to the Executive Director to execute Unilateral Amendment No. 2, in substantially similar form, to the enclosed Amendment (Enclosure).
6. If, however, the parties are able to reach consensus on the price of the work, the delegations and authorizations set forth in Recommendations 1-5 shall apply to such work being included in Amendment No. 61, in lieu of using Unilateral Amendment No. 2.

Agenda Item M



IX. MISCELLANEOUS – NONE

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

XI. CLOSED SESSION REPORT

1. CONFERENCE WITH LEGAL COUNSEL –Anticipated Litigation (subdivision (d) of Government Code Section 54956.9) (1 case).

XII. ADJOURNMENT AND NEXT MEETING:

Thursday, July 8, 2021, at 9:00 a.m., via Microsoft Teams / Teleconference Meeting.



BOARD MEETING INFORMATION

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

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

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

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

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



BOARD OF DIRECTORS MEETING MINUTES

**LOS ANGELES REGIONAL
INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY**

Thursday, May 6, 2021 • 9:00 a.m.
Conducted via Microsoft Teams Meeting*

Board Members Present:

Daryl Osby, Vice-Chair, Fire Chief, County of Los Angeles Fire Dept.
Brian Solinsky, Interim Police Chief, City of South Pasadena Police Dept.
Mark Alexander, City Manager, CA Contract Cities Assoc.
Mark Fronterotta, Deputy Chief, City of Inglewood Police Dept.
Chris Nunley, Chief of Police, City of Signal Hill Police Dept.
David Povero, Chief, City of Covina Police Dept.

Alternates For Board Members Present:

John Geiger, General Manager, County of Los Angeles
Eli Vera, Chief, Los Angeles County Sheriff's Dept.
Kay Fruhwirth, Asst., Dir., EMS Agency, County of LADHS

Officers Present:

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

Absent:

Vacant Seat, The Los Angeles Area Fire Chiefs Association



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

I. CALL TO ORDER

Alternate Chair, Eli Vera, called the Board meeting to order at 9:03 a.m.

II. ANNOUNCE QUORUM – Roll Call

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

III. APPROVAL OF MINUTES (A)

A. April 1, 2021 – Minutes

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

Alternate Board Member Kay Fruhwirth motioned first, seconded by Board Member David Povero.

Ayes 9: Alexander, Fronterotta, Fruhwirth, Geiger, Nunley, Osby, Povero, Solinsky and Vera.

MOTION APPROVED.

IV. PUBLIC COMMENTS

V. CONSENT CALENDAR – NONE

VI. REPORTS (B-E)

B. Director's Report – Scott Edson

LTE 2 Update

Executive Director Scott Edson stated the LTE 2 program is wrapping up with a few final issues to address. As reported to your Board at April's meeting the federal grantor approved the transfer of title and 20% non-federal share interest in the Broadband Technology Opportunities Program (BTOP) funded Round 2 assets to FirstNet/AT&T. The team continues to work closely with AT&T to complete all site acceptance activities, asset inventory and processing of documentation for transfer to AT&T. While the team process the required closeout documentation the team has



before you Agenda Item K, which splits the remaining payment of \$6 million to allow for two payments of \$3 million each, one payable immediately following your Board's approval and the second payable effective May 31st. The split of these payments will allow LA-RICS to receive funds that are needed immediately to process member funded bills that were on hold pending arrival of the funds. With the full transfer expected to complete by the end of May, the balance of the \$6 million will immediately follow. Executive Director Scott Edson stated in parallel the team continues to work with AT&T on wrap up of Public Safety Broadband Network (PSBN) Round 2 sites 21-26, and Project Director Odenthal will provide additional details under Agenda Item F.

Executive Director Scott Edson thanked AT&T leadership for their support in the Business Agreement and their continued coverage and upgrades to the region as this benefits public safety.

LMR Update

LA-RICS is processing information received regarding additional interference issues on the County of Los Angeles frequencies upon which the LA-RICS system is built – and continue to work closely with County spectrum managers to assess cause of interference and mitigation. Internal Services Department was quick to schedule a meeting / resume our weekly meetings on this issue and much thanks goes to them. LA-RICS Lead Engineer Ted Pao will provide an update on frequency and licensing under Agenda Item G.

Coastal Update

Executive Director Scott Edson stated with Coastal Development permits in hand for all but one of the sites (Top Relay) the team is gearing up for construction at a very important site for public safety communications. Executive Director Scott Edson stated he is happy to report the building permit for Fire Station 72 is in hand and pre-construction site walks are being planned. As for the three Catalina sites, as we'd reported to your Board previously, the stand down of work by Motorola early this year significantly impacted the ability to make progress at the Catalina sites before fox pupping season. Some in-shelter work has occurred at Black Jack Mountain (BJM), however the other two sites remain stagnant due to those delays. The team continues to require Motorola provide a recovery schedule to address the time lost for the stand down of work at the Catalina sites; however, the team is experiencing significant issues with Motorola adhering to the contract terms. Finally, one of the sites that recently received a Coastal Development Process (CDP) is Saddle Peak (SPN) – due to the sensitive area in the Santa Monica mountains the team were limited to build two short (18') towers which limits the equipment deployment and line of sight – nonetheless pursued this site as it provides some coverage in the area; however, the team recently



received notice from the site owner that an existing 70' tower adjacent to the proposed short towers has become available as tenant unexpectedly vacated the site. LA-RICS is performing investigation of that site, alongside the Coastal Commission to confirm removal of existing equipment and placement of our own equipment would fall under an exemption – to determine if this site not only provides improvement in the system functionality but also a potential cost savings. The team has requested preliminary design costs from Motorola Solution Inc., (MSI) at the end of March and are working with them to determine if they are interested in building this site or if the team needs to pursue other options. Nonetheless, the focus will continue to be public safety and building you the best system for the best price. Deputy Program Manager Tanya Roth will provide your Board will additional details relating to this and other coastal sites under Agenda Item H.

Grants Update

Executive Director Scott Edson stated as was reported to your Board at the April Board meeting, a formal extension request was requested from the federal grantor due to inability of Motorola to complete grant funded work by the performance period deadline. The extension required all work be completed and submitted by mid-May. MSI continues to struggle to meet these dates on certain site work, with the teams will be meeting today to go over the final work that requires completion and acceptance by next week. Executive Director Scott Edson stated again, the team is having issues with enforcing contract terms that require performance and schedule adherence; however, Motorola cites delays that could have been mitigated had they completed their work in accordance with the schedule over the course of the last two years of the active open grant. Communications are ongoing and regular with Federal Emergency Management Agency (FEMA), Cal OES and Mayor's office representatives regarding these issues. They are concerned about the lack of integrated master schedule and need to understand when the team will achieve system acceptance. Executive Director Scott Edson stated achieving a consensus schedule is the first step, with adherence to the same as well as to contract terms is the second to achieve successful completion of the system. MSI needs to accept the schedule is not just a flexible ledger that continues to change but instead requires accountability and recovery whenever the system acceptance date pushes out. This is what the team will continuing to push for. Project Manager Justin Delfino will provide additional details on Land Mobile Radio (LMR) build under his project managers report.

Additionally, as the sworn team continues to outreach to stakeholder and interested system users, a firm understanding of system acceptance / go-live date is critical. The region needs to take steps to prepare for system acceptance, which includes radio and equipment purchase – that will continue to be delayed while the team struggle with solidifying the IMS. Lieutenant Sven Crongeyer will provide your Board with additional



details regarding the Outreach teams' efforts over this past month under Agenda Item I.

Finally, as the team continues to work through issues regarding uninterrupted site work and schedule adherence the team has run into issues where MSI presents unreasonable Change Orders, that if not approved result in a halt of their site work. The contract provides for various options to address change orders and uninterrupted site work, and in order to preserve this work flow, the team brings before your Board Agenda Item J, which seeks delegated authority to issue unilateral amendments to the Agreement up to \$210,000 limits. Contract Managers Jeanette Arismendez will provide your Board additional details under Agenda Item J.

Executive Director Scott Edson stated for a future Board meeting, staff is working with County Counsel to develop a renewal lease for LADWP 243, which was an oversight on our part and allowed the short term lease agreement to lapse in October of 2020; however, the site owner is understanding and agreeable to enter into a renewal under original terms. The team plans to bring it to your Board in the next few months.

Executive Director Edson thanked the Chair and Board members and concluded his report.

There was no further discussion.

Board Member Mark Fronterotta stated that Executive Director Edson mentioned in his report about interference issues and Board Member Fronterotta stated he was sensitive to that issue as they had some problems with that at the stadium last weekend; what impact might this have the use of these frequencies or what financial impacts might this have. Executive Director Edson stated there has been some re-design costs incurred due to the frequencies interference issue with Tijuana and San Diego as well as some equipment reprogramming cost. The re-design was about \$1 million but the team will provide those exact numbers to your Board at our next meeting and continue to assess any financial impacts as we continue to assess. Executive Director Edson stated he will report this regularly to the Board.

C. Project Manager's Report – Justin Delfino

LMR PROGRAM CONSTRUCTION OVERVIEW

Program Manager Delfino provided an update on the construction overview and shared some recent successes on the LMR Program.



Open and Active Sites:

- Program Manager Delfino stated the majority of UASI 18 sites are complete and waiting for meter set at PRG, LPC and RHT expected by May 15, 2021. Power activation for six (6) other sites have been moved to UASI 19 and will complete in July 2021.
- A path forward has been established for the three sites near California Condor territory MML, WTR and MDI. All the sites will be in re-design with the exception of MDI, whose design will remain as originally planned but will require a 30-day consultation with the Department of Fish and Wildlife.
- The team had a meeting and reported status of sites to Cal OES and FEMA on May 4, 2021.
- UASI 19 active sites are nine sites, which are BUR1, PMT, RPVT, GRM, MTL2, UNIV, BJM, PMT, and FRP. Program Manager Delfino stated progress is occurring at each site but as Executive Director Edson mentioned the issue still persists with not having an accepted IMS schedule, which makes tracking progress more difficult. The LA-RICS team is out on sites on a daily basis while sites are under construction.
- Seven (7) sites remaining to start in the Program, 33 sites have normal power, MSI has optimized approximately 29 sites. Program Manager Delfino stated the build-out is approximately 82% complete overall. Total sites remain at 58 sites.

Notable April/May successes on the LMR Program:

- Program Manager Delfino stated Only SPN and RELAY remain for plan check submission.
- The Authority learned that MCI site can be exempted by California Coastal Commission and will only be subject to 6-month administrative review.
- Program Manager Delfino stated FRP re-started and GRM has been mobilized. As you may recall at the last meeting for GRM there was a proposed change order settlement from the contractor and at BJM is satisfied until they can re-mobilize in July.
- Zero recordable injuries to date.

SAA's:

- All site access agreements are complete.



Open Issues Unresolved:

- Program Manager Delfino stated Interference on UHF frequencies is unresolved and requires coordination with MSI and ISD, Lead Engineer Ted Pao will provide an update in Agenda Item G. Recently, MSI provided IMS still being submitted as “Information Only” with their latest submission received on April 13, 2021, showing a finish date in February of 2023. MSI’s non-continuous work and disregard for agreement notification periods have negatively affected MMRP operations and Program completion forecasting.

Current Areas of Focus:

- Program Manager Delfino stated a meeting is scheduled with MSI’s performance bonding agency to discuss the IMS and other contract deficiencies that Authority has determined constitute default. The outcome of the meeting should be a path toward a mutually agreed IMS so that the teams can jointly understand the planned system acceptance date.
- Program Manager Delfino stated Phase 2 and Phase 4 punch walks needs a process improvement. Phase 2 and Phase 4 close out manual submissions have lacked the quality and attention needed for immediate approval and acceptance. The team is working to resolve these issues and MSI has indicated that they have brought on dedicated personnel to assist with close-out material assemblage.
- The Authority is requiring submission of the close out manual prior to approving future Work Acceptance Certificate (WAC)s to ensure the work is performed per contract.
- Dispute resolutions over contract language, is another area of focus for the Team at this item. This issue will be further discussed under Agenda Item J.,
- Process refinement is also an area of focus between SCE, Los Angeles County, and MSI with regard to power activations.

Program Manager Delfino provided updates and shared site photos of what the team has been working on as stated below:

MML

Program Manager Delfino shared a photo of MML and stated a completion of the site the gravel is put down in the compound and the only thing outstanding is the power.

MTL2

Program Manager Delfino shared a photo of the foundation in and tower being erected.



MTL2 (continued)

Program Manager Delfino shared a photo (left) of the foundation as well as pumping concrete. This work was done in mid-April.

MTL2 (continued)

Program Manager Delfino shared a photo of the delivery to the tower.

CPK

Program Manager Delfino shared a photo (left) of the progress of the concrete pumping the foundation and the tower (red and white) the existing tower will be demolished. The photo (right) is the crane stacked the tallest section of the tower. This tower is completely installed.

CPK (continued)

Program Manager Delfino shared a photo of the cable ladder being installed on the existing shelter, asphalt installed and the radio racks on the existing shelter.

PMT

Program Manager Delfino shared a photo (left) of the progress of the finished pad which previously had no walls now shows full height wall with the middle concrete for the generator and tank. The photo (right) shows paving between the shelter and generator tank area.

UNIV - CITYWALK

Program Manager Delfino shared a photo of completely built out site. The Citywalk project has two components, the 10-UCP which is a building with the tall structure and the Citywalk portion which is Universal City Walk Park which is 75% to 80% complete as of today. On the 10-UCP side the work is getting kicked off right now and it should be a quick build since it is only a couple microwave links.

GRM

Program Manager Delfino shared a photo of progress of the foundation and MSI spoke about being a hard dig, they were able to get to the ground with the machinery that they brought out and were able to achieve full depth on their foundation.

BUR1

Program Manager Delfino shared a photo of an earthmover sitting on a stock pile of material. This site sits on a slope, so they have an objective to build up the site in order to get to a final grade. MSI is contesting that this was unforeseeable and this is another issue the team is working through with MSI.



BUR1 (continued)

Program Manager Delfino shared a photo of the pile from the previous image now being cut and a filled with engineered soil as aggregate base being compacted to bring it back to that same grade. The tower is installed at this location and there is one other issue in regards to power, which there is not much vegetation left because of the Bobcat fire. SCE has been in communications with USFS and contemplating using a solar system to supply their customers rather than re-constructing the hard lines once had prior to the fire. SCE is estimating two years to build out the solar system which Edison plans to use for power.

BUR1 (continued)

Program Manager Delfino shared a photo of a landscape view of the site.

RPVT

Program Manager Delfino shared a photo of progress and the photo (left) was from last month and the photo (right) is where the team is at this month.

RPVT (continued)

Program Manager Delfino shared a photo of the amount of excavation the team had to do within the entire perimeter and had to over-excavate by 6-foot depth due to concrete pile that had been buried in that location.

RPVT (continued)

Program Manager Delfino shared a photo of the amount of concrete, from an old golf cart path that had been buried. Approximately a thousand tons of material has been excavated and hauled off to disposal.

RPVT (continued)

Program Manager Delfino shared a photo to illustrate the scope of the rubble pile which reached a height of about eight feet and is happy to report the operation to excavate and remove debris is now over.

This concludes the Project Manager's Report.

There was no further discussion.

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

E. Finance Committee Chair Report – No Report



VII. DISCUSSION ITEMS (F-J)

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

Program Director Chris Odenthal stated the document before the Board is a table showing all sites with progress which remains consistent in your packet. Construction is complete on all sites 21 through 25 with the exception of POM2 (and POLB1 which the Authority is not building). POM2 is working with the JCC and construction has resumed, drilling into the concrete roof to mount the final equipment and this site should be done by the end of this month (May 24th).

Program Director Odenthal stated all other sites have finished construction and all equipment is in. MML2 is part of the LMR power delivery system that the team has re-designed based on the USFS, which Program Manager Delfino spoke about earlier. Once that LMR portion is done this site will also be turned on.

Lastly, Program Director Odenthal stated MNTBLPD has been cleared and the meter release is with SCE for meter set date. At site POLA2, AT&T is in discussion for an agreement for both fiber transport and power delivery from Fenix terminal. For POLA1, the team is waiting for LADWP to complete its construction work to install conduit and conductor. Once complete, the site will be powered up. POLB1 is still in negotiation with Los Angeles Port and AT&T on their final agreement on use of that existing tower. LA-RICS has fulfilled its responsibilities for this line item.

This concludes the update.

There was no further discussion.

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

LA-RICS Lead Engineer Ted Pao stated LA-RICS received Spectrum Fingerprinting and Noise Floor Monitoring Report as part of Amendment 40 scope of work with Motorola. As Director Edson pointed out earlier, there are some sites suffering from external interference that have affected the in-bound coverage. The intent of this report is to measure the radio frequency noise floor and determine transmitter signal at a site. It is not intended to find the source of the interference. The County is looking into this matter as it is the license holder for the affected spectrum. The team will be working closely with the County in the coming weeks to find the sources of the interference and to mitigate them.

For the UHF T-band licenses update, the team has received responses back from FCC. The County is analyzing some of the deficiencies as stated in FCC's responses and will formulate a plan to correct the issues.



There was no further discussion.

H. Update on Coastal Commission Sites in the Land Mobile Radio System – Tanya Roth

Deputy Program Manager Tanya Roth stated this discussion item series commenced last summer and focused on Coastal Development Permit (CDP) status of seven LMR sites. On behalf of the project team she was pleased to announce that all seven sites have cleared coastal permitting.

Deputy Program Manager Tanya Roth reviewed each of the site seven sites as follows.

- Sites Castro Peak (CPK) and Topanga (TOP) secured CDP exemptions in early May 2020.
- As for the Catalina sites, Black Jack Mountain (BJM) CDP was issued on December 18, 2020, with Dakin Peak (DPK) and Tower Peak(TWR) issued a day earlier on December 17, 2020.
- The CDPs for Saddle Peak (SPN) and Fire Station 072 were both issued last month on April 12, 2021. The costal process was long and suspenseful due to appeals filed but the team got it done. The issuance of the last two CDPs round out the seven initially perused.

Deputy Program Manager Tanya Roth stated she would like to thank DRP for their partnership and consultation through this process along with Los Angeles County Fire Department (LACoFD) and Los Angeles County Sheriff's Department (LASD) for their testimony in support at the hearings in 2020.

Moving forward, this discussion item will provide a brief status on each of the aforementioned sites along with an update on sites RELAY and MCI. Deputy Program Manager Tanya Roth provided the following updates on each site.

- TOP Phase 2 and Phase 4 work is complete, pending completion of adjacent sites in order to carry traffic.
- CPK Phase 2 work continues, which were complicated by power design and drilling issues, both now resolved. Phase 4 is in early stages of equipment install.
- Phase 2 work within the shelter at BJM is complete and Phase 4 work is in process. Once complete the site will be dormant through the end of June due to the fox pupping season, which prohibits ground disturbing activities.



- All three sites on Catalina BJM, DPK, TWR are expected to commence full construction in early July while the teams continue to work on logistics and details in anticipation of mobilization.
- For SPN the 18' towers Executive Director Edson mentioned is pending MSI for DPW submittal.
- Fire Station 072 building permit (BP) was pulled on April 23rd and Motorola conducted a re-bid walk earlier this week, pending MSI for schedule to plan construction outreach now that all permitting is in place.
- RELAY, the RF augmentation to the TOP site, will require a full CDP. The package is in its final stages of development and will be delivered to DRP shortly. Once deemed complete, the public hearing process will commence.
- MCI is the alternate site under consideration for SPN, which consist a 70' lattice tower and an existing 700 sf shelter with a generator room. The project team had a huge win in this last reporting period that paves the way for a far more valuable and effective LA-RICS facility by taking advantage of existing 70' lattice tower in a location we would otherwise be limited to 18.' The team has in hand all current permitting for the existing infrastructure, which enables us to process coastal permitting saving time and reduce the work effort.

This concludes the update.

There was no further discussion.

I. Outreach Update – Lieutenant Sven Crongeyer

Lieutenant Crongeyer stated a detailed outreach summary document for the month of April is included in the agenda packet for your review and information. This last month the team met with the UCLA Police Department to discuss radio code plug programming and dispatch console upgrades and integration. The team met with Cal State Dominguez Hills Police Department to discuss on-boarding costs and radio interoperability with the Sheriff's Department. The team also met with the City of Lancaster to discuss their communications needs including their desire for interoperability with the Sheriff's Department. The Los Angeles County Health Department tested LA-RICS on opening day at Dodger Stadium. The test was successful.

This concludes my update.



There was no further discussion.

VIII. ADMINISTRATIVE MATTERS (J-K)

J. REQUEST TO ADD TO THE EXECUTIVE DIRECTOR'S DELEGATED AUTHORITY REGARDING AGREEMENT NO. LA-RICS 007 FOR LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM LAND MOBILE RADIO SYSTEM

Contracts Manager Jeanette Arismendez presented Agenda Item J, recommending the Board approve and delegate authority to the Executive Director to issue unilateral amendments to the LMR Agreement, as may be necessary, up to the not-to-exceed amount of \$210,000 per Amendment for changes in work, provided such unilateral amendments are approved as to form by Counsel to the Authority. Broadening the Executive Director's delegated authority would allow us to process unilateral amendments in an expeditious manner.

Alternate Board Member John Geiger asked whether the \$210,000 was an aggregate limit for all delegated authority Amendments or whether this was a cap per Amendment with no limit on the aggregate? Administrative Deputy Susy Orellana-Curtiss responded the amount was a cap per Amendment. Alternate Board Member Geiger commented that in the spirit of transparency and accountability he would request some type of advance notice by the Executive Director of his intent to exercise the delegated authority and enter into an amendment, notwithstanding a concern being raised by a Board Member the Director would be free to exercise that discretion. Alternate Board Member Geiger indicated if any concerns were raised the Executive Director would have mechanism to agendize the matter. Alternate Board Member Geiger expressed his concern regarding an unlimited aggregate amount and indicated he would like to have ability to see the total spend under the Executive Directors delegated authority. However, Alternate Board Member Geiger did state that he was in favor of the concept.

Board Member Mark Alexander commented that he shared Alternate Board Member Geiger's concerns and suggested a sub-committee meet if the amendment was over a certain dollar amount to which Alternate Board Member Geiger concurred with Board Member Alexander's suggestion. Counsel to the Authority, Michael Simon, provided additional information, in particular regarding why the delegation was being requested and explained that the County follows the same process in that they provide the delegated authority to the Director to process change orders under the threshold. Counsel Simon explained to the Board how the County follows this process and requires a report back quarterly although commented that it may make sense for the LA-RICS Executive Director to report back at the following Board Meeting to clarify details relating to Unilateral Amendments executed, if any. Counsel Simon opined that the delegation is needed to avoid delay in getting work at the sites done in a timely manner where in this project we have experienced Motorola refusing to perform work



until such time as amendments are processed. To this, Alternate Board Member Geiger commented that a three to five-day notice would not slow down the process explaining the delegation would still be in effect, but requested to put a process in place for transparency regarding the spend. Board Member Alexander recommended identifying a certain threshold amount for the additional notice to Board members.

Administrative Deputy Orellana-Curtiss offered for the Boards' consideration to present each unilateral amendment up to the \$210,000 limit to the Oversight Committee. Board Member Alexander and Alternate Board Member Geiger agreed to that process but left the threshold dollar amount up for discussion. Administrative Deputy Orellana-Curtiss asked if the Board would consider the \$100,000 limit with anything exceeding that threshold being presented to Oversight Committee for consideration. Alternate Board Member Geiger proposed an amendment to the motion as follows: The delegated authority be granted to the Executive Director to issue unilateral amendments up to \$210,000, with amendments exceeding \$100,000 be presented to the Oversight Committee for consideration.

Alternate Board Member John Geiger motioned first, seconded by Board Member Mark Alexander.

Ayes 9: Alexander, Fronterotta, Fruhwirth, Geiger, Nunley, Osby, Povero, Solinsky and Vera.

MOTION APPROVED.

K. APPROVE AMENDMENT NO. 4 TO THE BUSINESS AGREEMENT WITH AT&T CORP.

Administrative Deputy Orellana-Curtiss presented Agenda Item K, which is Amendment No. 4 to Business Agreement with AT&T, and recommended the Board take the following actions:

1. Delegate authority to the Executive Director to execute Amendment No. 4 to the Business Agreement, in substantially similar form to the Enclosure 1 (Amendment No. 4) to the Board Letter, between the Authority and AT&T to allow the Authority to receive two (2) payments of \$3 million each in connection with the Asset Transfer Agreement for PSBN Round 2 sites.
2. Delegate Authority to the Executive Director to approve and execute amendments to the Business Agreement, as may be necessary, provided that any such amendments are approved as to form by Counsel to the Authority.



Board Member Mark Alexander motioned first, seconded by Alternate Board Member Kay Fruhwirth.

Ayes 9: Alexander, Fronterotta, Fruhwirth, Geiger, Nunley, Osby, Povero, Solinsky and Vera.

MOTION APPROVED.

IX. MISCELLANEOUS – NONE

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

XI. CLOSED SESSION REPORT

The Board entered into Closed Session at 9:50 a.m.

1. CONFERENCE WITH LEGAL COUNSEL –Anticipated Litigation (subdivision (d) of Government Code Section 54956.9) (1 case).

The Board returned from Closed Session at 10:08 a.m., and Board Secretary Priscilla Dalrymple took roll call and acknowledged a quorum was present. Counsel Saldana stated that the Board is now back in open session and that the Brown Act does not require a report.

XII. ADJOURNMENT AND NEXT MEETING:

Alternate Chair Vera called for a motion to adjourn, Board Member Mark Alexander motioned first, seconded by Board Member Povero; the Board meeting adjourned at 10:10 a.m., and the next meeting will be held on Thursday, June 3, 2021, at 9:00 a.m., via Microsoft Teams / Teleconference Meeting.

Executive Summary

June 3, 2021

LTE Update

- PSBN Round 2
 - Sites 1-10 are closed and LA-RICS has received payment
 - Sites 11-20 have an agreement with ATT and are completing final ATT acceptance.
 - Sites 21-26 are complete pending final power delivery with exception of two (2) sites, POM2 and POLB1. POM2 is planned for completion at the end of June 2021. POLB1 will not be constructed by LA-RICS.

LMR Update

- UASI 18 work closed after two extensions that were granted to MSI.
 - The UASI 18 effort brought 14 new sites into the network.
- UASI 19 is active and will pay for the completion of the remaining sites.
- Building Permit(s) outstanding are SPH, TOP RELAY, and SPN.
- All SAA's Complete.
- 58 sites in Network, 47 sites completed through Ph.4a. 7 sites remain to start.
- I-5 North Cell is completed. Downtown Cell will be completed by the end of June 2021.
- Over 31 sites have normal power on and are optimized at site level.
- ISSI has been successfully tested between ICI System and LA-RICS.
- MSI and the Authority meet regularly to discuss and resolve a wide range of issues relating to contract conformance and timely completion of work as well as regional interference and its effects on system testing and acceptance. The biggest issue on the Program at this time is MSI's lack of adherence to the scheduling requirements in the Agreement. MSI is expected to submit an IMS for Acceptance in June 2021.



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	\$34,973,030.00	\$-	5/31/21
UASI 19	\$35,000,000	\$34,157,288	\$1,807,080	\$842,712	5/31/22
BTOP	\$149,608,227	\$149,608,227	\$149,608,227	\$ 0*	9/30/20

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

Los Angeles Regional Interoperable Communications System

PROJECT DESCRIPTION

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

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

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

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

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

Location:

2525 Corporate Place, Suite 100
Monterey Park, CA 91754

Authority:

Los Angeles Regional Interoperable
Communications System

Management:

LA-RICS Project Team

Consultant:

Jacobs Program Management Company

Communications Vendor:

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



Monthly Report No. 109

For May 2021

Submitted May 28, 2021

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AGENDA ITEM C

LTE UPDATES

Operations/Governance

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

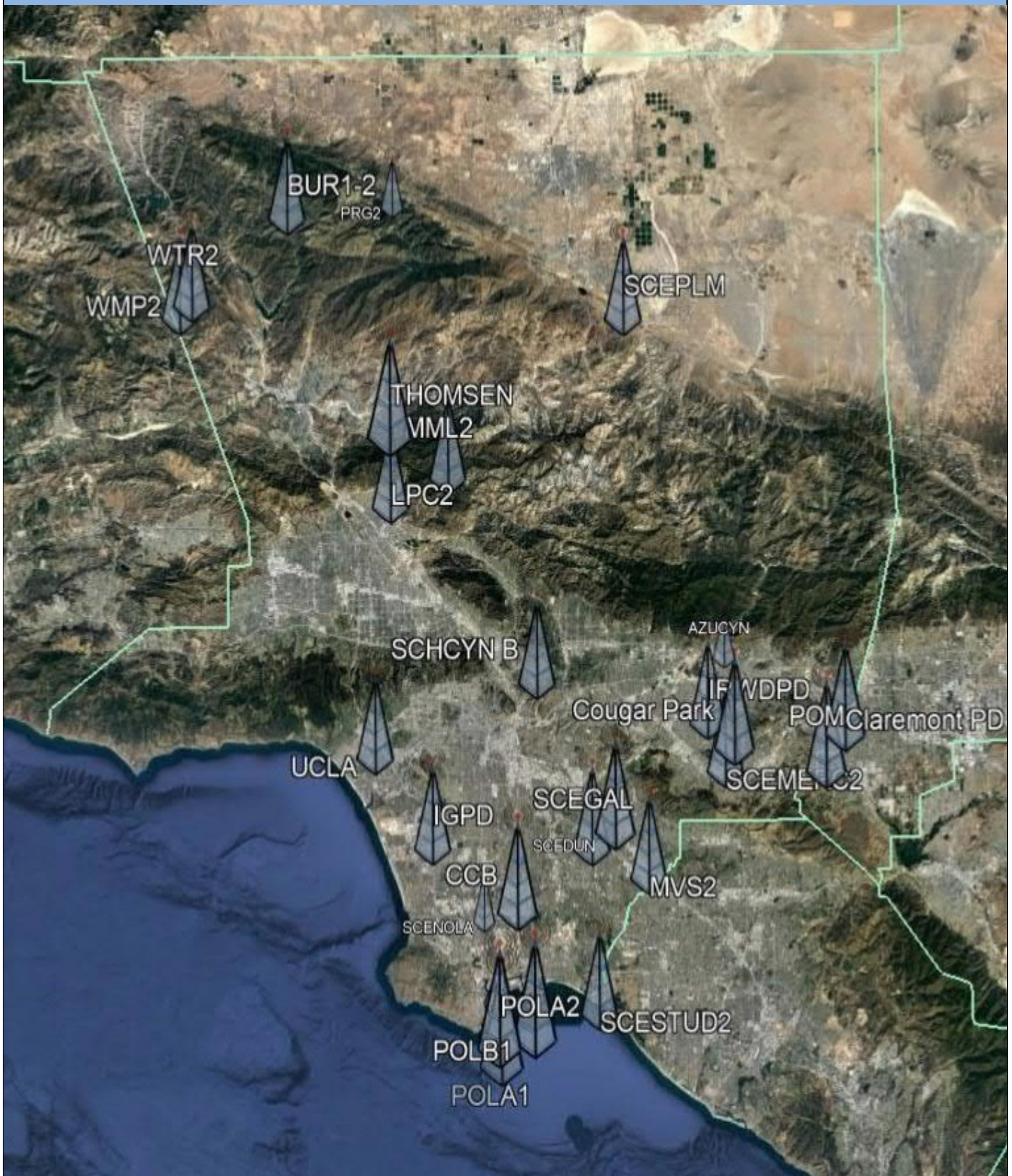
Special Events

- No new activity.

LTE Round 2 Updates

- The month of May 2021 saw progress in the acceptance of the LTE2 Sites 1-20 by FirstNet AT&T. Sites 21-26 have been completed except for two (2) sites; POM2 and POLB1. POM2 is planned for completion at the end of June 2021. POLB1 will not be constructed by LA-RICS. The design work for POLB1 and construction plans will be delivered to FirstNet AT&T at the time of turn-over for sites 21-26.
- There are no safety issues to report on in this period.
- There are no labor compliance issues to report in this period.
- There are no environmental compliance issues to report in this period.

LTE2 SITE MAP



LMR UPDATES

General Comment

- MSI has submitted its monthly reports so late that it has made it difficult, if not impossible, to thoroughly vet them and require changes from MSI prior to delivering them to the JPA Board. The most recent monthly reports from MSI have contained numerous inaccurate, or false statements and/or misleading statements regarding acceptance of the current master schedule, notices of constructive delays, lease agreements, zoning approvals, power, and agency cutovers. Their most recent report number 93 has followed the pattern of late submission and inaccurate content, so it is not being provided to the JPA Board as a result.

Environmental Update

- Jacobs continued full-time MMRP monitoring effort. Motorola has not improved their ability to forecast work, which directly impacts the MMRP effort. On a regular basis, MSI will cancel work on short notice (less than the stipulated and mutually agreed notification period of 48 hours) resulting in LA-RICS monitors dispatched to sites with no activity. Motorola received formal correspondence from LA-RICS demanding that MSI discontinue late cancellations, no shows, and early dismissal of work so that site monitors are not wasting resources and so that work proceeds on a continual basis. An additional formal notification including a request for reimbursement is planned for transmission to Motorola in this reporting period.
- The Project Team has accomplished Worker Environmental Awareness Program (WEAP) training for 1,495 persons as of May 7, 2021.
- The Project Team has continued to support development of and review of MSI's coastal development permitting documents and pre-con plans and checklists for sites going into construction.
- No new NOEs or NODs were required for actions taken during the May Board meeting.

Permitting Support

- Three (3) building permit(s) outstanding are SPH, TOP RELAY and SPN.
- Fifty-eight (58) 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, MDI, MLM, MMC, MML, MIR, MTL2, MVS, OAT, ONK, PHN, PLM, PMT, POM, PRG, RIH, RHT, RPVT, SDW, SGH, SPH, TOPex, TPK, TWR, UCLA, UNIV, VPK, WMP, WTR)

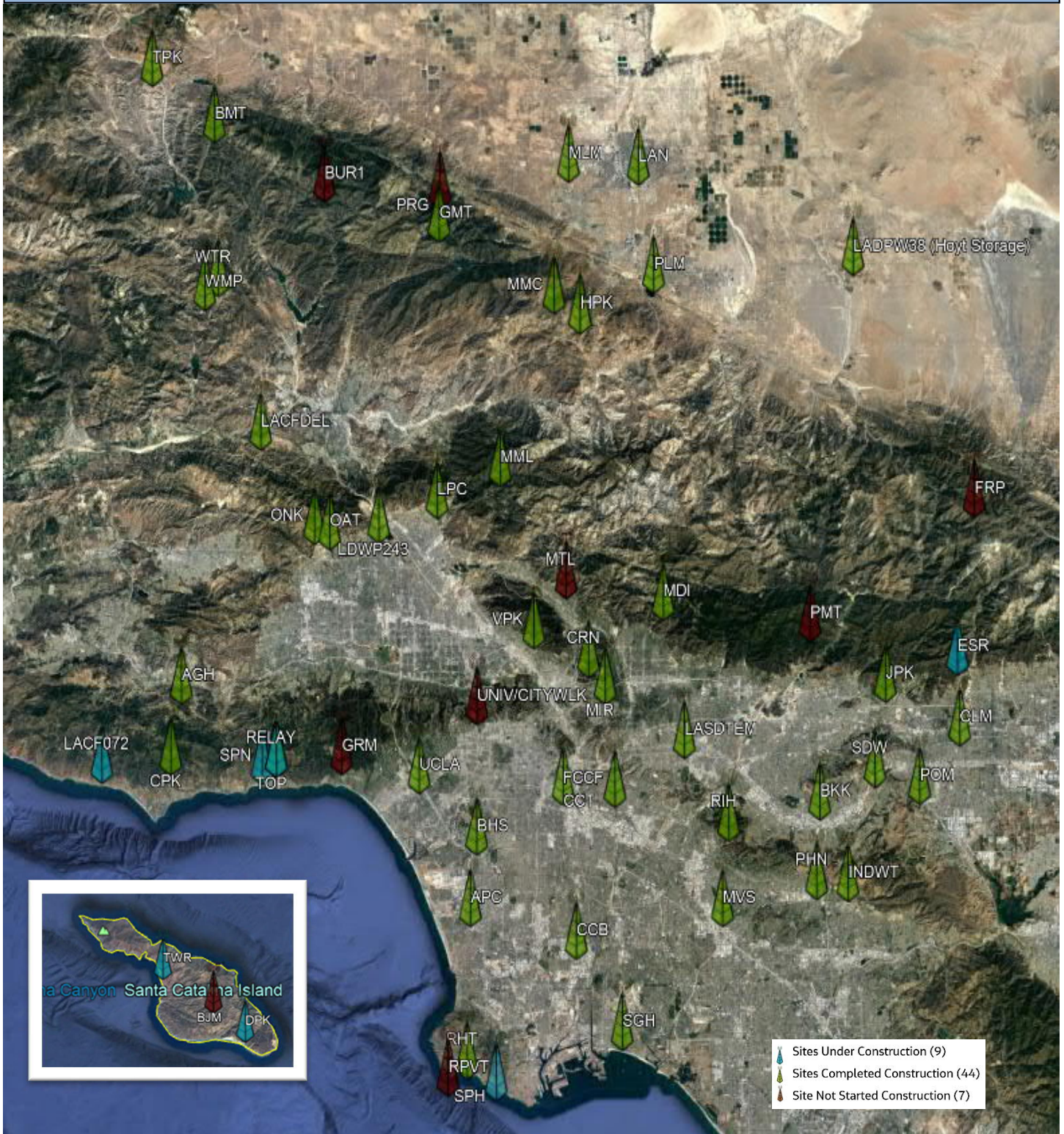
Site/Civil

- All site access agreements (SAA's) are completed and have been transmitted to MSI.
- 58 sites in Network, 47 sites completed through Ph.4a. 7 sites remain to start.
- I-5 North Cell is completed. Downtown Cell will be completed by the end of June 2021. The Downtown cell could be useful for upcoming events in Los Angeles such as grand scale events at the SoFi Stadium, if an agreement is reached to use the cell while other testing continues, or under other mutually agreeable terms.
- Over 31 sites have normal power on and are optimized at site level by MSI.
- LA-RICS and ISD are meeting to discuss migration plans and details on June 1st for select sites that entail ISD migrating its equipment to the new LA-RICS tower.
- Schedule issues persist. The DD13APR2021 IMS, which was submitted by MSI "for information only" has the final system acceptance at 2/2/23, and no additional written notice from the MSI PD has come in to change that. Additionally, in late May MSI submitted a 5/11/2021DD IMS further extending the finish of the Program to the end of February 2023. On May 20th, MSI and the Authority met regarding the IMS. With the attendance of the performance bond surety, MSI and LA-RICS met daily the week of May 24th, 2021 to discuss scheduling details, such as clarification over responsibility to provide status updates and confirmation on durations to plan for when the Authority must review and authorize project submissions such as pre-construction plans, for example. The meetings have been productive thus far. The Authority hopes that the efforts spent will lead to a mutually agreed IMS submission from MSI in June 2021.

Network

- Frequency usage and narrow-banding remain focal items for the LMR Program and has been tracked as making positive progress throughout the month of April. Los Angeles County Sheriff and ISD work to complete what little work remains for narrow-banding. MSI and the Authority meet regularly to discuss the progress. System interference on Ch. 16, is still being investigated by the Sheriff's Department and ISD along with the technical liaisons from LA-RICS. The coordination between LASD and LA-RICS is critical to ensure that frequencies are available for testing and operating the Analog Conventional System (ACVRS) particularly.
- The ISSI connection was made to the ICI system at the LA-RICS Mirador site in Pasadena (MIR) to test functionality. The testing confirmed a successful connection between networks.
- The LMR Site Map shows the status of sites as of May 2021 with the six of the seven sites listed above still in blue as they have not actually broken ground yet.

LMR SITE MAP





**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 3, 2021

To: LA-RICS Authority Board of Directors

From: Scott Edson
Executive Director

A handwritten signature in blue ink, appearing to read 'Scott Edson', is placed to the right of the 'From:' line.

PSBN ROUND 2 IMPLEMENTATION AND CONSTRUCTION UPDATE

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

CO:pdd

Attachment

LA-RICS PSBN SITE DEPLOYMENT

Week of 05/24/2021

Site ID	Type	GC	Power	City Planning	MISC Permit HDP /CP	Building Permit Rec'd	SAA Exec	Site Construction Start	Tower Delivered	Tower Construction Complete	Lines & Antennas Complete	Equipment Installation Complete	Site Construction Finish	Close Out	Comments
MML2	Colo	MSI	Complete	NA	NA	5/21/2020	Complete	7/31/2020	NA	11/20/2020	11/27/2020	11/30/2020	11/30/2020	5/30/2021	Substantially Complete. LA-RICS to provide corrections week of 5/16/2021. Awaiting AT&T MW CDs and Structural Report for LA-RICS Approval for Lease Exhibits and Routing.
MNTBLPD	Pole	Diversified	Complete	NA	NA	9/11/2020	Complete	9/28/2020	8/21/2020	10/16/2020	11/27/2020	11/30/2020	11/30/2020	5/30/2021	Substantially Complete. Awaiting SCE to Acquire Conveyance to set Meter.
POLA1	Best	Jitney	Complete	7/30/2020	CP = Approved HEP = Approved	7/31/2020	Complete	8/10/2020	8/29/2020	8/29/2020	2/5/2021	10/6/2020	3/5/2021	5/30/2021	Substantially Complete. LADWP Conduit Construction completed. LADWP estimated 6-8 weeks for Meter Set.
POLA2	Best	Jitney	Fenix	7/30/2020	CP = Approved HEP = Approved	7/31/2020	Complete	8/10/2020	8/29/2020	8/29/2020	10/6/2020	10/6/2020	4/19/2021	5/31/2021	Substantially Complete Require wet stamp LADBS completion to receive Building Final. In process.
POLB1	Pole	Motive	Submeter - Design Complete	8/20/2020	Complete	9/18/2020	Pending - See Comments	Pending - See Comments	Pending - See Comments	Pending - See Comments	Pending - See Comments	Pending - See Comments	Pending - See Comments	Pending - See Comments	CX awaiting AT&T Lease negotiation approved.
POM2	Roof	Motive	Complete	NA	NA	12/23/2020	Complete	2/1/2021	NA	NA	3/12/2021	6/23/2021	6/25/2021	6/30/2021	CX Restart 6/2/2021

Legend	
	Completed
	Forecasted - Schedule
	Delayed Timeline

Tower Type	Qty
Colo	1
Pole	4
Roof	1



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SCOTT EDSON
EXECUTIVE DIRECTOR

June 3, 2021

To: LA-RICS Authority Board of Directors

From: Scott Edson
Executive Director

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

The purpose of this discussion item is to update your Board on the frequency interference as well as frequency licensing issues impacting the Land Mobile Radio System deployment.

TP:pdd

AGENDA ITEM G



LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

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SCOTT EDSON
EXECUTIVE DIRECTOR

June 3, 2021

To: LA-RICS Authority Board of Directors

From: Scott Edson
Executive Director

UPDATE ON COASTAL COMMISSION SITES IN THE LAND MOBILE RADIO SYSTEM

The purpose of this discussion item is to provide an update on key milestones for the Land Mobile Radio (LMR) System sites within the Coastal Zone.

- Fire Station 72: In preparation for the upcoming commencement of Phase 2, Construction Outreach was conducted to the residences within 500' of the site on Tuesday, May 25, 2021.
- RELAY: A revised Coastal Development Permit Application package was received from Motorola on Wednesday, May 26, 2021, and will be submitted to the Department of Regional Planning for review. Once the package is deemed complete, the public hearing process will begin.
- MCI: Letters of Intent (LOI) from the Site Owner have been received outlining the terms and conditions under which the Site Owner would be interested to enter into a Site Access Agreement with LA-RICS along with a sublease arrangement with Los Angeles County Sheriff. Staff from both agencies are reviewing the LOIs for feasibility to proceed.

TR:pdd



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SCOTT EDSON
EXECUTIVE DIRECTOR

June 3, 2021

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 Public Safety Broadband Network (PSBN) and Land Mobile Radio (LMR) project. The below meetings occurred since our last report to you:

Municipality	Meeting Date
<i>Introduction with Central Square</i>	May 3, 2021
<i>International Public Safety Association (IPSA)</i>	May 4, 2021
<i>LA County / LARICS Spectrum Management</i>	May 7, 2021
<i>Review Central Square Mobility Solutions</i>	May 11, 2021
<i>First Responder Resource Group (FRRG) ESC Update Meeting</i>	May 11, 2021
<i>International Public Safety Association (IPSA) Board Meeting</i>	May 17, 2021
<i>FS72 Pre-Con Outreach Kickoff</i>	May 21, 2021
<i>LA County / LARICS Spectrum Management</i>	May 21, 2021

LA-RICS posted construction start flyers to residents near the Los Angeles County Fire Station 72 Construction site in Malibu.

LA-RICS representatives met with employees from the Claremont Police Department to prepare for migration to LA-RICS.

AGENDA ITEM I

Representatives from LA-RICS met with staff from the City of Palmdale to discuss plans for migration to LA-RICS and continued interoperability with the Los Angeles County Sheriff's Department.

LA-RICS staff met with employees from the Los Angeles County Department of Mental Health to discuss on-boarding with LA-RICS.

LA-RICS representatives met with employees from the San Gabriel Police Department to discuss the status of LA-RICS construction.

Lastly, there are association and public safety interest group meetings that were attended listed above.

SC:pdd



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SCOTT EDSON
EXECUTIVE DIRECTOR

June 3, 2021

To: LA-RICS Authority Board of Directors

From: Scott Edson
Executive Director

A handwritten signature in blue ink, appearing to read "Scott Edson", is placed to the right of the "From:" line.

ELECTION OF CHAIRPERSON AND VICE-CHAIRPERSON

The purpose of this discussion item is to notify the Board that at the July 8, 2021, Board Meeting, an item will be calendared to allow the Board to elect a Chairperson and Vice-Chairperson from among the Directors. With the recent appointments and retirements of Board Directors, it would be good to hold the election at the beginning of the new fiscal year 2021-2022. The Joint Powers Authority (JPA) Agreement provides that at each fiscal year, the Board shall elect a Chairperson and Vice-Chairperson. The Board may continue to elect the current Chairperson and Vice-Chairperson, or consider other Board members.

SOC:pdd



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SCOTT EDSON
EXECUTIVE DIRECTOR

June 3, 2021

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

Dear Directors:

APPROVE THE FISCAL-YEAR 2021-22 PROPOSED LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY OPERATING BUDGET

SUBJECT

Staff is requesting your Board adopt the Fiscal-Year 2021-22 Proposed Los Angeles Regional Interoperable Communications System Authority Operating Budget.

RECOMMENDED ACTION

It is recommended that your Board adopt the Enclosed Fiscal-Year 2021-22 Proposed Operating Budget of \$45,050,000 to be utilized for the continued operation of the Authority.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The Enclosed Proposed Operating Budget will allow the Authority to expend funding on, among other things, the County of Los Angeles (County) project team, as well as executed consultant contracts, travel and training, services and supplies, equipment, Lease, Liability and Commercial Property Insurance.

FISCAL IMPACT/FINANCING

Federal grants will fund \$40,043,000 of grant-funded expenditures. In addition to Federal Grant revenue, \$3,152,000 will be contributed by members in Fiscal-Year 2021-22. Member contributions are made up of Member Funded Joint Power Authority (JPA) Operations in the amount of \$1,300,000, Long Term Evolution (LTE) Administrative Costs in the amount of \$926,000 and Land Mobile Radio (LMR) Administrative Costs in the amount of \$926,000 in accordance with the Adopted Funding Plan. In addition, this year's proposed budget includes \$500,000 balance in services supporting LTE router replacement services, identified as AT&T Business Agreement Services in your budget

AGENDA ITEM K

summary. This year's proposed budget also includes the balance of funds allocated via the LA-RICS AT&T Business Agreement Amendment number 3 (\$1,355,000) for the completion of Six Public Safety Broadband Network Round 2 Sites, identified under Member Funded Joint Powers Authority Operations Contractors/ Consultants line item.

FACTS AND PROVISIONS/LEGAL REQUIREMENT

The Finance Committee met on May 20, 2021, and voted unanimously to recommend adoption of the budget. The LA-RICS Fiscal Agent / County's Auditor-Controller reviewed the recommended action.

Respectfully submitted,



SCOTT EDSON
EXECUTIVE DIRECTOR

SOC:GS:pdd

Enclosure

c: Counsel to the Authority



**FISCAL-YEAR 2021-22 PROPOSED BUDGET
EXECUTIVE SUMMARY**

PROJECT OVERVIEW

The Los Angeles Regional Interoperable Communication System (LA-RICS) is a modern collaborative effort of law enforcement, fire service, and health service professionals with the goal to provide a single, unified voice and data communication platform for all regional public safety agencies. When completed, LA-RICS will cover over 4,000 miles of diverse terrain and serve as the hub for over 34,000 first responders working across 85 municipalities. LA-RICS is deploying a Land Mobile Radio (LMR) system utilizing both digital trunked and analog conventional subsystems as well as deploying state and federal interoperability channels. The System is scheduled for system acceptance in 2022. LA-RICS will allow interagency coordination and response to routine, emergency, and catastrophic events.

A Joint Powers Authority ("Authority") was established in January 2009, to engage in regional and cooperative planning and coordination of governmental services. The Authority Board includes ten (10) Directors who represent a cross-section of first responder stakeholders who all share in the decision-making process, and has responsibility for setting policy and providing oversight on behalf of the Authority's Members.

The following details the proposed Fiscal-Year 2021-22 LA-RICS Operating Budget.

**LA-RICS RECOMMENDED OPERATING BUDGET FISCAL-YEAR 2021- 22
SOURCES**

Grant Funded Expenditures

- **LMR:** Expenditures reimbursable under the Urban Area Securities Initiative (UASI).

Member Funded Joint Powers Authority Operations, LTE Administrative Cost, LMR Administrative Cost, and AT&T Business Agreement Funds for Public Safety Broadband Network Round 2 Sites

Member Funded Authority Operations, LTE Administrative Cost, and LMR Administrative Cost will be paid for out of the LA-RICS AT&T Business Agreement Funds in accordance with the LA-RICS Adopted Funding Plan. Additionally, the FY 21-22 Budget contains the balance of funds allocated from the LA-RICS AT&T Business Agreement Amendment #3 for the completion of remaining Public Safety Broadband Network Round 2 Sites.

AT&T Business Agreement Services

Services relating to router replacement services in accordance with the executed Business Agreement between LA-RICS and AT&T.

LA-RICS RECOMMENDED OPERATING BUDGET FISCAL-YEAR 2021- 22 USES

LA-RICS Project Team

This section contains costs associated with salaries and employee benefits of project staff from various County of Los Angeles (County) departments, assigned to the LA-RICS project through a Master Agreement and Memorandum of Understanding between the Authority and the County Chief Executive Officer (CEO). Project staff provide support relating to daily operations of the project, including Operations, Technical, and Administrative Support. Costs are projected and will not be incurred unless funds are secured for the same.

Travel and Training

This section contains costs associated with travel and training of project staff and executive management to support the project goals and mission. Projected travel includes public education, outreach meetings, airfare charges, transportation charges, per diem, and related conference fee/meeting registration charges.

Admin and Other Contractors

This section contains costs associated with grant and member funded professional services agreements and contracts between the Authority and consultants for various services, including: LA-RICS Executive Director, County of Los Angeles Department of Public Works for Building and Safety and other construction/permit-related support as well as construction related procurement support, CEO Real Estate Division for site access negotiations and execution, and the Department of Regional Planning for zoning and construction support, as well as others as needed.

Miscellaneous

This section contains cost associated with miscellaneous fees, including utilities, LMR Notices of Exemption (NOE) as well as escort and permit fees.

Other Charges

This section contains costs associated with LA-RICS Authority Insurance, Commercial Property Insurance and FCC Licensing.

Lease, Tenant Improvements & Other Services – Suite 100

This section contains cost associated with Lease of LA-RICS office at 2525 Corporate Place, Suite 100, Monterey Park, California 91754.

Contractors/Consultants Services

This section contains costs associated with projected contract expenditures for project management, environmental studies, outreach, deployment of the system (LMR and LTE), and the balance of funds allocated from the LA-RICS AT&T Business Agreement Amendment #3 for the completion of remaining Public Safety Broadband Network Round 2 Sites.

LMR & LTE Administrative Costs

This section includes certain costs associated with the management and administration of the LTE and LMR system and their implementation in accordance with the Adopted Funding Plan.

CONCLUSION

Total Grant Funded Expenditures – \$40,043,000 projected in Fiscal-Year 2021-22.

Member Funded JPA Operations – \$2,655,000 projected in Fiscal-Year 2021-22.

Member Funded Authority Operations includes projected costs associated with activities supporting the Authority that cannot be funded by UASI Grants as they are considered management and administration, support operations and maintenance operations and/or are unallowable under the grant guidance/regulations.

This includes:

- Certain travel and training supporting the project goals;
- Supplies required for daily operations;
- Certain Admin and Other Contractors (Executive Director);
- Miscellaneous fees including utility fees for deployed sites, Notices of Exemption Filings, Escort and Permit Fees, etc.;
- Liability Insurance for LA-RICS JPA and Commercial Property Insurance; and
- Lease of LA-RICS office.

- Balance of funds allocated from the LA-RICS AT&T Business Agreement Amendment #3 for the completion of remaining Public Safety Broadband Network Round 2 Sites.

LTE Administrative Cost – \$926,000 projected in Fiscal-Year 2021-22.

LTE Administrative Costs includes costs associated with certain Project Team members as well as other expenditures (S&S, Travel, Miscellaneous and Lease for Suite 100) required to assign the PSBN Round 2 project including the assignment of Round 2 sites into the National Public Safety Broadband Network.

LMR Administrative Cost – \$926,000 projected in Fiscal-Year 2021-22.

LMR Administrative Costs includes costs associated with certain Project Team members as well as other expenditures (S&S, Travel, Miscellaneous, Other Charges and Lease for Suite 100) required to deploy, implement and operate the LMR system including contract and grant management as well as other tasks not funded by grants.

AT&T Business Agreement Services – \$500,000 captures the projected balance remaining in the Business Agreement Services fund to be used in Fiscal-Year 2021-2022.

AT&T Business Agreement Services costs include costs relating to router replacement services in accordance with the executed Business Agreement between LA-RICS and AT&T.

Los Angeles Regional Interoperable Communications System (LARICS)
Recommended Amended Operating Budget
Fiscal Year 2021-22

	FY 2019-20	FY 2020-21	FY 2020-21	FY 2021-22
FINANCING USES	ACTUALS	ADOPTED BUDGET	ESTIMATED	PROPOSED
<u>Grant Funded Expenditures</u>				
Project Team	5,487,475	5,459,000	2,571,485	2,400,000
BTOP	2,939,475	121,000	121,000	0
UASI Grant	2,548,000	5,338,000	2,450,485	2,400,000
Travel & Training	1,340	50,000	0	50,000
BTOP	1,340	0	0	0
UASI Grant	0	50,000	0	50,000
Admin and Other Contractors	211,362	0	0	0
BTOP	169,256	0	0	0
UASI Grant	42,106	0	0	0
Miscellaneous * (2)	630,000	705,000	283,000	500,000
BTOP	0	0	0	0
UASI Grant	630,000	705,000	283,000	500,000
Other Charges* (3)	245,227	677,000	103,184	451,000
BTOP	0	0	0	0
UASI Grant	245,227	677,000	103,184	451,000
Contractors/Consultants Services	50,301,331	58,904,000	24,631,387	36,642,000
BTOP	26,442,997	5,341,000	3,746,058	0
UASI	23,858,334	53,563,000	20,885,329	36,642,000
Total Grant Funded Expenditures	56,876,735	65,795,000	27,589,056	40,043,000
<u>Member Funded JPA Operations (1)</u>				
Project Team	491,000	700,000	648,263	700,000
Travel & Training	40,000	28,000	0	28,000
Services & Supplies	60,000	40,000	7,626	40,000
Admin and Other Contractors	116,000	232,000	232,000	232,000
Miscellaneous *(2)	138,000	110,000	110,000	110,000
Other Charges *(3)	70,000	70,000	70,000	70,000
Lease & Other Services - Suite 100	120,000	120,000	120,000	120,000
Contractors/Consultants Services	245,000	2,323,000	968,000	1,355,000
Total Member Funded JPA Operations	1,280,000	3,623,000	2,155,889	2,655,000
LMR Administrative Cost (1) (4)	850,000	908,000	908,000	926,000
LTE Administrative Cost (1) (4)	850,000	908,000	908,000	926,000
AT&T Business Agreement Services (BAS)	984,689	641,000	225,000	500,000
LTE Equipment Payment	5,992,000	0	0	0
Total LTE & LMR Member Funded, AT&T BAS and LTE Equipment	8,676,689	2,457,000	2,041,000	2,352,000
TOTAL FINANCING USES	66,833,424	71,875,000	31,785,945	45,050,000
<u>FINANCING SOURCES</u>				
Federal Grant Revenue		65,795,000		40,043,000
Member Contribution		5,439,000		4,507,000
AT&T Business Agreement Services		641,000		500,000
Total Available Financing		71,875,000		45,050,000

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

Note 2: Fees including utilities, Notices of Exception, Escort and permit fees, etc.

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

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

**LA-RICS
FY 2021-2022**

PROJECT TEAM	UASI/SHSGP Funding	Member Funded JPA Operations	LTE Admin Cost	LMR Admin Cost	Yearly Costs (Salary & Employee Benefits)
<u>DISTRICT ATTORNEY (DA)</u>					
Administrative Deputy II *	0	147,457	92,543	52,187	292,187
Fiscal Officer II *	0	112,151	35,000	107,085	254,236
DA Total	0	259,608	127,543	159,272	\$ 546,423
<u>TREASURER & TAX COLLECTOR (TTC)</u>					
Administrative Services Manager I *	72,976	20,000	61,996	12,000	166,972
TTC Total	72,976	20,000	61,996	12,000	\$ 166,972
<u>PUBLIC WORKS (PW)</u>					
Senior Management Secretary III *	95,531	20,000	11,290	25,958	152,779
PW Total	95,531	20,000	11,290	25,958	\$ 152,779
<u>SHERIFF (SH)</u>					
Operations Assistant III *	102,863	20,000	15,657	8,000	146,520
SH Total	102,863	20,000	15,657	8,000	\$ 146,520
<u>PROBATION (PB)</u>					
Administrative Services Manager I	153,530	0	20,070	22,000	195,600
Executive Assistant	178,702	37,543	19,576	15,071	250,892
PB Total	332,232	37,543	39,646	37,071	\$ 446,492
<u>ISD</u>					
Administrative Services Manager III *	202,524	10,000	19,278	10,000	241,802
ISD Total	202,524	10,000	19,278	10,000	\$ 241,802
<u>MENTAL HEALTH (MH)</u>					
Administrative Services Manager I	100,000	30,000	8,915	35,900	174,815
MH Total	100,000	30,000	8,915	35,900	\$ 174,815
<u>REGISTRAR RECORDER COUNTY CLERK (RRCC)</u>					
Accounting Officer II *	0	45,000	95,252	90,000	230,252
RRCC Total	0	45,000	95,252	90,000	\$ 230,252
<u>AUDITOR CONTROLLER (A/C)</u>					
S&EB					
Principal Accountant	0	3,700	13,990	6,000	23,690
Supervising Accountant	0	10,000	19,255	0	29,255
Accountant II	0	43,520	48,557		92,077
S&S					
Travel Administrative Cost	0	0	1,000	2,000	3,000
Single Audit	0	0	15,000	50,000	65,000
A/C Total	0	57,220	97,802	58,000	\$ 213,022
<u>COUNTY COUNSEL</u>					
Principal/Senior County Counsel (4)	318,821	40,000	0	48,658	407,479
Environmental Legal Services	64,464	0	0	0	64,464
County Counsel Total	383,285	40,000	0	48,658	\$ 471,943

**LA-RICS
FY 2021-2022**

PROJECT TEAM	UASI/SHSGP Funding	Member Funded JPA Operations	LTE Admin Cost	LMR Admin Cost	Yearly Costs (Salary & Employee Benefits)
<u>INTERNAL SERVICES DEPARTMENT (ISD)</u>					
Sr. Telecom Systems Engineer (3)	559,636	45,000	10,000	25,078	639,714
Supervising Telecom System Engineer	65,702	100,000	24,321	50,000	240,023
Communication Tower & Line Supervisor (2)	305,842	10,000	0	10,000	325,842
Sr. Electronics Communications Technician (2)	312,680	0	10,000	10,000	332,680
ISD Total	1,243,860	155,000	44,321	95,078	\$ 1,538,259

LOS ANGELES COUNTY FIRE (FR)

Fire Captain (1)	246,000	0	0	0	246,000
Fire Fighter Specialist (1)	215,000	0	0	0	215,000
FR Total	461,000	0	0	0	\$ 461,000

LOS ANGELES COUNTY SHERIFF (LASD)

S&EB

Lieutenant (1)	111,315	100,000	84,392	73,202	368,909
Sergeant (1)	220,005	29,513	12,501	48,835	310,854
Deputy (5)	905,354	49,000	94,899	27,704	1,076,957
Information Technology Manager III	193,505	18,410	49,029	46,520	307,464
Information Technology Specialist I	260,000	9,238	8,355	0	277,593
S&EB Total					\$ 2,341,777

S&S

Human Resources & Procurement Services	0	10,000	0	9,424	19,424
LASD Total	1,690,179	216,161	249,176	205,685	\$ 2,361,201

Total	4,684,450	910,532	770,876	785,622	7,151,480
Salary Savings	-2,284,450	-210,532	-170,876	-153,494	\$ (2,819,352)
Total Budgeted Project Team for FY 21-22	2,400,000	700,000	600,000	632,128	4,332,128

* These Positions are Underfills

**LA-RICS
FY 2021-2022**

GRANT FUNDED - CONTRACTORS/CONSULTANTS	Maximum Contract Sum	Funding Source
Project Construction Management	9,502,000	UASI 19
MISC County Contracts (DPW, CEO, CEO RED, RP, & ISD)	140,000	UASI 19
Telecommunications & Devices Contractors	27,000,000	UASI 19
Total Contractors/Consultants Services	\$ 36,642,000	

MEMBER FUNDED JPA OPERATIONS		Funding Source
Project Team	700,000	Member Funded
Travel & Training	28,000	Member Funded
Services & Supplies	40,000	Member Funded
Admin and Other Contractors (Executive Director)	232,000	Member Funded
Miscellaneous	110,000	Member Funded
Other Charges	70,000	Member Funded
Lease & Other Services - Suite 100	120,000	Member Funded
Contractors/Consultants Services	1,355,000	Member Funded
Total Member Funded JPA Operations	\$ 2,655,000	

LMR ADMINISTRATIVE COST (MEMBER FUNDED)		Funding Source
Project Team	632,000	Member Funded
Professional Consultants	173,000	Member Funded
Services, Supplies, Travel, lease & Misc	121,000	Member Funded
Total LMR Administrative Cost	\$ 926,000	

LTE ADMINISTRATIVE COST (MEMBER FUNDED)		Funding Source
Project Team	600,000	Member Funded
Services, Supplies, Travel, lease, Other Charges & Misc	326,000	Member Funded
Total LTE Administrative Cost	\$ 926,000	

AT&T BUSINESS AGREEMENT SERVICES		Funding Source
Professional Consultants & Swap Services Providers	500,000	AT&T Business Agreement Services
Total AT&T Business Agreement Services	\$ 500,000	



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 3, 2021

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

Dear Directors:

AUTHORIZE THE EXECUTIVE DIRECTOR TO ENTER INTO AN ESCROW AGREEMENT FOR HOLDBACK RETENTION UNDER AGREEMENT NO. LA-RICS 007

SUBJECT

Board approval is requested to delegate authority to the Executive Director to enter into an Escrow Agreement with Motorola Solutions, Inc. (MSI) for the deposit of Holdback amounts incurred to date and in the future corresponding to deliverables received and accepted for payment by the Authority on the LMR Project in accordance with LA-RICS Agreement 007 and California state law.

RECOMMENDED ACTIONS

It is recommended that your Board:

1. Authorize the Executive Director to negotiate, enter into and execute an Escrow Agreement, substantially similar in form to the enclosed Escrow Agreement (Enclosure) with MSI to establish an escrow account for the Holdback amounts on the LMR Project, and to direct the transfer of applicable funds to the escrow account. This authorization can only be used following receipt of approval from the federal grantor that the funds can be deposited in escrow at this point in the project, and following approval as to form of the final Escrow Agreement by Counsel to the Authority.

2. Delegate authority to the Executive Director to approve and execute amendments to the Escrow Agreement, as needed, for changes provided that any such amendments are approved as to form by Counsel to the Authority.

BACKGROUND

The LMR Agreement stipulates that MSI, the LMR Contractor, may elect to have the Holdback dollars from the LMR Agreement be deposited into an escrow account in lieu of retention monies to be withheld provided the deposit of monies follows federal law, rules, regulations, funding sources, or other applicable laws. This contract provision is consistent with state law requirements under Public Contracting Code 22300. Under the current contract, the total amount of Holdbacks is \$14,114,356 with approximately \$9,947,871 in Holdbacks incurred to date. It is MSI's responsibility to secure and pay for the services of a state or federally chartered bank to function as the escrow agent. Pursuant to the LMR Agreement and Public Contracting Code 22300, securities eligible for investment are listed under California Government Code Section 16430 or bank or savings bank certificates of deposit.

On March 31, 2021, MSI sent notification to the Authority exercising its option to have the Authority secure retention payments (Holdback) via an escrow agent. Upon successful completion of the Work under the LMR Agreement, the escrow agent will receive the payments and interest from the escrow account, subject to grantor approval.

On April 15, 2021, the Authority contacted the grantor and inquired whether there would be any issue processing a claim for reimbursement for the Holdback corresponding to deliverables approved and accepted to date, as well as to confirm interest gained from the Escrow Agreement is payable to MSI. The Authority is currently awaiting a response from the grantor. Should the grantor determine it appropriate to enter into this Escrow Agreement with MSI and your Board approves the recommended action, the Authority will proceed accordingly.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The purpose of the recommended actions is to allow the Executive Director to enter into and execute an Escrow Agreement with MSI to allow the Authority to deposit securities into in lieu of retention and delegate authority to the Executive Director to approve and execute amendments to said Escrow Agreement, as may be needed.

Approval of the recommended actions will allow the Authority to deposit monies for current and future retention amounts incurred by MSI into an escrow account, subject to grantor approval, consistent with the LMR Agreement and Public Contracting Code.

FISCAL IMPACT/FINANCING

There is no fiscal impact with the recommended actions as establishing and maintaining the escrow account is done at the expense of MSI. Additionally, the retention holdback amount accrued to date for work performed and for future work will be paid by the UASI grant.

FACTS AND PROVISIONS/LEGAL REQUIREMENT

The Authority's counsel has reviewed and concurs with the recommended actions.

CONCLUSION

Upon your 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

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cc: Counsel to the Authority

ESCROW AGREEMENT FOR SECURITY DEPOSITS IN LIEU OF RETENTION (“HOLDBACK”)

This Escrow Agreement (the “Agreement”) is made and entered into by and between the Los Angeles Regional Interoperable Communications System Authority (“Owner” or “Authority”), whose address is 2525 Corporate Place Suite #100, Monterey Park, California 91754, Motorola Solutions, Inc. (“Contractor” or “Motorola”), whose address is 500 West Monroe Street, Suite #4400, Chicago, Illinois 60661, and Wells Fargo Bank, N.A. (“Escrow Agent”), whose address is 333 South Grand Avenue, Suite #5A, Los Angeles, California 90071.

For the consideration hereinafter set forth, the Owner, Contractor, and Escrow Agent agree as follows:

- (1) Pursuant to Section 22300 of the Public Contract Code of the State of California, Contractor has the option to deposit securities with Escrow Agent as a substitute for retention earnings (referred to in the Contract referenced below as “Holdback”) required to be withheld by Owner pursuant to the Construction Contract entered into between the Owner and Contractor for the Los Angeles Regional Interoperable Communications System Land Mobile Radio System, dated September 5, 2013 (the “Contract”). Alternatively, on written request of the Contractor, the Owner shall make payments of the retention earnings directly to the Escrow Agent. When the Contractor deposits the securities as a substitute for Contract earnings, the Escrow Agent shall notify the Owner within ten (10) days of the deposit. The market value of the securities at the time of the substitution shall be at least equal to the cash amount then required to be withheld as retention under the terms of the Contract between the Owner and Contractor. Securities shall be held in the name of [not applicable], and shall designate the Contractor as the beneficial owner.
- (2) The Owner shall make progress payments to the Contractor for those funds which otherwise would be withheld from progress payments pursuant to the Contract provisions, provided that the Escrow Agent holds securities in the form and amount specified above.
- (3) When the Owner makes payment or retention earned directly to the Escrow Agent, the Escrow Agent shall hold them for the benefit of the Contractor until the time that the escrow created under this contract is terminated. The Contractor may direct the investment of the payments into securities. All terms and conditions of this Agreement and the rights and responsibilities of the parties shall be equally applicable and binding when the Owner pays the Escrow Agent directly.
- (4) Contractor shall be responsible for paying all fees for the expenses incurred by Escrow Agent in administering the Escrow Account and all expenses of the Owner.

These expenses and payment terms shall be determined by the Owner, Contractor, and Escrow Agent.

- (5) The interest earned on the securities or the money market accounts held in escrow and all interest earned on that interest shall be for the sole account of Contractor and shall be subject to withdrawal by Contractor at any time and from time to time without notice to the Owner.
- (6) Contractor shall have the right to withdraw all or any part of the principal in the Escrow Account only by written notice to Escrow Agent accompanied by written authorization from the Owner to the Escrow Agent that Owner consents to the withdrawal of the amount sought to be withdrawn by Contractor.
- (7) The Owner shall have a right to draw upon the securities in the event of default by the Contractor. Upon seven days' written notice to the Escrow Agent from the owner of the default, the Escrow Agent shall immediately convert the securities to cash and shall distribute the cash as instructed by the Owner.
- (8) Upon receipt of written notification from the Owner certifying that the Contract is final and complete, and that the Contractor has complied with all requirements and procedures applicable to the Contract, Escrow Agent shall release to Contractor all securities and interest on deposit less escrow fees and charges of the Escrow Account. The escrow shall be closed immediately upon disbursement of all moneys and securities on deposit and payments of fees and charges.
- (9) Escrow Agent shall rely on the written notifications from the Owner and the Contractor pursuant to Sections (5) to (8), inclusive, of this agreement and the Owner and Contractor shall hold Escrow Agent harmless from Escrow Agent's release and disbursement of the securities and interest as set forth above.
- (10) To date, \$9,792,847.00 has been withheld by Owner as Holdback. Owner, upon execution of the Agreement hereof, will deliver the amount of Holdback withheld so far to the Escrow Agent. Additionally, Owner shall make payments of Holdback earned directly to the Escrow Agent moving forward, at the expense of Contractor.

(11) The names of the persons who are authorized to give written notice or to receive written notice on behalf of the Owner and on behalf of Contractor in connection with the foregoing, and exemplars of their respective signatures are as follows:

On behalf of Owner:

On behalf of Contractor:

Executive Director, Authority
Title

Director of Treasury, Motorola
Title

Scott Edson
Name

John Grubnich
Name

Signature

Signature

2525 Corporate Place, Suite 100,
Monterey Park, CA 91754
Address

500 West Monroe Street, Suite 4400
Chicago, IL 60661
Address

On behalf of Escrow Agent:

Vice President
Title

Karen Yu
Name

Signature

333 S. Grand Avenue, Suite 5A
Los Angeles, CA 90071
Address

At the time the Escrow Account is opened, the Owner and Contractor shall deliver to the Escrow Agent a fully executed counterpart of this Agreement.

IN WITNESS WHEREOF, the parties have executed this Agreement by their proper officers, effective as of May 12, 2021.

On behalf of Owner:

On behalf of Contractor:

Executive Director, Authority
Title

Director of Treasury, Motorola
Title

Scott Edson
Name

John Grubnich
Name

Signature

Signature

2525 Corporate Place, Suite 100,
Monterey Park, CA 91754
Address

500 West Monroe Street, Suite 4400
Chicago, IL 60661
Address



**LOS ANGELES REGIONAL INTEROPERABLE
COMMUNICATIONS SYSTEM AUTHORITY**

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

SCOTT EDSON
EXECUTIVE DIRECTOR

June 3, 2021

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

Dear Directors:

**APPROVE AMENDMENT NO. 61 – UNILATERAL AMENDMENT NO. 2 TO
AGREEMENT NO. LA-RICS 007 FOR
LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM
LAND MOBILE RADIO SYSTEM**

SUBJECT

Board approval is requested to authorize the Executive Director to execute Amendment No. 61 – Unilateral Amendment No. 2 (hereinafter referred to as Unilateral Amendment No. 2), to Agreement No. LA-RICS 007 (Agreement) for the Land Mobile Radio (LMR) System to incorporate a change order for the Rancho Palos Verdes site as further described in this Board Letter resulting in a not to exceed cost increase in the amount of \$257,862.

RECOMMENDED ACTIONS

It is recommended that your Board:

1. Find that (a) approval of Unilateral Amendment No. 2 to reflect a change order at one (1) LMR System Site, Rancho Palos Verdes (RPVT), related to concrete debris removal, is within the scope of the design, construction, implementation, operation and maintenance activities for the LMR System previously authorized at this site, which your Board previously found categorically exempt from the California Environmental Quality Act (CEQA) on July 11, 2019, pursuant to 14 Cal. Regs. ("CEQA Guidelines") §§ 15303 and 15304, and the determination that these activities are exempt from CEQA remains unchanged.

2. Approve Unilateral Amendment No. 2, in substantially similar form to the Enclosure, to Agreement No. LA-RICS 007 for an LMR System with Motorola Solutions, Inc. (MSI) which revises the Agreement to incorporate a change order as further described in this Board Letter for a not to exceed cost increase up to \$257,862.
3. Authorize a not to exceed cost increase to the Maximum Contract Sum up to \$257,862 increasing the Maximum Contract Sum from \$287,447,056 up to \$287,704,918.
4. Allow for the issuance of one of more Notices to Proceed for the Work contemplated in Unilateral Amendment No. 2.
5. Delegate authority to the Executive Director to execute Unilateral Amendment No. 2, in substantially similar form, to the enclosed Amendment (Enclosure).
6. If, however, the parties are able to reach consensus on the price of the work, the delegations and authorizations set forth in Recommendations 1-5 shall apply to such work being included in Amendment No. 61, in lieu of using Unilateral Amendment No. 2.

BACKGROUND

On May 6, 2021, your Board delegated authority to the Executive Director to issue unilateral amendments to the LMR Agreement, as may be necessary, provided such unilateral amendments are approved as to form by Counsel to the Authority. At this meeting, the Board elected to have Unilateral Amendments exceeding \$100,000, but within the \$210,000 threshold, be presented to the Oversight Committee for consideration.

The change order contemplated under Unilateral Amendment No. 2 is for work related to an unforeseen condition, in particular, an excessive amount of buried concrete discovered at the RPVT site during construction. This discovery resulted in approximately three (3) weeks of excavation, removal of concrete, and appropriate disposal of the concrete debris, as well as the fill of the excavation and backfill with suitable material. There was approximately 1,000 tons of material removed from the site with nine (9) loads of full sized dump trucks.

As the change order being contemplated under Unilateral Amendment No. 2 exceeds both the \$100,000 and \$210,000 threshold, it is appropriate to present it to your Board for consideration.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTIONS

Approval of the recommended actions will authorize the Executive Director to execute Unilateral Amendment No. 2 to incorporate a change order for the RPVT site, resulting in an increase to the Maximum Contract Sum up to \$257,862.

It is appropriate to incorporate the change order as MSI encountered an excessive amount of buried concrete at the RPVT site.

This change order is being processed via a Unilateral Amendment because the parties have not been able to come to an agreement on the proposed mark-ups for the lump sum change. The parties do agree on the scope and cost to perform the work, but have a disagreement on mark-up. The change order work contemplated in Unilateral Amendment No. 2 for the RPVT site was reviewed by the Change Order Control Board. However, due to the lack of agreement by both parties, the Authority's Project and Construction Manager, Jacobs Project Management Co., recommends proceeding with issuance of Unilateral Amendment No. 2 for this work absent a consensus with MSI. If, however, the parties are able to reach consensus on the mark-up percentages in the near future, the Unilateral Amendment will not be used and an Amendment No. 61 will be executed instead.

FISCAL IMPACT/FINANCING

The activities contemplated in Unilateral Amendment No. 2 will result in a not to exceed cost increase to the Maximum Contract Sum up to \$257,862 from \$287,447,056 up to \$287,704,918. All work contemplated in Unilateral Amendment No. 2 shall be fully reimbursed by the Urban Areas Security Initiative (UASI) grant.

ENVIRONMENTAL DOCUMENTATION

As the CEQA lead agency, the Authority previously determined on July 11, 2019, that design, construction, implementation, operation, and maintenance of LMR System infrastructure at one (1) LMR System Site (RPVT), is exempt from review under CEQA pursuant to 14 Cal. Code Regs. ("CEQA Guidelines") §§ 15303 and 15304. This determination is based on a detailed analysis of the site, available in the Authority's files, which demonstrates that the communication equipment proposed at the site (1) consists 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); and (2) consists of minor alterations in the condition of land, water, and/or vegetation, which do not involve removal of healthy, mature, scenic trees (Guidelines § 15304). The analysis also demonstrates that none of the activities proposed at this site triggers any applicable exception to the

identified categorical exemption(s). (Guidelines § 15300.2.). Specifically, the project 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 activity will have a significant effect on the environment due to unusual circumstances; the project would not result in damage to scenic resources within a highway officially designated as a state scenic highway; the site is not located on a site included on any list compiled pursuant to Section 65962.5 of the Government Code; and the project would not cause a substantial adverse change in the significance of a historical resource.

Upon the Board's approval of the recommended actions for this Unilateral Amendment No. 2, the Authority will file a will file a Notice of Exemption (NOE) for this LMR System Site (RPVT) with the County Clerk in accordance with Section 15062 of the State CEQA Guidelines.

FACTS AND PROVISIONS/LEGAL REQUIREMENT

The Authority's counsel has reviewed the recommended actions and has 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

D:\MOTOROLA (LA-RICS 007)\2. Amendments\Amendment 61 (Unilateral Amendment 2)\LMR Amendment 61_Unilateral Amendment 2_Board Letter_05-27-21v2.docx

Enclosure

cc: Counsel to the Authority

**AMENDMENT NUMBER SIXTY-ONE –
(UNILATERAL AMENDMENT NUMBER TWO)
TO AGREEMENT NO. LA-RICS 007
FOR**

**LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM
LAND MOBILE RADIO SYSTEM**

RECITALS

This Amendment Number Sixty-One – Unilateral Amendment Number Two (together with all exhibits, attachments, and schedules hereto, "hereinafter Unilateral Amendment No. 2") is unilaterally issued by the Los Angeles Regional Interoperable Communications System Authority ("Authority") pursuant to Section 2.3.6 (Unilateral Amendment) of the Agreement, and is effective as of June _____ 2021, based on the following recitals:

The Authority and Motorola Solutions, Inc. ("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").

The Agreement has been subsequently amended by mutual agreement of the parties pursuant to Amendment Numbers One through Fifty-Nine.

This Agreement has been subsequently amended unilaterally pursuant to Amendment Number Sixty – Unilateral Amendment Number One, issued May 18, 2021, to (a) make changes necessary to incorporate certain LMR change orders for the DPK, FRP, MIR and MTL2 sites as further described in Unilateral Amendment No. 1 for a not to exceed cost increase in the amount of \$39,866 to the Maximum Contract Sum; (b) increase the Maximum Contract Sum by \$39,866 from \$287,407,190 to \$287,447,056 for the Work contemplated in Unilateral Amendment No. 1; and (c) make other certain changes as set forth in Unilateral Amendment No. 1.

The Agreement permits the Authority to issue Unilateral Amendments pursuant to Section 2.3.6 (Unilateral Amendment) and Section 2.3.10.2 (Unilateral Amendment), and the Authority has determined a Unilateral Amendment needs to be issued.

The Authority is unilaterally amending the Agreement to make changes necessary to (a) incorporate a certain LMR change order for the RPVT site as further described in this Unilateral Amendment No. 2 for a not to exceed cost increase in the amount of \$257,862 to the Maximum Contract Sum; (b) increase the Maximum Contract Sum by \$257,862 from \$287,447,056 to \$287,704,918 for the Work contemplated in this Unilateral Amendment No. 2; and (c) make other certain changes as set forth in this Unilateral Amendment No. 2.

This Unilateral Amendment No. 2 is authorized under Section 2 (Changes to Agreement) and Section 2.3.6 (Unilateral Amendment) of the Agreement.

NOW THEREFORE, in consideration of the foregoing recitals, all of which are incorporated as part of this Unilateral Amendment No. 2, and for other valuable consideration, the Authority issues the following:

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 Base Document. Unless otherwise noted, section references in this Unilateral Amendment No. 2 refer to sections of the Base Document, as amended by this Unilateral Amendment No. 2.
2. Unilateral Amendment for Certain Change Order Work. Pursuant to Section 2.3.6 (Unilateral Amendment) of Agreement No. LA-RICS 007, this Unilateral Amendment No. 2 is issued by the Authority and hereby directs Contractor to perform the Work as stated in Section 2 to this Unilateral Amendment No. 2, in exchange for the firm fixed amounts set forth in Exhibit C.21 (LMR Unilateral Amendments) of Exhibit C (Schedule of Payments), which is attached to this Unilateral Amendment No. 2.

Item No.	Site ID	Site Name	Authority's Unilateral COR No. in Prolog	Previous RFQ No. or MSI Change Order No.	Description	Method of Compensation for Changes in the Work	Amount
1.	RPVT	Rancho Palos Verdes	RPVT COR 004 Unilateral	LMR-COR 7042/7048	Concrete Debris Removal	Method B	\$257,862
TOTAL UNILATERAL AMOUNT:							\$257,862

- 2.1 Contractor shall perform all Work necessary to remove the concrete debris pursuant to the AESCO Evaluation of Concrete Debris in the Foundation Areas Report for the RPVT site, which is attached to this Unilateral Amendment No. 2 (**Attachment A**) and incorporated herein by this reference. The Work contemplated in **Attachment A** includes removal of debris and unsuitable fill per the AESCO Evaluation of Concrete Debris in the Foundation Areas Report, in areas beneath and around the fence line with associated grounding and the entire fenced area to a depth of approximately 72". Debris and unsuitable fill will be properly disposed of offsite and suitable fill material shall be imported for use.
 - 2.1.1 Excavate buried debris.
 - 2.1.2 Off hall buried debris.
 - 2.1.3 Backfill.
 - 2.1.4 Construction manager onsite supervise during work.
 - 2.1.5 Deputy inspection.
- 2.2 The cost to perform this Work is contemplated in Exhibit C.21 (LMR Unilateral Amendments) of Exhibit C (Schedule of Payments). A detailed cost breakdown reflecting the unilateral costs and markup is attached to this

Unilateral Amendment No. 2 (**Attachment B**) and incorporated herein by this reference.

3. Amendments to the Base Document.

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 Eighty-Seven Million, Seven Hundred Four Thousand, Nine Hundred Eighteen Dollars (\$287,704,918) 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 Two Hundred Eighty-Five Million, Fifty-Eight Thousand, One Hundred Fifty-One Dollars (\$285,058,151). 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 Unilateral Amendment No. 2 and incorporated herein by this reference.

4.2 Exhibit C.21 (LMR Unilateral Amendments) is deleted in its entirety and replaced with Exhibit C.21 (LMR Unilateral Amendments), which is attached to this Unilateral Amendment No. 2 and incorporated herein by this reference.

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

5.1 Los Angeles County Counsel has approved this Unilateral Amendment No. 2 as to form;

- 5.2 The Board of Directors of the Authority has authorized the Executive Director of the Authority, if required, to execute this Unilateral Amendment No. 2; and
- 5.3 The Executive Director of the Authority has executed this Unilateral Amendment No. 2.
- 6. Except as expressly provided in this Unilateral Amendment No. 2, all other terms and conditions of the Agreement shall remain the same and in full force and effect.
- 7. This Unilateral Amendment No. 2 may be executed in one or more original or facsimile counterparts, all of which when taken together shall constitute one in the same instrument.

* * *

**AMENDMENT NUMBER SIXTY-ONE –
UNILATERAL AMENDMENT NUMBER TWO
TO AGREEMENT NO. LA-RICS 007**

**FOR
LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM
LAND MOBILE RADIO SYSTEM**

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

LOS ANGELES REGIONAL
INTEROPERABLE COMMUNICATIONS
SYSTEM AUTHORITY

By: _____

Scott Edson
Executive Director

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

RODRIGO A. CASTRO-SILVA
County Counsel

By: _____

Truc L. Moore
Principal Deputy County Counsel

April 7, 2021

Mr. Luzine Rawls
Pyramid Network Services, LLC
6519 Towpath Road
East Syracuse, New York 13057

**Subject: Evaluation of Concrete Debris in the Foundation Areas
LARICS LMR Wireless Communications Facility
Site Name: RPVT
7000 Los Verdes Drive
Rancho Palos Verdes, CA
AESCO Project No. 20181105-G0929**

**Reference: Geotechnical Report
LARICS LMR Wireless Communications Facility
Site Name: RPVT
Los Verdes Golf Course
7000 Los Verdes Drive
Rancho Palos Verdes, CA
AESCO Project No. 20181105-F6266
Report Dated March 20, 2020**

Dear Mr. Rawls:

We understand that on April 2, 2021, the Contractor began excavating for the shallow foundations at the location of the fuel tank and generator enclosure on the south side of the site. Concrete rubble was encountered to a depth of approximately 5 feet below existing grade before encountering native soils. Excavations were also made at the equipment shelter and the monopole tower location at the north side of the site and found 3 feet of concrete rubble at those locations. An additional excavation was made near the current site entrance and concrete rubble was found to a depth of 5 feet but was stopped before native soil was reached. See the attached plan and photos from the excavations in the appendix.

On April 6, 2021, AESCO's Senior Project Engineer David Ryan, P.E. visited the site with Luzine Rawls of Pyramid to inspect the site, discuss the conditions encountered and look at what was required for debris removal and excavation backfill to grade. The Contractor had placed some of the concrete debris back in the excavation so that the full excavations were not visible on April 6. Limited information is available regarding the concrete debris but it is thought that, at

AGENDA ITEM M - ENCLOSURE

some time in the past, the adjacent golf course concrete path was demolished and the concrete debris was placed at the project site and covered over with soil. It should be pointed out that this concrete debris was not encountered in the two borings drilled for the referenced geotechnical report that were drilled in February 2020. It appears that the site was regraded and the concrete debris was buried later on.

As stated in our above-referenced Geotechnical Report under section 4.6 *Site Preparation and Earthwork*:

The site should be cleared of vegetation, debris, concrete, organic matter, abandoned utility lines, contaminated soils (if any) and unsuitable material.

This statement in AESCO's geotechnical report is a requirement for the entire site, not just below the proposed area for slabs and utility lines. Based upon our recent visit, this debris could be present beneath much of the site.

When on site, AESCO's representative noted the excavated areas had loose topsoil present between three to six feet deep. After probing around all the exposed broken concrete debris, AESCO found varying layers of unstable, soft, and loose soil extending to three (3) feet. The soil does not appear to have been placed or compacted in a controlled manner and is an undocumented fill. Based upon our inspection, we estimate that these two pad areas may require removal of soil up to 6 feet deep which includes all the concrete debris and unsuitable soil. From the attached report of April 2, 2021 (Contractor Report), the concrete debris thickness in these areas were determined by the Contractor. AESCO could not verify these depths of debris since the holes were backfilled for safety since it is adjacent to a public golf course. An estimate of the area for the deep removal of the debris at the fuel storage and generator and at the equipment shelter building is shown in their report which is attached. Also, the monopole foundation will need concrete debris removed from the upper 3 to 5 feet before drilling the pier foundation. All excavations of concrete debris should extend out a distance of 5 feet beyond the structure limits.

The existing soil, from the observations made on April 6, does not appear suitable for use as fill on the site. Backfill should consist of imported engineered fill. The subgrade of the excavations should be prepared, and all fill placed in accordance with the requirements of Section 4.6 of the above-referenced geotechnical report.

All areas addressed above will require AESCO personnel to approve the bottom conditions before placement of any engineered fill and to monitor the fill compaction. We have attached a sketch in the Appendix forecasting the extent of excavation for an over-excavation limit that is a minimum of 5 feet outside of the foundation areas. The area of the utility lines can also be over-excavated and backfilled in the same manner to avoid construction issues when the lines are installed. Deeper excavations will increase the volume and area being excavated and backfilled.

Please do not hesitate to contact us if you have any questions or if we may be of any additional assistance. We look forward to assisting you during the construction of the proposed facility.

Sincerely,
AESCO

David J. Ryan, P.E.
Senior Project Engineer

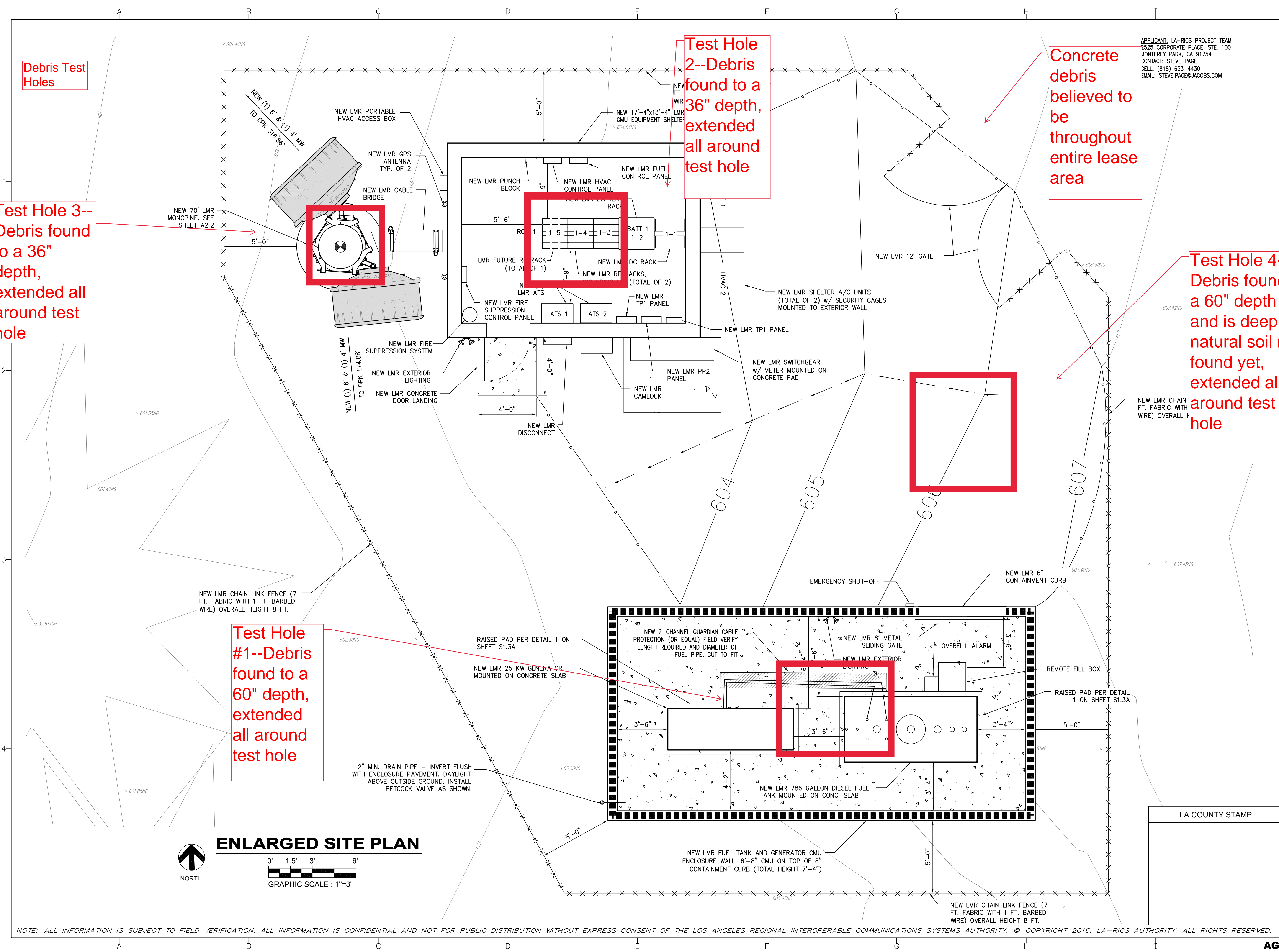
Adam Chamaa, P.E., G.E.
Engineering Manager

Russ Scharlin, P.E., G.E.
Senior Geotechnical Engineer

Appendices: Contractor Daily Report from April 2, 2021
Sketch of Over-Excavated Areas-AESCO Estimate April 6, 2021

APPENDIX

Daily Report by Contractor for April 2, 2021



Test Hole 1



RPVT
33.75131, -118.4027, 143.0m
04/02/2021 10:50:27 AM
AGENDA ITEM M - ENCLOSURE

Test Hole 1



RPVT
33.75131, -118.40269, 142.2m
AGENDA ITEM M- ENCLOSURE
04/02/2021 10:30:38 AM

Test Hole 2



RPVT
33.75143, -118.40273, 150.0m
AGENDA ITEM M-ENCLOSURE
04/02/2021 02:34:49 PM

Test
Hole 2



RPVT

33.75135, -118.40274, 131.1m

04/02/2021 03:11:25 PM

AGENDA ITEM M - ENCLOSURE

Test
Hole 3



RPVT
33.75143, -118.40281, 141.1m
AGENDA ITEM M-ENCLOSURE
04/02/2021 03:44:14 PM

Test
Hole 3



RPVT
38.75144, -118.40283, 140.9m
AGENDA ITEM M-ENCLOSURE
04/02/2021 03:44:19 PM

Test
Hole 4



RPVT

33.75136, -118.4027, 144.1m

04/02/2021 04:38:02 PM

AGENDA ITEM M - ENCLOSURE

Test
Hole 4



RPVT

33.75137, -118.40264, 142.7m

04/02/2021 04:38:31 PM

AGENDA ITEM M - ENCLOSURE

APPENDIX

Sketch of Over-Excavated Areas

AESCO Estimate April 6, 2021



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1						\$/hour	person	hours/day	days	total hours	actual cost	subcontract markups	subcontractor cost (with markup)	PNS markup rate	PNS price (with markup applied)	MSI markup	price to Authority (with MSI's markup)
2	RPVT COR 004 (unilateral)	Scope of Work: 1) Excavate 1,050 tons of buried debris 2) Off-haul buried debris 3) Backfill with 1,050 tons of recycle concrete base 4) Construction Manager to supervise during work 5) Deputy inspection		CM cost (Exhibit C.11 rate)	review and oversee additional work scope implementaion	\$118.00	1	8	15	120				0		0	\$14,160.00
3			Aesco	Deputy Inspection of soils compaction	Sr. geotech engineer	\$185.00				12		\$2,220.00	5%	\$15,088.50	5%	\$15,842.93	
4					project engineer/mamager	\$160.00			8		\$1,280.00						
5					Sr. grading inspector	\$120.00			48		\$5,760.00						
6					field vechicle usage (up to 100 miles)	\$70/trip			7 trips		\$490.00						
7					nuclear denisty gauge usage	\$18/hour			40 hours		\$720.00						
8					Atterberg Limits/Plasticity Index (ASTM D4318)	140/test			6 tests		\$840.00						
9					Maximum Density: Methods A/B/C (ASTM D1557 or D698, CTM 216)	185/test			6 tests		\$1,110.00						
10					Moisture Content (ASTM D2216, CTM 226)	25/test			6 tests		\$150.00						
11					Soil Classification (ASTM D2487)	35/test			6 tests		\$210.00						
12					Sieve #200 Wash Only (ASTM D1140)	95/test			6 tests		\$570.00						
13			Sieve Analysis including Wash (ASTM C136)	170/test			6 tests		\$1,020.00								
14			Solex	Labor	Operator	\$81.02	3	8	15	360	\$29,167.20	18%	\$34,417.30	5%	\$36,138.16	5%	\$37,945.07
15					Driver	\$59.88	2	8	15	240	\$14,371.20	18%	\$16,958.02	5%	\$17,805.92	5%	\$18,696.21
16					Laborer	\$59.88	1	8	15	120	\$7,185.60	18%	\$8,479.01	5%	\$8,902.96	5%	\$9,348.11
17				Material	Recycled Concrete Base	\$13.35/ton				1050 tons	\$14,017.50	15%	\$16,120.13	5%	\$16,926.13	5%	\$17,772.44
18					Water (allowance)						\$1,000.00	0%	\$1,000.00	5%	\$1,050.00	5%	\$1,102.50
19				Equipment	325 Excavtor	\$94.00	1	8	14	112	\$10,528.00	10%	\$11,580.80	5%	\$12,159.84	5%	\$12,767.83
20					Mine-Ex w/Breaker	\$94.00	1	8	6	48	\$4,512.00	10%	\$4,963.20	5%	\$5,211.36	5%	\$5,471.93
21					Loader	\$75.00	1	8	14	112	\$8,400.00	10%	\$9,240.00	5%	\$9,702.00	5%	\$10,187.10
22					Skip Loader						\$2,290.80	10%	\$2,519.88	5%	\$2,645.87	5%	\$2,778.17
23					Compaction equipment	\$48.00	1	8	5	40	\$1,920.00	10%	\$2,112.00	5%	\$2,217.60	5%	\$2,328.48
24					Water Buffalo	\$15.00	1	8	5	40	\$600.00	10%	\$660.00	5%	\$693.00	5%	\$727.65
25					Syd Dump Truck (2 trucks)	\$35.00	2	8	14	224	\$7,840.00	10%	\$8,624.00	5%	\$9,055.20	5%	\$9,507.96
26					equipment delivery & pick up						\$6,000.00	0%	\$6,000.00	5%	\$6,300.00	5%	\$6,615.00
27				Off-Haul Trucking/Dump 1050 tons (650 yards)	\$800/load					105 loads	\$84,000.00	0%	\$84,000.00	5%	\$88,200.00	5%	\$92,610.00

TOTAL UNILATERAL AMOUNT:

\$257,861.37

EXHIBIT C.1*Agreement No. LA-RICS 007 - Amended and Restated under Amendment No. 61 - Unilateral Amendment No. 2*

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 ^(Note 1)	\$ -	\$ 42,283,961	\$ 3,120,262	\$ 39,163,699
Phase 2	\$ -	\$ 42,772,168	\$ 4,167,827	\$ 38,604,342
Phase 3	\$ -	\$ 56,336,725	\$ 4,230,075	\$ 52,106,650
Phase 4	\$ -	\$ 21,170,136	\$ 2,053,642	\$ 19,116,494
SUBTOTAL (Phases 1 to 4):	\$ -	\$ 162,562,990	\$ 13,571,806	\$ 148,991,184
Phase 5 (15 Years)	\$ 55,898,518	\$ -	\$ -	\$ 55,898,518
TOTAL (Phases 1 to 5):	\$ 55,898,518	\$ 162,562,990	\$ 13,571,806	\$ 204,889,702
Bounded Area Coverage Additive Alternate ^(Note 1)	\$ 19,109,375	\$ -	\$ 1,910,937	\$ 17,198,437
Mandatory Building Coverage Additive Alternate	\$ 29,828,448	\$ -	\$ 2,982,845	\$ 26,845,603
Metrorail Coverage Additive Alternate	\$ 4,792,260	\$ -	\$ 479,226	\$ 4,313,034
LMR System Maintenance for Additive Alternates	\$ 19,620,355	\$ -	\$ 1,962,036	\$ 17,658,320
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		\$ 3,225,499	\$ 322,550	\$ 2,902,949
LMR Unilateral Amendments		\$ 297,728	\$ 29,773	\$ 267,955
Multiprotocol Label Switching Mobile Backhaul		\$ 2,200,000	\$ 220,000	\$ 1,980,000
Channel 15 and Channel 16 Interference Mitigation		\$ 803,207		\$ 803,207
LMR Bridge Warranty		\$ 1,785,136		\$ 1,785,136
SUBTOTAL	\$ 130,552,956	\$ 173,786,917	\$ 21,609,572	\$ 282,730,300
TOTAL CONTRACT SUM:	\$173,786,917			
LMR Discounts ^(Note 2)	-\$16,634,955			
MAXIMUM CONTRACT SUM(Total Unilateral Option Sum plus Total Contract Sum):	\$287,704,918			

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.21 - LMR UNILATERAL AMENDMENTS

Site ID	Previous RFQ No. or MSI Change Order No.	Unilateral COR No.	Amendment/ Unilateral Amendment No.	Description	Exhibit C.14 Unit Pricing/Section No. (Where Applicable)	Contract Sum - Payable Amount	10% Holdback Amount	Payable Amount Less 10% Holdback Amount
Amendment No. 60 - Unilateral Amendment No. 1								
DPK	LMR-COR 7047	DPK COR 002 Unilateral	Amendment No. 60/ Unilateral Amendment No. 1	Utility Power Work	Exhibit C.14 (Contractors Response to Appendix I (Pricing Requirements – Unsourced Options), in particular Section 2.7.1.g	\$ 10,676	\$ 1,068	\$ 9,608
FRP	LMR-COR 7039	FRP COR 001 Unilateral	Amendment No. 60/ Unilateral Amendment No. 1	Utility Power Work	Exhibit C.14 (Contractors Response to Appendix I (Pricing Requirements – Unsourced Options), in particular Section 2.7.1.g	\$ 10,676	\$ 1,068	\$ 9,608
MIR	RFQ LMR-0046	MIR COR 007 Unilateral	Amendment No. 60/ Unilateral Amendment No. 1	Existing Tower Removal	Exhibit C.14 (Contractors Response to Appendix I (Pricing Requirements – Unsourced Options), in particular, Section 3.9.c, Section 1.3.5.B, and Section 1.2.a	\$ 10,136	\$ 1,014	\$ 9,122
MTL2	LMR-COR 7040	MTL2 COR 006 Unilateral	Amendment No. 60/ Unilateral Amendment No. 1	Utility Power Work	Exhibit C.14 (Contractors Response to Appendix I (Pricing Requirements – Unsourced Options), in particular Section 2.7.1.f	\$ 8,378	\$ 838	\$ 7,540
Amendment No. 60 - Unilateral Amendment No. 1 Subtotal						\$ 39,866	\$ 3,987	\$ 35,879
Amendment No. 61 - Unilateral Amendment No. 2								
RPVT	LMR-COR 7042/ LMR-COR 7048	RPVT COR 004 Unilateral	Amendment No. 61/ Unilateral Amendment No. 2	Concrete Debris Removal	Attachment B to Amendment No. 61/ Unilateral Amendment No. 2	\$ 257,862	\$ 25,786	\$ 232,076
Amendment No. 61 - Unilateral Amendment No. 2 Subtotal						\$ 257,862	\$ 25,786	\$ 232,076
TOTAL FOR ALL LMR UNILATERAL AMENDMENTS						\$ 297,728	\$ 29,773	\$ 267,955