

# **AGENDA**

# LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY ("AUTHORITY")

# **BOARD OF DIRECTORS MEETING**

Thursday, September 1, 2022 • 9:00 a.m.

Microsoft Teams Meeting\* Link: Click here to join the meeting

### **Call-in Number for Board Members and Public:**

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

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

Conference ID: 546 443 188#

AGENDA POSTED: August 25, 2022

Complete agendas are available on the Authority's website at <a href="http://www.la-rics.org">http://www.la-rics.org</a>. \*The procedures used for this Teleconference Meeting are governed by AB 361.

	MEMBERS		ALTERNATES			
1.	Fesia Davenport, CEO County of Los Angeles Chief Executive Office	John Geiger     County of Los Angeles Chief Executive Office				
2.	Anthony Marrone (Vice-Chair), Acting Fire Chief County of Los Angeles Fire Department	Eleni Pappas, Deputy Fire Chief     County of Los Angeles Fire Department				
3.	Alex Villanueva (Chair), Sheriff County of Los Angeles Sheriff's Department	3. Brian Yanagi, Acting Chief County of Los Angeles Sheriff's Department				
4.	Richard Tadeo, Director, EMS Agency County of Los Angeles Department of Health Services	Vacant, EMS Agency     County of Los Angeles Department of Health Services				
5.	Phil Ambrose, Battalion Chief Los Angeles Area Fire Chiefs Association	5. Vacant Seat Los Angeles Area Fire Chiefs Association				
6.	Brian Solinsky, Police Chief Los Angeles County Police Chief's Association	6. Tom Jacobs, Lieutenant Los Angeles County Police Chief's Association				
7.	Mark R. Alexander, City Manager California Contract Cities Association	7. Marcel Rodarte, Executive Director California Contract Cities Association				
8.	David Povero, Police Chief At-Large Seat #8 (City of Covina Police Department)	8.	Ric Walczak, Captain At-Large Seat #8 (City of Covina Police Department)			
9.	Mark Fronterotta, Police Chief At-Large Seat #9 (City of Inglewood Police Department)	9. Cardell Hurt, Captain At-Large Seat #9 (City of Inglewood Police Department)				
10.	Brian Leyn, Captain At-Large Seat #10 (City of Signal Hill Police Department)	10.	10. Vacant Seat At-Large Seat #10 (City of Signal Hill Police Department)			

OFFICERS	
Scott Edson, LA-RICS Executive Director	
Arlene Barrera, County of Los Angeles, Auditor-Controller	
Keith Knox, County of Los Angeles, Treasurer and Tax Collector	
Susy Orellana-Curtiss, LA-RICS Administrative Deputy	
Beatriz Cojulun, LA-RICS Board Secretary	

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# 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 B)
  - **A.** August 4, 2022 Regular Meeting Minutes

Agenda Item A

B. August 16, 2022 – Special Meeting Minutes

Agenda Item B

- IV. PUBLIC COMMENTS
- V. CONSENT CALENDAR (C)
  - C. FINDINGS TO CONTINUE TELECONFERENCE MEETINGS UNDER AB 361 AND RELATED ACTIONS

It is recommended that your Board:

- 1. Find, in accordance with AB 361 Section 3(e)(3), California Government Code Section 54953(e)(3), that the Board has reconsidered the circumstances of the State of Emergency due to the COVID-19 pandemic and that the State of Emergency remains active; and
- 2. Find, in accordance with AB 361 Section 3(e)(3), California Government Code Section 54953(e)(3), that local officials continue to recommend measures to promote social distancing.

Agenda Item C

# VI. REPORTS (D - G)

**D.** Director's Report – Scott Edson

Agenda Item D

E. Project Manager's Report – Steve Page

Agenda Item E

**F.** Joint Operations and Technical Committee Chair's Report – No Report



**G.** Finance Committee Chair's Report – No Report

# VII. DISCUSSION ITEMS (H – K)

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

Agenda Item H

I. Outreach Update – Lieutenant Robert Weber

Agenda Item I

**J.** Election of Chairperson and Vice-Chairperson – Scott Edson

Agenda Item J

K. Statement of Receipts & Disbursement for AT&T Business Agreement Fund for Public Safety Broadband Network – Susy Orellana-Curtiss

Agenda Item K

### VIII. ADMINISTRATIVE MATTERS (L)

L. APPROVE AMENDMENT NO. 104 TO AGREEMENT NO. LA-RICS 007 LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM LAND MOBILE RADIO (LMR) SYSTEM

It is recommended that your Board:

- 1. Approve Amendment No. 104 to Agreement No. LA-RICS 007 for an LMR System with Motorola Solutions, Inc. (MSI) to reflect a decrease in certain scope and corresponding cost in the amount of \$366,556.
- 2. Authorize a decrease to the Maximum Contract Sum in an amount of \$366,556 from \$215,207,751 to \$214,841,195 when taking the recommended action into consideration.
- 3. Delegate authority to the Executive Director to execute Amendment No. 104, in substantially similar form to the enclosed Amendment (Enclosure).

Agenda Item L

#### IX. MISCELLANEOUS

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



### XI. CLOSED SESSION REPORT

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

# XII. ADJOURNMENT AND NEXT MEETING

Special Board Meeting on Thursday, September 22, 2022, at 9:00 a.m., via Microsoft Teams / Teleconference Meeting.

September 1, 2022 Page 4 Regular Meeting Agenda



#### **BOARD MEETING INFORMATION**

Members of the public may also address the Board on any matter within the subject matter jurisdiction of the Board. The Board will entertain such comments during the Public Comment period. Public Comment will be limited to three (3) minutes per individual for each item addressed, unless there are more than ten (10) requests for each item, in which case the Public Comment will be limited to one (1) minute per individual. The aforementioned limitation may be waived by the Board's Chair.

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

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

September 1, 2022 Page 5 Regular Meeting Agenda



# BOARD OF DIRECTORS MEETING MINUTES

# LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

# Thursday, August 4, 2022 · 9:00 a.m.

Conducted via Microsoft Teams Meeting

#### **BOARD MEMBERS PRESENT**

Anthony Marrone, Alternate Vice-Chair, Deputy Fire Chief, County of Los Angeles Fire Department

Richard Tadeo, Director, EMS Agency, County of Los Angeles Department of Health Services

Phil Ambrose, Battalion Chief, Los Angeles Area Fire Chiefs Association

Mark R. Alexander, City Manager, California Contract Cities Association

David Povero, Police Chief, City of Covina Police Department

Mark Fronterotta, Police Chief, City of Inglewood Police Department

#### **ALTERNATES FOR BOARD MEMBERS PRESENT**

John Geiger, County of Los Angeles Chief Executive Office

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

Tom Jacobs, Lieutenant, Los Angeles County Police Chief's Association

#### **OFFICERS PRESENT**

Scott Edson, LA-RICS Executive Director

Susy Orellana-Curtiss, LA-RICS Administrative Deputy

Beatriz Cojulun, LA-RICS Board Secretary

#### **BOARD MEMBERS ABSENT / VACANT**

Brian Leyn, Captain, City of Signal Hill Police Department



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

#### I. CALL TO ORDER

Alternate Board Chair Brian Yanagi called the Regular Meeting of the Board to order at 9:02 a.m.

#### II. ANNOUNCE QUORUM – ROLL CALL

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

# III. APPROVAL OF MINUTES (A)

### **A.** July 7, 2022 – Regular Minutes

Alternate Board Chair Yanagi asked the Board if there were any corrections, clarifications, or comments to the attached regular meeting minutes. There were no corrections, clarifications, or comments, therefore, he asked for a motion to approve.

Board Member Mark Alexander motioned first, seconded by Board Member Richard Tadeo.

Ayes 9: Geiger, Marrone, Yanagi, Tadeo, Ambrose, Jacobs, Alexander, Povero, and Fronterotta.

#### **MOTION APPROVED.**

### IV. PUBLIC COMMENTS - NONE

There was no public comment.

# V. CONSENT CALENDAR (B)

# B. FINDINGS TO CONTINUE TELECONFERENCE MEETINGS UNDER AB 361 AND RELATED ACTIONS

Alternate Board Chair Yanagi asked for a motion to approve Consent Calendar Agenda Item B.

Board Member Mark Fronterotta motioned first, seconded by Board Member Mark Alexander.



Ayes 9: Geiger, Marrone, Yanagi, Tadeo, Ambrose, Jacobs, Alexander, Povero, and Fronterotta.

#### MOTION APPROVED.

# VI. REPORTS (C - H)

# **C. Director's Report** – Scott Edson

Executive Director Scott Edson greeted the Board members and all those in attendance at the meeting. Executive Director Edson shared the Authority had a wonderful, productive month of July with many successes to report.

Executive Director Edson thanked Fire Chief Daryl Osby for his years of service with County of Los Angeles (County) Fire department (LACoFD) and a well-earned retirement. Executive Director Edson went on to say that Chief Osby has been in the fire service for 38 years and was appointed the Fire Chief position by the County Board of Supervisors in 2011. Executive Director Edson stated that Chief Osby has also served on the LA-RICS Board of Directors since his appointment, and because of him, the LA-RICS System will better serve all the fire departments in this region and state, and in turn, have interoperability with other first responders to ultimately better serve the public.

Executive Director Edson shared the Authority's plans to have an in-person opportunity to congratulate and thank Chief Osby, at which time further details will be provided to the Board and everyone present, in hopes that everyone can attend. Executive Director Edson once again, congratulated Chief Osby and thanked him for his service.

Chief Osby's retirement lent itself as an ideal segue for Executive Director Edson to remind the Board of an annual agenda item for the election/re-election of Chair and Vice Chair positions. Executive Director Edson informed the Board the said agenda item would be forthcoming on the next meeting agenda.

Executive Director Edson reported on the continued progress of the LA-RICS System with fifty-seven (57) of fifty-eight (58) sites substantially complete, as well as construction on the last remaining site, MCI. Executive Director Edson shared there been some delays on the MCI site, which pushed out the schedule about one (1) month. Executive Director Edson further stated the Authority continues to work with Motorola Solutions, Inc. (MSI) to find ways to recover time and come to a consensus on the new Integrated Master Schedule (IMS). Executive Director Edson said that as the August 4, 2022 Board Meeting, full system acceptance was estimated to be on October 19, 2023.



Executive Director Edson said that MSI continues to complete punch corrections and resolve assorted issues resulting from installations deviating from approved plans, warranty work on deficiencies discovered after construction, and Closeout Books, which is essentially a book describing everything the Authority needs to know about a particular site.

Executive Director Edson reported that to-date, fifty (50) sites have undergone the Phase 4 audit and the corresponding Closeout Books were submitted to LA-RICS for review. Executive Director Edson described the review of these books as "painstaking" and required great attention to detail.

Executive Director Edson shared that work on a permanent power solution at the Green Mountain (GRM) site continues to proceed with the City of Los Angeles (City) Department of Water and Power (LADWP) continuing to add requirements without providing the Authority requested documents. Further, weekly meetings take place with LADWP to clarify requirements as there is no single statement of requirements available from LADWP for providing power to a site.

Executive Director Edson believes that despite issues with LADWP, overall, the Authority is in a really good place. Executive Director Edson reported there are thirty-three (33) cells on the air; fifty-two (52) sites are optimized; and of these, forty-eight (48) sites are on the air. Executive Director Edson said that all agencies in the region are welcome to make use of the system during this time and at no charge.

Executive Director Edson shared that one of the next biggest steps is the cutover of member agencies onto a tested and accepted system where an agency would leave their existing system and migrate to the Authority's system. Additionally, cutover plans continue to be developed in a joint effort between LA-RICS, MSI, and each agency and would be managed to ensure that all cutovers occur as planned with no significant delays that would affect the schedule or operations.

Executive Director Edson mentioned the LMR System Manager, Steve Page, would share additional details regarding the LMR system as well as other good news in the Project Manager's Report immediately following the Director's Report.

Executive Director Edson moved on to discuss the Authority's public image, saying that despite a regular newsletter with thousands of emails subscribed to the Authority as well as verbal and written reports from meetings, the Authority continues to receive feedback from individuals in high-level positions that do not understand what LA-RICS is about or have no faith the system will be completed. Executive Director Edson encouraged promotion of the LA-RICS System as much as possible, hoping agencies would join the System now for free as an early adopter with the hopes that agencies will sign on as a member. Further, a new flyer would be made available to everyone in an effort to extend the Authority's outreach efforts.



Executive Director Edson pivoted on the topic of outreach by letting the Board know that Operations Lead Lieutenant Weber would provide an update regarding outreach under Agenda Item H and brief the Board regarding the Joint Operations and Technical Committee Meeting under Agenda Item E. Additionally, Technical Lead Ted Pao would provide an update on Spectrum issues under Agenda Item G. Executive Director Edson added that Agenda Item I, which contemplated a reduction in work for certain tower removal the Authority, was to be presented to the Board with a recommendation for approval.

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

# D. Project Manager's Report – Steve Page

Acting Project Manager Steve Page greeted the Board and presented Agenda Item D, which consisted of the following:

#### July Successes

Acting Project Manager Page reported that in July, the Phase 2 Team's focus was construction at the MCI site above Malibu. A large portion of the work has been completed, MSI was performing some of their activities inside the shelter, and the final construction items were in progress.

Acting Project Manager Page stated that review of MSI's coverage test results has continued along with significant progress on the Phase 4 Closeout Books.

#### July Challenges

As Executive Director Edson previously mentioned, Acting Program Manager Page conveyed to the Board that the move towards permanent power at the GRM site continued to be a challenge with the Authority working with LADWP and State Parks for an easement so work could continue.

#### **Key Program Metrics**

Acting Project Manager Page presented Key Program Metrics and displayed a PowerPoint slide. Similar to last month, the number of sites had not changed since that Catalina completed, and until MCI is complete, these numbers would not change substantially.



### Phase 2 Substantially Complete

Acting Project Manager Page continued to present PowerPoint slides and disclosed that until MCI is complete, the map would as is with the yellow pins representing substantially complete sites, leaving MCI as the sole pin in red.

#### Phase 4 Installed

Showing the same map, Acting Project Manager Page reiterated that the sole red pin pending Phase 4 installation was MCI, which would see significant progress over the course of the summer.

# Sites Optimized

Acting Project Manager Page stated that at the time of the Board Meeting, the Authority has fifty-two (52) sites optimized. Acting Project Manager Page reminded the Board that as mentioned several months ago, once the Authority obtained primary power to these sites, MSI was able to allocate appropriate resources to optimize sites and get them prepared for coverage testing.

#### Sites On-air

Acting Project Manager Page reported that forty-eight (48) sites were on the air, with the West Cell sites, San Pedro Hill (which is currently under optimization), and Burnt Peak being the remaining sites to come online.

# **Encryption**

As reported over the last several months, Acting Program Manager Page discussed the transition from a Phase 2 to a Phase 4 focused program and added encryption as the highlight of this month's meeting.

Acting Project Manager Page explained how the Authority's Digital Trunked Voice Radio System (DTVRS) operated, whereby the user's voice goes into the radio where it is converted to a stream of ones and zeros. When the receiving radio obtains that stream of ones and zeros, they are converted to a voice which comes out of the speaker. Acting Program Manager Page provided a simple explanation but tempered it by noting that a lot of math that goes into making the DTVRS system work.

Acting Project Manager Page further explained that the fundamental requirement for understanding encryption is the exclusive XOR operator which allows for a chunk of digital data and by using a secret 'key', a completely new chunk of data can be uncovered.



Acting Project Manager Page provided an example, using a string of data that was 01000001. Acting Manger Page said that by using the XOR with the secret key, a whole new set of data is uncovered. Acting Project Manager Page went on to say that on the contrary, when working backwards, one can simply take encrypted data, XOR it with the secret key, and the output is the original data. Acting Project Manager Page explained that if a wrong key is utilized, the data would be incorrect, resulting in the audio being unable to be recreated and digital noise would come out of the speaker.

Acting Project Manager Page said that it might look nice and easy, but the LA-RICS network (and subscribers) use Advanced Encryption Standard (AES) encryption, which is 256 bits in length meaning there are a total of 115 quinvigintillion different possible keys. Acting Project Manager Page shared if even one of the binary digits is wrong, the entire key does not work. Acting Project Manager Page stated that unlike horseshoes or hand grenades, close is not good enough. Acting Project Manager Page shared that in the AES standard, there are many different things that happen to the data when it is being encrypted. Acting Project Manager Page provided an example and demonstrated the key as binary with ones and zeros but in order to show this a little more efficiently, he showed the calculations in hexadecimal. Acting Project Manager Page stated that by taking the bits whereby 1010 binary is 'A' in hex, leaving the output to look a certain way, but if it is changed by one bit in the key, the output (encrypted) changes dramatically.

As Acting Project Manager Page concluded his basic overview of encryption, he noted that the security of the encryption keys is vital to maintaining operational security.

#### August Areas of Focus

Acting Project Manager Page reported that this month, the team would be focusing on the construction at MCI, with staff being on site almost each day to keep the construction on track.

Acting Project Manager Page recapped his report by stating the Authority continued to work with State Parks for the easement to get power to GRM, as well as continued to monitor the status of optimization and coverage testing of the system.

This concluded the presentation and report on Agenda Item D by Acting Project Manager Page. There was no further discussion.

(THERE WAS A CHANGE IN AGENDA ITEM PRESENTATION AND ALTERNATE BOARD CHAIR YANAGI CLARIFIED FOR THE RECORD THAT DISCUSSION ITEM E WAS TAKEN OUT-OF-ORDER WITH DISCUSSION ITEM H)



### H. Outreach Update – Lieutenant Robert Weber

Operations Lead Robert Weber greeted Board members and referenced the detailed Outreach Summary document for the month of July included in the agenda packet for review and information.

Operations Lead Weber shared that Authority staff conducted LA-RICS system testing with the County of Los Angeles Sheriff's Department's (LASD) Aero Bureau. Operations Lead Weber said the Authority's efforts were specifically designed to test the viability of a P-25 Phase 2 system for use with airborne law enforcement. Operations Lead Weber reported that system metrics from the testing were to be shared with the LASD's Communications and Fleet Management Bureau (CFMB) staff and Aero Bureau personnel. Operations Lead Weber further reported that overall, the system performed extremely well, and the information obtained from the testing would be useful going forward. Operations Lead Weber went on to say that due to the importance of the testing, Acting Program Manager Steve Page of the project management team provided a full report to the Joint Operations and Technical Committee regarding the test results.

Operations Lead Weber also stated that Authority staff conducted outreach to the City of Compton and the Compton College Police Department. Operations Lead Weber reported that both departments were evaluating their communication needs and the possibility of using LA-RICS. Operations Lead Weber shared that Authority staff would work closely with those departments to ensure that their needs are met.

Operations Lead Weber concluded his report by saying that Authority staff members have continued to work closely with State and Federal partners to ensure interoperability during major events and to further collaborate on regional public safety communication.

This concluded the update on Agenda Item H. Operations Lead Weber asked if there were any questions. There was no further discussion.

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

Technical Lead Ted Pao provided an update on the Federal Communications Commission (FCC) and was happy to share the Authority received three (3) of the five (5) licenses, pending with the FCC. Technical Lead Pao reported the Authority's application for LASD Monte Vista (MVS), Tejon Peak (TPK), and Bald Mountain (BMT) sites for operation of a Digital Trunked Voice System was granted in early July. Technical Lead Pao said that two (2) applications were still pending, both for TPK with one (1) being for analog conventional system and the other for narrowband data network.



With respect to interference issues, Technical Lead Pao reported the Authority was proceeding with its investigation at the Signal Hill (SGH) and Criminal Courts Building (CCT) sites, after a delay with the supply chain and contractor personnel issues. Technical Lead Pao stated that work would start this month and expected to take most of the month to complete.

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

(THERE WAS A CHANGE IN AGENDA ITEM PRESENTATION AND ALTERNATE BOARD CHAIR YANAGI CLARIFIED FOR THE RECORD THAT DISCUSSION ITEM H WAS TAKEN OUT-OF-ORDER WITH DISCUSSION ITEM E)

E. Joint Operations and Technical Chair's Report – Lieutenant Robert Weber

Operations Lead Lieutenant Robert Weber provided an update on the Joint Operations and Technical Committee meeting that took place on July 19, 2022. Operations Lead Weber reported the Joint Committee approved the November 16, 2021 Minutes. Acting Project Manager, Steve Page, provided an LMR presentation which detailed and covered the Authority's status on the System, in addition to having provided an update regarding the Regional ISSI Working Group. Operations Lead Weber noted that Technical Lead Pao provided an update on Spectrum and licensing issues and its impact on the LMR System. A detailed analysis of the Authority's Closeout Books and team's comprehensive work on the Closeout Books was presented by Technical Lead Pao and Justin Compito. Further, Operations Lead Weber acknowledged an additional item of discussion to be the County Fire Department Narrowband Mobile Data Network (NMDM) cutover report with Captain August Dougherty and Scott England. Additionally, Operations Lead Weber and Acting Program Manager Page reviewed the LASD Aero Bureau Testing Results.

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

### **VIII. ADMINISTRATIVE MATTERS (I)**

I. APPROVE AMENDMENT NO. 103 TO AGREEMENT NO. LA-RICS 007 LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM LAND MOBILE RADIO SYSTEM

Contracts Manager Jeanette Arismendez greeted the Board and presented Agenda Item I.

Contracts Manager Arismendez presented Agenda Item I, in which the Authority requested approval for Amendment No. 103 to the LMR Agreement for an LMR



System with Motorola Solutions, Inc. (MSI), which would result in a reduction to the Maximum Contract Sum in the amount of \$199,395.

Contracts Manager Arismendez proceeded to provide the Board with some background information reporting that in May 2021, the Executive Director, under his Board delegated authority, issued the first Unilateral Amendment to the LMR Agreement, which included, among other things, the removal of the Mirador (MIR) tower. Contracts Manager Arismendez explained to the Board that even though the Unilateral Amendment was issued, MSI had not performed the work and had no intention of performing the work. As a result, the Authority as seeking a reduction in the amount of \$10,136, and looking to another contractor to perform the work.

Contracts Manager Arismendez proceeded to explain the reason for the other reduction to the Contract, in particular, its relation to the Analog Conventional Voice Radio System (ACVRS) TRO5 Subsystem. Contracts Manager Arismendez reminded the Board that this item was previously presented to their Board in June 2022, under LMR Amendment No. 92. The amendment was approved to expand the TRO5 Subsystem to include the Signal Hill (SGH) and San Pedro Hill (SPH) sites. Contracts Manager Arismendez went on to inform the Board that MSI would complete the work in its entirety, however the Authority was seeking a reduction in the amount of \$189,259, for a credit owed to the Authority. Contracts Manager Arismendez requested, on behalf of the Authority, for the Board to consider and approve LMR Amendment No. 103, as well as to authorize the Executive Director to execute Amendment No. 103, which reflects the reduction.

This concluded the Administrative Matter on Agenda Item L. Contracts Manager Arismendez asked if there were any questions. There was no further discussion.

Alternate Board Member Geiger did asked if, for whatever reason, an earmarked sum isn't spent, if it was necessary to reduce the maximum contract sum because the Authority's earmarks to spend are appropriations but are not mandates?

Administrative Deputy Susy Orellana-Curtiss responded to Alternate Board Member Geiger by informing him the Authority uses Exhibit C (Schedule of Payments) as the reconciliation document with the Authority's federal grantor, as well as the City's Administrator and the Auditor-Controller, which is the Authority's Fiscal Agent in terms of processing of payments and the closeout project line items. Administrative Deputy Orellana-Curtiss further responded that what the Authority has done with Exhibit C and the contract, is utilize the document as a reconciliation of known and expected/projected expenses. Administrative Deputy Orellana-Curtiss explained that when the Authority encounters a descope of a line item in which work would not be performed, or similarly where the Authority has trued up a site cost, where a site cost would increase, that would both be memorialized in the Exhibit C document, so that all (Federal, State, local) levels would have record of



the expense. Alternate Board Member Geiger wanted to ensure it was on record the Board votes authorizations and not on mandates.

Alternate Board Chair Yanagi confirmed both first and second motion and went on to asked for a motion to approve.

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

Ayes 9: Geiger, Marrone, Yanagi, Tadeo, Ambrose, Jacobs, Alexander, Povero, and Fronterotta.

#### **MOTION APPROVED.**

### IX. MISCELLANEOUS - NONE

#### X. ITEMS FOR FUTURE DISCUSSION AND/OR ACTION BY THE BOARD – NONE

#### XI. CLOSED SESSION REPORT

The Board entered into Closed Session at 9:28 a.m.

1. CONFERENCE WITH LEGAL COUNSEL –Anticipated Litigation (subdivision (d) of Government Code Section 54956.9) (2 cases).

The Board returned from Closed Session at 9:55 a.m. Counsel Truc Moore stated the Board was back in open session and the Brown Act did not require a report.

### XII. ADJOURNMENT AND NEXT MEETING

Alternate Board Chair Yanagi called for a motion to adjourn the Regular Meeting. Board Member Alexander motioned first.

Alternate Board Chair Yanagi adjourned the Regular Board Meeting at 9:56 a.m., and the next Regular Board Meeting will be held on September 1, 2022, at 9:00 a.m., via Microsoft Teams / Teleconference Meeting.



# BOARD OF DIRECTORS SPECIAL MEETING MINUTES

# LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

### Thursday, August 16, 2022 • 9:00 a.m.

Conducted via Microsoft Teams Meeting

#### **BOARD MEMBERS PRESENT**

Richard Tadeo, Director, EMS Agency, County of Los Angeles Department of Health Services

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

Mark R. Alexander, City Manager, California Contract Cities Association

David Povero, Police Chief, City of Covina Police Department

Mark Fronterotta, Police Chief, City of Inglewood Police Department

#### **ALTERNATES FOR BOARD MEMBERS PRESENT**

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

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

#### **OFFICERS PRESENT**

Scott Edson, LA-RICS Executive Director

Susy Orellana-Curtiss, LA-RICS Administrative Deputy

Beatriz Cojulun, LA-RICS Board Secretary

#### **BOARD MEMBERS ABSENT / VACANT**

John Geiger, County of Los Angeles Chief Executive Office

Phil Ambrose, Battalion Chief, Los Angeles Area Fire Chiefs Association

Brian Leyn, Captain, City of Signal Hill Police Department



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

I. CALL TO ORDER

Alternate Board Chair Brian Yanagi called the Regular Meeting of the Board to order at 9:03 a.m.

II. ANNOUNCE QUORUM – ROLL CALL

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

- III. APPROVAL OF MINUTES NONE
- IV. PUBLIC COMMENTS NONE

There was no public comment.

- V. CONSENT CALENDAR NONE
- VI. REPORTS NONE
- VIII. ADMINISTRATIVE MATTERS (A)
  - A. APPROVE CHANGE ORDER NO. 4 TO CONTRACT NO. LA-RICS-LMR-01 LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM LAND MOBILE RADIO (LMR) TELECOMMUNICATION FACILITY CONSTRUCTION AND INSTALLATION PROJECT AT THE MCI SITE

Contracts Manager Jeanette Arismendez greeted and thanked the Board for convening for the Special Meeting and presented Agenda Item A.

Contracts Manager Arismendez presented Agenda Item A, in which the Authority requested approval for Change Order No. 4 to a contract with Metrocell Construction, Inc. (Metrocell) for the buildout of the MCI site. Contracts Manager Arismendez requested the Board make those certain California Environmental Quality Act (CEQA) findings that are set forth in the Board Letter. Contracts Manager Arismendez informed the Board the change order addressed additional electrical loading requirements in the amount of \$73,470, and should the Board approve the Change Order, such costs would be funded by the Urban Area Security Initiative (UASI) grant.

Additionally, Contracts Manager Arismendez requested the Board to delegate authority to the Executive Director to execute Change Order No. 4, in substantially



similar form to the Change Order enclosed with the Board Letter package and issue one or more Notices to Proceed as may be necessary.

Contracts Manager Arismendez provided the Board with some background information regarding the Change Order, in particular that Motorola Solutions, Inc. (MSI) declined to perform the construction work at the MCI site which resulted in the Authority entering into a contract with Metrocell to perform the construction work at MCI. However, Contracts Manager Arismendez reported that MSI is still responsible for integrating the MCI site into the overall LMR System. Additionally, Contracts Manager Arismendez reported that MSI was also responsible for conducting a design review to ensure that construction at the MCI site complied with MSI's system requirements. Contracts Manager Arismendez informed the Board that it was until construction was underway that MSI brought it to the Authority's attention that additional rectifiers were required to adequately power the MCI site in order to be integrated into the LMR System. MSI's newly introduced information regarding the rectifiers resulted in the Authority presenting Change Order No. 4 to the Board for approval.

This concluded the Administrative Matter on Agenda Item A. Contracts Manager Arismendez asked if there were any questions.

Alternate Board Chair Yanagi asked if anyone had any questions and since there were none, Alternate Board Chair went on to asked for a motion to approve.

Board Member Alexander motioned first, seconded by Board Member Mark Fronterotta.

Ayes 7: Pappas, Yanagi, Tadeo, Solinsky, Alexander, Povero, and Fronterotta.

#### **MOTION APPROVED.**

Board Member Mark Alexander asked a procedural question in regards to a subcommittee that reviews small projects and amendments. Board Member Alexander questioned if Agenda Item A could have been reviewed and approved by the subcommittee instead of being presented to the Board. Board Member Alexander posed a question to Executive Director Edson on whether the Board should give the subcommittee authority up to a certain dollar limit.

Executive Director Edson replied confirming the change order under Agenda Item A needed to be presented and approved by the Board. Executive Director Edson responded that he would look into the matter to determine if Agenda Item A could have been presented to the subcommittee.

Board Member Alexander suggested that if the item requires Board's approval, perhaps the dollar threshold should be reviewed so that the Board would not have



to convene for smaller items like Agenda Item A, to which Executive Director Edson agreed.

- IX. MISCELLANEOUS NONE
- X. ITEMS FOR FUTURE DISCUSSION AND/OR ACTION BY THE BOARD NONE
- XI. CLOSED SESSION REPORT NONE
- XII. ADJOURNMENT AND NEXT MEETING

Alternate Board Chair Yanagi called for a motion to adjourn the Special Meeting. Board Member David Povero motioned first.

Alternate Board Chair Yanagi adjourned the Special Board Meeting at 9:10 a.m., and the next Regular Board Meeting will be held on September 1, 2022, at 9:00 a.m., via Microsoft Teams / Teleconference Meeting.



# 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

September 1, 2022

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

**Dear Directors:** 

# FINDINGS TO CONTINUE TELECONFERENCE MEETINGS UNDER AB 361 AND RELATED ACTIONS

#### **SUBJECT**

The California Legislature passed AB 361 to enhance public access to local legislative body meetings during the COVID-19 pandemic and future applicable emergencies. Under AB 361, to continue to meet via teleconferencing, the local legislative body must adopt, by a majority vote, specific findings within 30 days of the first use of the teleconferencing meeting rules after October 1, 2021, and within every 30 days thereafter. The first Board meeting under AB 361 occurred on October 7, 2021, and the Board made its appropriate findings thereafter. The timing of this meeting falls within the 30-day window for the Board to make another finding to continue to use a telephonic meeting.

# **RECOMMENDED ACTIONS**

It is recommended that your Board, acting on its behalf, and on behalf of the Finance, Operations and Technical Committees appointed by the Board and which are subject to the Brown Act:

- 1. Find, in accordance with AB 361 Section 3(e)(3), California Government Code Section 54953(e)(3), that the Board has reconsidered the circumstances of the State of Emergency due to the COVID-19 pandemic and that the State of Emergency remains active; and
- 2. Find, in accordance with AB 361 Section 3(e)(3), California Government Code Section 54953(e)(3), that local officials continue to recommend measures to promote social distancing.

LA-RICS Board of Directors September 1, 2022 Page 2

# **BACKGROUND**

On September 10, 2021, the Legislature passed AB 361, to enhance public access to local legislative body meetings during the COVID-19 pandemic and future applicable emergencies. The Governor signed AB 361 into law on September 16, 2021. To ensure the safety of members of the public and personnel while guaranteeing the public's right to attend and participate in meetings of local legislative bodies and in alignment with the County of Los Angeles' Health Officer's recommendations to reduce crowding indoors and to support physical distancing, the Board can continue to meet via teleconferencing, in compliance with AB 361 while we are under a State of Emergency and while State or local officials continue to recommend measures to promote physical distancing. However, the Board will need to regularly consider the circumstances of the State of Emergency to determine whether teleconferencing should continue no later than 30 days after the Board's first meeting under AB 361 (October 7, 2021), and within every thirty (30) days thereafter.

# PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

Under AB 361, to continue to meet via teleconferencing, the local legislative body must adopt, by a majority vote, specific findings within 30 days of the first use of the teleconferencing meeting rules after October 1, 2021, and within every 30 days thereafter. As we approach the fourteenth 30-day deadline and given the timing of this Board meeting, the Board needs to make the necessary findings. The Governor's declaration of a statewide emergency is still in effect, and the County of Los Angeles' Public Health Officer still currently recommends physical distancing.

# FACTS AND PROVISIONS/LEGAL REQUIREMENT

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

### CONCLUSION

The Executive Director recommends the Board make the recommended findings.

Respectfully submitted,

SCOTT EDSON

**EXECUTIVE DIRECTOR** 

**MBC** 

c: Counsel to the Authority

# **EXECUTIVE SUMMARY**

**SEPTEMBER 1, 2022** 

### **LMR UPDATE**

#### Phase 2

- ✓ All Building Permits are in with the final portion of the MCI Building Permit (the Fire Suppression System permit) being issued in August of 2022.
- ✓ The current Integrated Master Schedule (IMS) is the May 10, 2022DD version, which shows a Final System Acceptance of September 1, 2023. The May 10, 2022DD IMS was approved in Amendment 92.
- ✓ Below is a breakdown of the current site progress for Phase 2 scope:
  - o 57 of 58 sites are substantially complete through Phase 4a.
  - MSI continues to complete punch corrections and resolve assorted issues resulting from installations deviating from approved plans.
  - The work on permanent power at Green Mountain (GRM) continues to proceed with Los Angeles Department of Water and Power (LADWP) continuing to add requirements without providing requested documents. Weekly meetings with LADWP assist in clarifying requirements as there is no single statement of requirements available for providing power to this site.

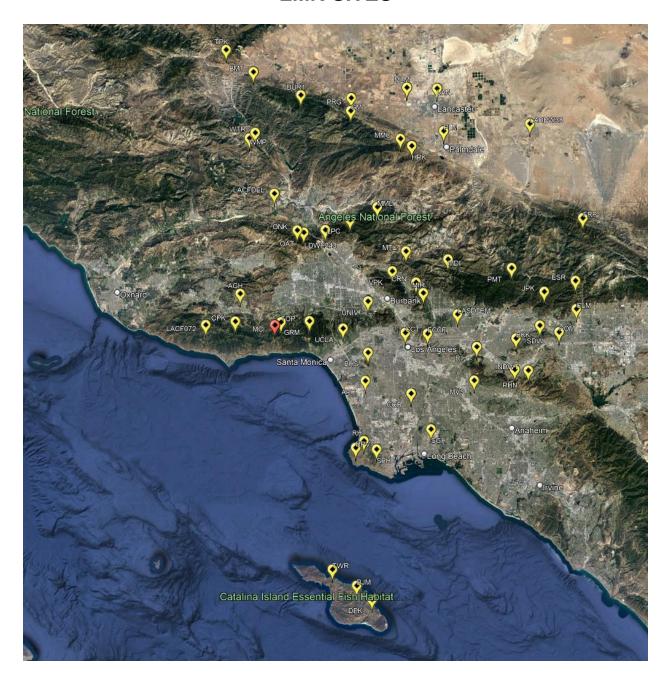
# Phase 4 – Optimization and Closeout

- ✓ There are thirty-three (33) cells on the air; fifty-two (52) sites are optimized; and of these, forty-eight (48) sites are on the air.
- ✓ Cutover plans continue to be developed in a joint effort between LA-RICS and Motorola Solutions, Inc. (MSI). The cutover plans will be managed to ensure that all cutovers occur as planned to avoid significant delays which could otherwise affect the Scheduled Final System Acceptance date.
- ✓ Fifty (50) sites have undergone the Phase 4 audit between LA-RICS and MSI. The closeout material submissions associated with each site are in the review and correction response process. This is a demanding effort since MSI deferred system equipment submittals which require compliance verification. In addition the Teams are focused on reviewing completed work versus the As-built documentation, where several errors have been discovered to-date.

# **EXECUTIVE SUMMARY**

**SEPTEMBER 1, 2022** 

# **LMR SITES**



# **EXECUTIVE SUMMARY**

**SEPTEMBER 1, 2022** 

LA-RICS GRANT STATUS									
Grant	Award	Costs Incurred/NTP Issued	Invoiced / Paid	Remaining Balance	Performance Period				
UASI 12	\$18,263,579	\$18,263,579	\$18,263,579	\$-	3/31/17				
UASI 13	\$13,744,067	\$13,744,067	\$13,744,067	\$-	3/31/18				
UASI 14	\$4,997,544	\$4,997,544	\$4,997,544	\$-	7/31/17				
UASI 16	\$5,240,455	\$5,240,455	\$5,240,455	\$-	5/31/19				
UASI 17	\$34,763,750	\$34,763,750	\$34,763,750	\$-	5/31/20				
UASI 18	\$35,000,030	\$35,000,030	\$ 35,000,030	\$-	5/31/21				
UASI 19	\$35,000,000	\$35,000,000	\$35,000,000	\$-	7/31/22				
UASI 21	\$2,000,000	\$2,000,000	\$153,554.25	\$0	5/31/24				
UASI 22	*\$11,688,338	\$-	\$-	\$11,688,338	5/31/25				
UASI 23	*\$3,311,662	\$-	\$-	\$3,311,662	5/31/26				
UASI 24	*\$0	\$-	\$-	\$0	5/31/27				
SHSP 22	\$3,520,000	\$-	\$-	\$3,520,000	5/31/25				
SHSP 23	\$1,760,000	\$-	\$-	\$1,760,000	5/31/26				
SHSP 24	\$1,120,000	\$-	\$-	\$1,120,000	5/31/27				
HFCEP	**\$1,500,000	\$-	\$-	\$1,500,000	10/31/23				
ВТОР	\$149,608,227	\$149,608,227	\$149,608,227	\$ 0	9/30/20				

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

<sup>\*\*</sup> High Frequency Communications Equipment Program - Pending Grant Award Documents

# Los Angeles Regional

# **Interoperable Communications System**

#### **PROJECT DESCRIPTION**

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

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

Design, construction, and deployment of a County-wide Land Mobile Radio (LMR) voice network utilizes 59 sites. All sites in both the LMR and LTE augmentation comply with CEQA and NEPA standards.

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

Phase 1 - System design

Phase 2 - Site construction and modification

Phase 3 - Supply telecommunication system components

Phase 4 - Telecommunications system implementation

Phase 5 - Telecommunications system maintenance

Location:

2525 Corporate Place, Suite 100 Monterey Park, CA 91754

Authority:

Los Angeles Regional Interoperable Communications System

Management:

**LA-RICS Project Team** 

Consultant:

**Jacobs Project Management Company** 

Communications Vendor:

LMR - Motorola Solutions, Inc., Brandow & Johnston

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

LA-RICS

Monthly Report No. 124
September 1<sup>st</sup>, 2022
Submitted August 25th, 2022

Reporting Period: 07/20/2022 - 08/17/2022

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# **GENERAL UPDATES**

#### Operations/Governance

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

#### **Special Events**

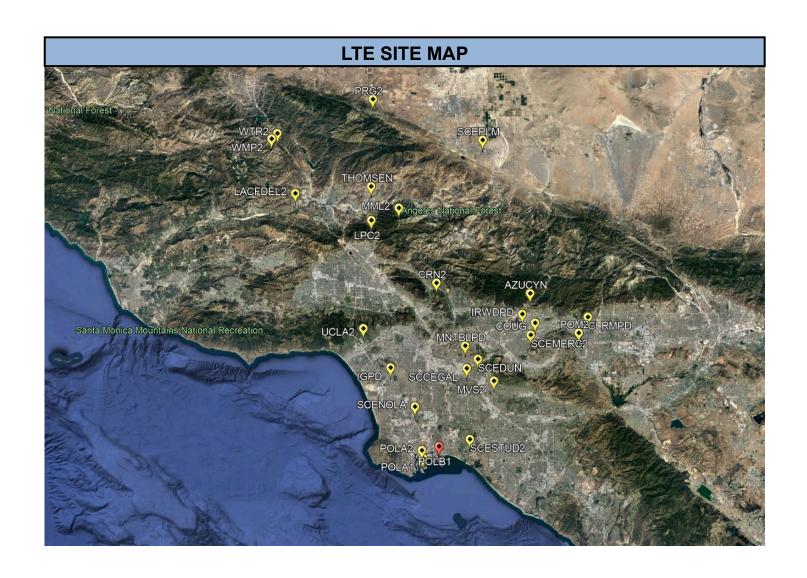
No new activity.

# LTE2 UPDATES

### LTE Round 2 Updates

• This reporting period saw progress with the final detail related to the antenna sled roof attachments at POM2. The EOR is working with the JCC's roofing contractor to address requested clarification. Once resolved, the work will be scheduled, and then final inspection will take place. The 26<sup>th</sup> site in the LTE Program was POLB1 which LA-RICS designed and permitted but did not build at ATT's direction as ATT was unable to come to terms with the Port on a lease agreement prior to the date of Asset Transfer. The dialogue between ATT and the Port is on-going with the intent of both parties to come to an agreement in the near future. At such time, ATT intends to proceed with the build using the permitted plans from LA-RICS.

The LTE2 Site Map is shown below



### LMR UPDATES

#### **Environmental Update**

- Jacobs continued the MMRP effort in this period as ground disturbing activities are drawing to a close. It is anticipated that the end of August 2022 will mark
  the end of the MMRP work needed on the Program.
- The Project Team has accomplished Worker Environmental Awareness Program (WEAP) training for 1,721 persons as of August 5, 2022, this was the last training session during the period.
- Jacobs filed a Notice of Exemption for Site MCI for Board approved actions at these sites on August 16, 2022.

#### **Phase 1: Permitting Support**

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

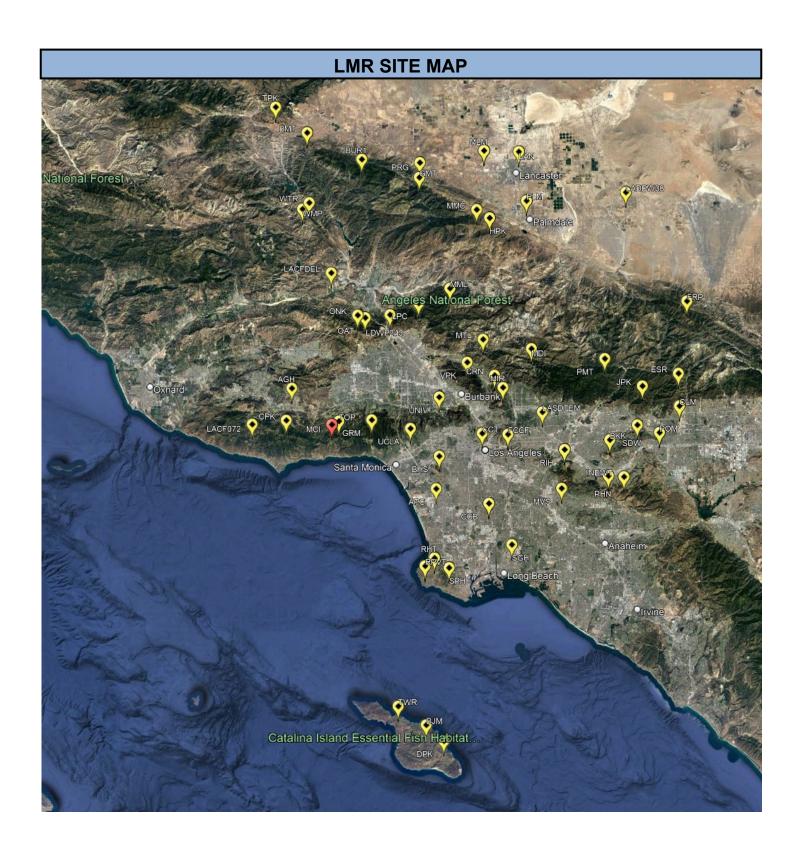
#### Phase 2: Site/Civil

- All Site Access Agreements (SAA's) are complete.
- 57 sites are substantially complete through Ph4a. The 58th and final site in the Program, MCI, commenced construction on May 23, 2022.
- 56 sites have commercial power, this includes MCI, where LA-RICS took over the existing 200-amp service on site. Of the 3 remaining sites pending commercial
  power, 2 (BUR1 and GRM) have primary power generators on site that are running in support of MSI's activities at these sites.
- The Project Schedule with the data date of May 5, 2022, is the current operative baseline Integrated Master Schedule (IMS). The finish date shown on the 05102022DD IMS has a Final System Acceptance date of September 1, 2023.
- Motorola's focus during this reporting period remains on completing the tasks tied resolving slip sheet requirements from the submitted UASI 18 and UASI 19
  Closeout Books.
- The Authority has sought assistance outside of the City of Los Angeles Mayor's office. During this period, Staff have met with LADWP several times on the LADWP-established weekly meeting series to touch base on action items in each party's court. The Authority has presented an updated land survey for the placement of the new power poles and related easement and is planning to meet with LADWP on a special session to discuss the results. The Authority is acting as the coordinator between LADWP and State Parks and continues to work with LADWP on determining what that organization requires in order to perform the work related to delivery of power within their jurisdiction.
- There are no safety issues to report on in this period.

#### Phase 4: Network

- Focus of the Ph4 effort is Site Audits and Close Out Book (COB) activities related to compiling of the data followed by review and approval of the items submitted. Motorola continues to work through the challenge of submitting accurate documentation in the COBs, resulting in additional Staff time for re-reviews.
- System interference on Ch. 16 is still being investigated by the Sheriff's Department, Fire Department, and ISD along with the technical leads from the LA-RICS Project Team.
  - The coordination between LACoFD, LASD, MSI, and LA-RICS is critical to ensure that frequencies are available for testing and operating the Digital Trunk Voice Radio System (DTVRS), and Analog Conventional System (ACVRS), particularly.
  - o MSI has reported that they are on schedule for the turnover of the first subsystem, NMDN Ph.1.

The LMR Site Map is shown below.





# 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

September 1, 2022

To: LA-RICS Authority Board of Directors

From: Scott Edson

**Executive Director** 

# SPECTRUM AND LICENSING ISSUES IMPACTING LAND MOBILE RADIO DEPLOYMENT

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

TP:mbc



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SCOTT EDSON EXECUTIVE DIRECTOR

September 1, 2022

To: LA-RICS Authority Board of Directors

From: Scott Edson

**Executive Director** 

#### **OUTREACH UPDATE**

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

MUNICIPALITY	MEETING DATE			
Weekly Outreach Meeting	08/01/22			
Zebra Technologies and Connected Cop Discussion	08/03/22			
Association of Public-Safety Communications Officials (APCO) International's Annual Conference	08/07/22 - 08/10/22			
IPSA Board Meeting	08/10/22			
Weekly Outreach Meeting	08/15/22			
International Association of Chiefs of Police Communications (IAPC) Communications and Technology Committee – Monthly Meeting	08/17/22			
Weekly Outreach Meeting	08/22/22			
Weekly Outreach Meeting	08/29/22			

Authority Staff and personnel from County of Los Angeles Sheriff's Department (LASD) Communications and Fleet Management Bureau (CFMB) conducted LA-RICS system testing in East Los Angeles Sheriff's Stations reporting districts. The testing was grid based and evaluated several different radios currently used by LASD. The system metrics from the testing will be shared with the LASD's CFMB staff. Although LA-RICS staff is still evaluating the metrics from the test, the system performed very well, and the information obtained will be used as the LASD moves forward with full station testing in the near future.

LA-RICS Authority Board of Directors September 1, 2022 Page 2

Authority staff attended APCO International's Annual Conference and Expo in Anaheim, California. The conference was educational and provided networking opportunities. LA-RICS staff set up an equipment display with a Los Angeles County Sheriff's Mobile Communications unit, LA-RICS Cell on Light Duty Truck, and a historical 1976 LASD Patrol Car. The display generated many positive comments and an opportunity to hand out newly redesigned LA-RICS flyers.

Authority staff meet weekly to discuss new outreach opportunities and followed up on those in progress.

The Executive Director is a member of the IACP Communications and Technology Committee and attends monthly meetings to stay current on communications technology, as well as policy and procedures.

Authority staff conducted outreach to the City of Lynwood and the Metropolitan Transportation Authority (MTA) Security Department. Both agencies are evaluating their communication needs and the possibility of using LA-RICS. Authority staff will work closely with these agencies to ensure their needs are met.

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

RJW:mbc



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SCOTT EDSON EXECUTIVE DIRECTOR

September 1, 2022

To: LA-RICS Authority Board of Directors

From: Scott Edson

**Executive Director** 

#### **ELECTION OF CHAIRPERSON AND VICE-CHAIRPERSON**

The purpose of this discussion item is to notify the Board that at the October 6, 2022, Board Meeting, an item will be calendared to allow the Board to elect a Chairperson and Vice-Chairperson from among the Directors. The Joint Power Authority (JPA) Agreement provides that, at each FY, the Board shall elect a Chairperson and Vice-Chairperson, from the other Board Members.

SOC:mbc



# LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

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SCOTT EDSON EXECUTIVE DIRECTOR

September 1, 2022

To: LA-RICS Authority Board of Directors

From: Scott Edson

**Executive Director** 

# STATEMENT OF RECEIPTS & DISBURSEMENTS FOR AT&T BUSINESS AGREEMENT FUND FOR PUBLIC SAFETY BROADBAND NETWORK

The purpose of this discussion item is to update your Board on the status of AT&T Business Agreement Fund expenditures for the quarter ending June 30, 2022.

GS:mbc

**Enclosure** 

#### Los Angeles Regional Interoperable Communications System Authority (LA-RICS) Statement of Receipts & Disbursements for AT&T Business Agreement Fund For Public Safety Broadband Network (PSBN) April 1, 2022 through June 30, 2022

						 Fund V6A
Cash Balance, as	of April 1, 2022					\$ 2,879,137.5
Description		Record Date	Amount			
Receipts:						
	CATION FOR THE MONTH ENDING March 31, 2022	04/01/22	\$ 1,255.71			
	CATION FOR THE MONTH ENDING April 30, 2022	05/01/22	1,462.28			
NIERES! ALLOC	CATION FOR THE MONTH ENDING May 31, 2022	06/01/22	 2,382.37			
	Subtotal - Interest Income			\$	5,100.36	
Т	otal Receipts					 5,100.3
Total Beginning (	Cash Balance and Receipts					2,884,237,1
Disbursements:						
Y21/22-2696 S		04/05/22	21,147.00			
	OUNTY LA-RICS-MENTAL HEALTH	04/29/22	3,082.27			
	COUNTY LA-RICS-SHERIFF'S	04/29/22	18,673.27			
Y21/22-2725 S		05/09/22	20,367.90			
	COUNTY LA-RICS-COUNTY COUNSEL	05/13/22	4,015.56			
FY21/22-SH10 C	OUNTY LA-RICS-SHERIFF'S	05/18/22	12,088.47			+
Y21/22-MH10 C	OUNTY LA-RICS-MENTAL HEALTH	05/24/22	2,386.27			
Y21/22-CC08 C	OUNTY LA-RICS-COUNTY COUNSEL	05/24/22	3,258.98			
Y21/22-DA03 C	OUNTY LA-RICS-DISTRICT ATTORNEY	05/24/22	80,735.43			
Y21/22-2773 S	D EDSON, INC	06/03/22	21,369.60			
Y21/22-CC09 C	OUNTY LA-RICS-COUNTY COUNSEL	06/17/22	2,481.17			
Y21/22-CC10 C	OUNTY LA-RICS-COUNTY COUNSEL	06/17/22	465,32			
Y21/22-IS08 C	OUNTY LA-RICS-ISD	06/17/22	4,104.38			
Y21/22-IS09 C	OUNTY LA-RICS-ISD	06/17/22	3,672.34			
FY21/22-MH11 C	OUNTY LA-RICS-MENTAL HEALTH	06/24/22	3,082,27			
Y21/22-SH11 C	OUNTY LA-RICS-SHERIFF'S	06/24/22	15,110.60			
FY21/22-IS07 C	OUNTY LA-RICS-ISD	06/29/22	5,184.48			
Y21/22-IS11 C	OUNTY LA-RICS-ISD	06/29/22	 5,400.50	_		
	Subtotal - Unit 55902 - Member Funded JPA Operations Costs				226,625.81	
Y21/22-PB09 C	OUNTY LA-RICS-PROBATION	04/11/22	1,575.77			
Y21/22-2711 E	ASTGROUP PROPERTIES	04/21/22	20,337.40			
Y21/22-SH09 C	OUNTY LA-RICS-SHERIFF'S	04/29/22	18,673.27			
Y21/22-2727 V	ERIZON WIRELESS	05/09/22	594.93			
Y21/22-AC03 C	OUNTY LA-RICS-AUDITOR CONTROLLER	05/18/22	22,408.00			
Y21/22-CC08 C	OUNTY LA-RICS-COUNTY COUNSEL	05/24/22	1,719.50			
Y21/22-PB10 C	OUNTY LA-RICS-PROBATION	05/24/22	1,785.87			
Y21/22-2748 E	ASTGROUP PROPERTIES	05/23/22	20,337.40			
Y21/22-2783 V	ERIZON WIRELESS	06/14/22	594.93			
Y21/22-CC09 C	COUNTY LA-RICS-COUNTY COUNSEL	06/17/22	4,470.70			
Y21/22-PB11 C	COUNTY LA-RICS-PROBATION	06/17/22	1,785.87			
Y21/22-IS08 C	COUNTY LA-RICS-ISD	06/17/22	1,512.14			
	COUNTY LA-RICS-ISD	06/17/22	432.04			
	COUNTY LA-RICS-ISD	06/29/22	972.09			
	COUNTY LA-RICS-ISD	06/29/22	1,404.13			
	Subtotal - Unit 55906 - LTE Administrative Costs	*******	 .,	-	98,604.04	
Y21/22-PB09 C	OUNTY LA-RICS-PROBATION	04/11/22	3,466,68			
	acobs Engineering	04/15/22	16,600.00			
	RECLASSIFY TRAVEL EXP FROM V58 TO V5A	04/20/22	16.90			
	MELISSA SARADPON	04/28/22	40.33			
	ICA WATSON RICE LLP	05/04/22	5,068.35			
	OUNTY LA-RICS-COUNTY COUNSEL	05/13/22	8,680.08			
	acobs Engineering	05/18/22	13,072.50			
V21/22_SH10 C	COUNTY LA-RICS-SHERIFF'S	05/18/22	15,110.60			

Description	Record Date	Amount	
FY21/22-AC03 COUNTY LA-RICS-AUDITOR CONTROLLER	05/18/22	18,427.75	
FY21/22-AC04 COUNTY LA-RICS-AUDITOR CONTROLLER	05/24/22	2,407.50	
FY21/22-CC08 COUNTY LA-RICS-COUNTY COUNSEL	05/24/22	9,408.38	
FY21/22-DA03 COUNTY LA-RICS-DISTRICT ATTORNEY	05/24/22	32,369,28	
FY21/22-PB10 COUNTY LA-RICS-PROBATION	05/24/22	3,151.53	
FY21/22-2777 Jacobs Engineering	06/21/22	13,280.00	
FY21/22-CC09 COUNTY LA-RICS-COUNTY COUNSEL	06/17/22	11,729.39	
FY21/22-CC10 COUNTY LA-RICS-COUNTY COUNSEL	06/17/22	4,735,49	
FY21/22-RR03 COUNTY LA-RICS -REGISTRAR RECORDER	06/17/22	45,126.04	
FY21/22-PB11 COUNTY LA-RICS-PROBATION	06/17/22	2,416.18	
FY21/22-IS08 COUNTY LA-RICS-ISD	06/17/22	233.40	
FY21/22-IS09 COUNTY LA-RICS-ISD	06/17/22	665.44	
FY21/22-IS10 COUNTY LA-RICS-ISD	06/17/22	233.40	
FY21/22-SH11 COUNTY LA-RICS-SHERIFF'S	06/24/22	17,754.95	
FY21/22-IS07 COUNTY LA-RICS-ISD	06/29/22	233.40	
FY21/22-IS11 COUNTY LA-RICS-ISD	06/29/22	233.40	
Subtotal - Unit 55908 - LMR Administrative Costs	_		242,362.33

567,592.18

Ending Cash Balance, June 30, 2022 \*

**Total Disbursements** 

2,316,645.72

Prepared by Los Angeles County Department of Auditor-Controller, Accounting Division JK 7/14/22

<sup>\*</sup> Cash Balance excluding unit code 55903 transactions

# Los Angeles Regional Interoperable Communications System Authority (LA-RICS) Supplemental Schedule Inluding Unit Code 55903 Transactions for Statement of Receipts & Disbursements for AT&T Business Agreement Fund For Public Safety Broadband Network (PSBN) April 1, 2022 through June 30, 2022

						Fund V5A
Cash Balance,	as of April 1, 2022				\$	2,879,137.54
Description		Record Date	Amount	-		
Receipts:						
	OCATION FOR THE MONTH ENDING March 31, 2022	04/01/22	\$ 1,255.71			
	OCATION FOR THE MONTH ENDING April 30, 2022	05/01/22	1,462.28			
INTEREST ALL	OCATION FOR THE MONTH ENDING May 31, 2022 Subtotal - Interest Income	06/01/22	2,382.37	\$ 5,100.36		
	Subtotal - Hitelast Hitelias			φ 0,100.00		
AT&T - LARICS		05/04/22	1,978.13			
AT&T - LARICS		06/02/22	161,108.13			
AT&T - LARICS		06/02/22	37,681.30			
AT&T - LARICS AT&T - LARICS		06/02/22 06/02/22	17,901.90 46,431.80			
ATOT - DANIGO	Subtotal - Communication Services	00/02/22	40,431.80	- 265,101.26		
	Total Receipts					270,201.62
Total Beginnin	g Cash Balance and Receipts					3,149,339.16
Disbursement	zi					
	SD EDSON, INC	04/05/22	21,147.00			
	COUNTY LA-RICS-MENTAL HEALTH	04/29/22	3,082,27			
FY21/22-SH09	COUNTY LA-RICS-SHERIFF'S	04/29/22	18,673.27			
FY21/22-2725	SD EDSON, INC	05/09/22	20,367.90			
FY21/22-CC07	COUNTY LA-RICS-COUNTY COUNSEL	05/13/22	4,015.56			
FY21/22-SH10	COUNTY LA-RICS-SHERIFF'S	05/18/22	12,088.47			
FY21/22-MH10	COUNTY LA-RICS-MENTAL HEALTH	05/24/22	2,386.27			
FY21/22-CC08	COUNTY LA-RICS-COUNTY COUNSEL	05/24/22	3,258.98			
FY21/22-DA03	COUNTY LA-RICS-DISTRICT ATTORNEY	05/24/22	80,735.43			
FY21/22-2773	SD EDSON, INC	06/03/22	21,369.60			
FY21/22-CC09	COUNTY LA-RICS-COUNTY COUNSEL	06/17/22	2,481.17			
	COUNTY LA-RICS-COUNTY COUNSEL	06/17/22	465.32			
FY21/22-IS08	COUNTY LA-RICS-ISD	06/17/22	4,104.38			
FY21/22-IS09	COUNTY LA-RICS-ISD	06/17/22	3,672.34			
	COUNTY LA-RICS-MENTAL HEALTH	06/24/22	3,082.27			
	COUNTY LA-RICS-SHERIFF'S	06/24/22	15,110.60			
FY21/22-IS07	COUNTY LA-RICS-ISD	06/29/22	5,184.48			
FY21/22-IS11	COUNTY LA-RICS-ISD  Subtotal - Unit 55902 - Member Funded JPA Operations Costs	06/29/22	5,400.50	- 226,625.81		
				220,020.01		
FY21/22-2593	DIVERSIFIED	05/09/22	1,978.13			
FY21/22-2678	MOTIVE ENERGY TELECOMMUNICATIONS	06/03/22	161,108.13			
FY21/22-2692	JITNEY CO, INC.	06/03/22	37,681,30			
FY21/22-2693	JITNEY CO, INC.	06/03/22	17,901.90			
FY21/22-2694	JITNEY CO, INC. Subtotal - Unit 55903 - Construction Cost	06/03/22	46,431.80	265,101.26	i	
EV21/22 DD00	COUNTY LA-RICS-PROBATION	04/11/22	1,575.77	- A		
	EASTGROUP PROPERTIES	04/11/22	20,337,40			
	COUNTY LA-RICS-SHERIFF'S	04/29/22	18,673.27			
	VERIZON WIRELESS	05/09/22	594.93			
	COUNTY LA-RICS-AUDITOR CONTROLLER	05/18/22	22,408.00			
	COUNTY LA-RICS-COUNTY COUNSEL	05/24/22	1,719.50			
	COUNTY LA-RICS-PROBATION	05/24/22	1,785.87			
	EASTGROUP PROPERTIES	05/23/22	20,337.40			
	VERIZON WIRELESS	06/14/22	594.93			
	COUNTY LA-RICS-COUNTY COUNSEL	06/17/22	4,470.70			
		06/17/22	4,47 001 0			

2,316,645.72

Description	Record Date	Amount		
FY21/22-IS08 COUNTY LA-RICS-ISD	06/17/22	1,512,14		
FY21/22-IS09 COUNTY LA-RICS-ISD	06/17/22	432.04		
FY21/22-IS07 COUNTY LA-RICS-ISD	06/29/22	972.09		
FY21/22-IS11 COUNTY LA-RICS-ISD	06/29/22	1,404,13		
Subtotal - Unit 65906 - LTE Administrative Costs			98,604.04	
FY21/22-PB09 COUNTY LA-RICS-PROBATION	04/11/22	3,466.68		
FY21/22-2702 Jacobs Engineering	04/15/22	16,600.00		
TRANS, & TRAVRECLASSIFY TRAVEL EXP FROM V58 TO V5A	04/20/22	16.90		
FY21/22-2710 MELISSA SARADPON	04/28/22	40.33		
FY21/22-2719 BCA WATSON RICE LLP	05/04/22	5,068.35		
FY21/22-CC07 COUNTY LA-RICS-COUNTY COUNSEL	05/13/22	8,680.08		
FY21/22-2735 Jacobs Engineering	05/18/22	13,072.50		
FY21/22-SH10 COUNTY LA-RICS-SHERIFF'S	05/18/22	15,110.60		
FY21/22-TT03 COUNTY LA-RICS-TREASURER TAX COLLECTOR	05/18/22	17,901.36		
FY21/22-AC03 COUNTY LA-RICS-AUDITOR CONTROLLER	05/18/22	18,427.75		
FY21/22-AC04 COUNTY LA-RICS-AUDITOR CONTROLLER	05/24/22	2,407.50		
FY21/22-CC08 COUNTY LA-RICS-COUNTY COUNSEL	05/24/22	9,408.38		
FY21/22-DA03 COUNTY LA-RICS-DISTRICT ATTORNEY	05/24/22	32,369.28		
FY21/22-PB10 COUNTY LA-RICS-PROBATION	05/24/22	3,151.53		
FY21/22-2777 Jacobs Engineering	06/21/22	13,280.00		
FY21/22-CC09 COUNTY LA-RICS-COUNTY COUNSEL	06/17/22	11,729.39		
FY21/22-CC10 COUNTY LA-RICS-COUNTY COUNSEL	06/17/22	4,735.49		
FY21/22-RR03 COUNTY LA-RICS -REGISTRAR RECORDER	06/17/22	45,126.04		
FY21/22-PB11 COUNTY LA-RICS-PROBATION	06/17/22	2,416.18		
FY21/22-IS08 COUNTY LA-RICS-ISD	06/17/22	233.40		
FY21/22-IS09 COUNTY LA-RICS-ISD	06/17/22	665.44		
FY21/22-IS10 COUNTY LA-RICS-ISD	06/17/22	233.40		
FY21/22-SH11 COUNTY LA-RICS-SHERIFF'S	06/24/22	17,754.95		
FY21/22-IS07 COUNTY LA-RICS-ISD	06/29/22	233,40		
FY21/22-IS11 COUNTY LA-RICS-ISD	06/29/22	233.40		
Subtotal - Unit 55908 - LMR Administrative Costs			242 362.33	
Total Disbursements				832,693.44

Prepared by Los Angeles County Department of Auditor-Controller, Accounting Division JK 7/14/22

Ending Cash Balance, June 30, 2022



## 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

September 1, 2022

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

**Dear Directors:** 

APPROVE AMENDMENT NO. 104 TO AGREEMENT NO. LA-RICS 007 LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM LAND MOBILE RADIO (LMR) SYSTEM

#### <u>SUBJECT</u>

Board approval is requested to authorize the Executive Director to execute Amendment No. 104 to Agreement No. LA-RICS 007 (Agreement) which reflects a cost reduction in the amount of \$366,556.

#### **RECOMMENDED ACTIONS**

It is recommended that your Board:

- 1. Approve Amendment No. 104 to Agreement No. LA-RICS 007 for an LMR System with Motorola Solutions, Inc. (MSI) to reflect a decrease in certain scope and corresponding cost in the amount of \$366,556.
- 2. Authorize a decrease to the Maximum Contract Sum in an amount of \$366,556 from \$215,207,751 to \$214,841,195 when taking the recommended action into consideration.
- 3. Delegate authority to the Executive Director to execute Amendment No. 104, in substantially similar form to the enclosed Amendment (Enclosure).

#### **BACKGROUND**

As we approach the acceptance of certain subsystems and the implementation and optimization phase of the LMR System, it is necessary to reconcile the Agreement to reflect payment milestones for work that will and will not be performed. The Authority has been working closely with MSI to reconcile the Agreement to ensure the LMR Schedule

LA-RICS Board of Directors September 1, 2022 Page 2

of Payments is updated to reflect only those payment milestones that are applicable to work that will be performed through System Acceptance. The cost reduction reflects the removal of certain design and engineering work that is no longer needed as well as certain equipment and provisioning work that was either replaced or eliminated as final sites were configured. Moreover, the reconciliation reflects a reduction in certain Change Order work that is no longer needed as well as costs savings for certain work that MSI passed onto the Authority.

#### PURPOSE/JUSTIFICATION OF RECOMMENDED ACTIONS

Approval of the recommended actions will authorize the Executive Director to execute Amendment No. 104 to reconcile the Agreement for a cost decrease to the Maximum Contract Sum in the amount of \$366,556. It is necessary to reconcile the Agreement, in particular the Schedule of Payments to reflect only those payment milestones for work that will be performed as well as ensure that such payments are actualized.

#### FISCAL IMPACT/FINANCING

The activities contemplated in Amendment No. 104 will result in decrease to the Maximum Contract Sum in the amount of \$366,556 from \$215,207,751 to \$214,841,195.

#### FACTS AND PROVISIONS/LEGAL REQUIREMENT

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

#### CONCLUSION

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

Respectfully submitted.

**SCOTT EDSON** 

**EXECUTIVE DIRECTOR** 

JA:mbc

**Enclosure** 

c: Counsel to the Authority

#### AMENDMENT NUMBER ONE HUNDRED FOUR

### TO AGREEMENT NO. LA-RICS 007 FOR

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

#### **RECITALS**

This Amendment Number One Hundred Four (together with all exhibits, attachments, and schedules hereto, "Amendment No. 104") is entered into by and between the Los Angeles Regional Interoperable Communications System Authority ("Authority") and Motorola Solutions, Inc. ("Contractor"), effective as of September \_\_\_\_\_ 2022, based on the following recitals:

Whereas, the Authority and Contractor have entered into that certain Agreement No. LA-RICS 007 for Los Angeles Regional Interoperable Communications System ("<u>LA-RICS</u>") 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 "<u>Agreement</u>").

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

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

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

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

Whereas, the Authority and Contractor desire to further amend the Agreement to (a) reconcile Exhibit C.2 (Phase 1 – System Design) to reflect a cost decrease in an amount of \$122,264; (b) reconcile Exhibit C.17 (LMR Change Order Modifications) to

reflect a cost decrease in an amount of \$128,372; (c) reconcile Exhibit C.19 (Channel 15 and Channel 16 Interference Mitigation) to reflect a cost decrease in the amount of \$115,920; (d) reflect a cost neutral transfer of discounts from Exhibit C.4 (Phase 3 – Supply LMR System Components) to Exhibit C.15 (LMR System Discounts) in the amount of \$361,900; (e) reflect a cost neutral transfer of a discount from Exhibit C.17 (LMR Change Order Modifications) to Exhibit C.3 (Phase 2 – Site Construction and Site Modification) in the amount of \$121,819; (f) reflect an adjustment to holdback in the amount of \$65,547; (g) decrease the Maximum Contract Sum by \$366,556 from \$215,207,751 to \$214,841,195; and (h) make other certain changes as set forth in this Amendment No. 104.

NOW THEREFORE, in consideration of the foregoing recitals, all of which are incorporated as part of this Amendment No. 104, and for other valuable consideration, the receipt and sufficiency of which are acknowledged, Authority and Contractor hereby agree as follows:

- 1. <u>Capitalized Terms; Section References</u>. Capitalized terms used herein without definition (including in the recitals hereto), have the meanings given to such terms in the Agreement. Unless otherwise noted, section references in this Amendment No. 104 refer to sections of the Agreement, as amended by this Amendment No. 104.
- Reconciliations. The parties agree and acknowledge to reconcile the Agreement to reflect the removal of the scope and corresponding value as set forth in table below and shall be removed from the relevant portions of Exhibit C (Schedule of Payments) as contemplated and attached to this Amendment No. 104. Additionally, the parties agree and acknowledge that the Agreement will be reconciled to reflect a cost neutral transfer of discounts from Exhibit C.4 (Phase 3 Supply LMR System Components) to Exhibit C.15 (LMR System Discounts) in the amount of \$361,900. The parties also agree to reflect a cost neutral transfer of a discount from Exhibit C.17 (LMR Change Order Modifications) to Exhibit C.3 (Phase 2 Site Construction and Site Modification) in the amount of \$121,819 as well as adjust the holdback for all the reconciliations listed below in the amount of \$65,547.

Item No.	Site ID/Description	Exhibit	Amount
		Remove from Phase 1	
1.	Permit Approval for TOP	(Exhibit C.2)	(\$2,379)
	Subscriber Maintenance for 20 APX7500 Control Stations		
	Beyond the Initial 5 Year Warranty Period (Year 6, Year 7,	Remove from Phase 1	
2.	Year 8 at \$1,908 per year) (Service from the Start - LITE)	(Exhibit C.2)	(\$5,724)
	Subscriber Maintenance for 10 APX 7500 Consolettes		
	Beyond the Initial 5 Year Warranty Period (Year 6, Year 7,	Remove from Phase 1	
3.	Year 8 at \$954 per year) (Service from the Start - LITE)	(Exhibit C.2)	(\$2,862)
	Bridge Warranty for NMS & Console Equipment - Refer to		
	Amendment 7, Attachment A.3, for specifications and a	Remove from Phase 1	
4.	detailed cost breakdown.	(Exhibit C.2)	(\$25,493)
	Subscriber Maintenance for 454 APX 7000XE Portable		
	Radios Beyond Initial 5 Year Warranty Period (Year 6, Year	Remove from Phase 1	
5.	7, Year 8 at \$28,602 per year) (Service from the Start - LITE)	(Exhibit C.2)	(\$85,806)

Item No.	Site ID/Description	Exhibit	Amount
6.	Phase 1 Work Location Change for LACFDEL	Remove from Change Order Modifications (Exhibit C.17)	(\$16,306)
7.	New Phase 1 Work for UNIV	Remove from Change Order Modifications (Exhibit C.17)	(\$10,125)
8.	New Phase 1 Work for RPVT	Remove from Change Order Modifications (Exhibit C.17)	(\$9,888)
9.	New Antenna Models and Powder Coating at Various Sites	Remove from Change Order Modifications (Exhibit C.17)	(\$7,725)
10.	Redesign Work for UNIV and CTYWLK	Remove from Change Order Modifications (Exhibit C.17)	(\$1,018)
11.	Outdoor Power System and Equipment at TOP	Remove from Change Order Modifications (Exhibit C.17)	(\$488)
12.	Antenna Powder Coating at Various Sites	Remove from Change Order Modifications (Exhibit C.17)	(\$254)
13.	Addition of Microwave Link at RIH	Remove from Change Order Modifications (Exhibit C.17)	(\$7,767)
14.	Addition of Microwave Link at UNIV	Remove from Change Order Modifications (Exhibit C.17)	(\$5,872)
15.	LARTCS VHF Frequency Changes at Various Sites	Remove from Change Order Modifications (Exhibit C.17)	(\$6,870)
16.	Leased Fiber Link between FCCF and PLM	Remove from Change Order Modifications (Exhibit C.17)	(\$421)
17.	Addition of Microwave Link at SPH	Remove from Change Order Modifications (Exhibit C.17)	(\$61,638)
18.	Noise Floor Coverage Review Based on Monitoring Data	Remove from Exhibit C.19	(\$115,920)
		TOTAL AMOUNT:	(\$366,556)

#### 3. Amendments to the Agreement.

- 3.1 Section 8.1 (Maximum Contract Sum and Contract Sum General), in particular Section 8.1.1 of the Base Document, is deleted in its entirety and replaced with the following:
  - 8.1.1 The "Maximum Contract Sum" under this Agreement is Two Hundred Fourteen Million, Eight Hundred Forty-One Thousand, One Hundred Ninety-Five Dollars (\$214,841,195) which includes the Contract Sum and all Unilateral Option Sums, as set forth in Exhibit C (Schedule of Payments).
- 3.2 Section 24.4 (Limitation of Liability), in particular Section 24.4.1 of the Base Document, is deleted in its entirety and replaced with the following:
  - 24.4.1 Except for liability resulting from personal injury, harm to tangible property, or wrongful death, Contractor's total liability to the Authority, whether for breach of contract, warranty, negligence, or strict liability in tort, will be limited in the aggregate to direct damages no greater than One Hundred Fifty-Seven Million, Four Hundred Ninety-Four Thousand, Five Hundred One Dollars (\$157,494,501). Notwithstanding the foregoing, Contractor shall not be liable to the Authority for any special, incidental, indirect, or consequential damages.

#### 4. Amendments to Agreement Exhibits.

- 4.1 Exhibit C.1 (LMR System Payment Summary) to Exhibit C (Schedule of Payments) is deleted in its entirety and replaced with Exhibit C.1 (LMR System Payment Summary), which is attached to this Amendment No. 104 and incorporated herein by this reference.
- 4.2 Exhibit C.2 (Phase 1 System Design) to Exhibit C (Schedule of Payments) is deleted in its entirety and replaced with Exhibit C.2 (Phase 1 System Design), which is attached to this Amendment No. 104 and incorporated herein by this reference.
- 4.3 Exhibit C.3 (Phase 2 Site Construction and Site Modification) to Exhibit C (Schedule of Payments) is deleted in its entirety and replaced with Exhibit C.3 (Phase 2 Site Construction and Site Modification), which is attached to this Amendment No. 104 and incorporated herein by this reference.
- 4.4 Exhibit C.4 (Phase 3 Supply LMR System Components) to Exhibit C (Schedule of Payments) is deleted in its entirety and replaced with Exhibit C.4 (Phase 3 Supply LMR System Components), which is attached to this Amendment No. 104 and incorporated herein by this reference.
- 4.5 Exhibit C.15 (LMR System Discounts) to Exhibit C (Schedule of Payments) is deleted in its entirety and replaced with Exhibit C.15 (LMR System Discounts), which is attached to this Amendment No. 104 and incorporated herein by this reference.
- 4.6 Exhibit C.17 (LMR Change Order Modifications) to Exhibit C (Schedule of Payments) is deleted in its entirety and replaced with Exhibit C.17 (LMR Change Order Modifications), which is attached to this Amendment No. 104 and incorporated herein by this reference.
- 4.7 Exhibit C.19 (Channel 15 and Channel 16 Interference Mitigation) to Exhibit C (Schedule of Payments) is deleted in its entirety and replaced with Exhibit C.19 (Channel 15 and Channel 16 Interference Mitigation), which is attached to this Amendment No. 104 and incorporated herein by this reference.
- 4.8 Exhibit C.22 (LMR Subsystem Acceptance Payment Schedule) to Exhibit C (Schedule of Payments) is deleted in its entirety and replaced with Exhibit C.22 (LMR Subsystem Acceptance Payment Schedule), which is attached to this Amendment No. 104 and incorporated herein by this reference.
- 5. This Amendment No. 104 shall become effective as of the date identified in the recitals, which is the date upon which:
  - 5.1 An authorized agent of Contractor has executed this Amendment No. 104;

- 5.2 Los Angeles County Counsel has approved this Amendment No. 104 as to form;
- 5.3 The Board of Directors of the Authority has authorized the Executive Director of the Authority, if required, to execute this Amendment No. 104;
- The Executive Director of the Authority has executed this Amendment No. 104.
- 6. Except as expressly provided in this Amendment No. 104, all other terms and conditions of the Agreement, as amended, shall remain the same and in full force and effect.
- 7. Contractor and the person executing this Amendment No. 104 on behalf of Contractor represent and warrant that the person executing this Amendment No. 104 for Contractor is an authorized agent who has actual authority to bind Contractor to each and every term and condition of this Amendment No. 104, and that all requirements of Contractor to provide such actual authority have been fulfilled.
- 8. This Amendment No. 104 may be executed in one or more original or facsimile counterparts, all of which when taken together shall constitute one in the same instrument.

\* \* \*

#### AMENDMENT NUMBER ONE HUNDRED FOUR

#### TO AGREEMENT NO. LA-RICS 007 FOR

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

IN WITNESS WHEREOF, the parties hereto have caused this Amendment No. 104 to be executed on their behalf by their duly authorized representatives, effective as of the date first set forth above.

LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY	MOTOROLA SOLUTIONS, INC.
Ву:	Ву:
Scott Edson Executive Director	Arturs A. Vanags Motorola Project Director
APPROVED AS TO FORM FOR THE LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY:	
DAWYN R. HARRISON Acting County Counsel	
Ву:	
Truc L. Moore Principal Deputy County Counsel	

EXHIBIT C.1 LMR SYST					S			
Summary	1	Unilateral ption Sum	C	ontract Sum Full Payable Amount		10% Holdback Amount	N	Payment Iinus 10% Holdback Amount
Phase 1 <sup>(Note 1)</sup>	\$	-	\$	41,632,564	\$	3,117,075	\$	38,515,489
Phase 2	\$	-	\$	43,100,532	\$	4,147,788	\$	38,952,744
Phase 3	\$	-	\$	56,698,625	\$	4,230,479	\$	52,468,147
Phase 4	\$	-	\$	20,732,004	\$	2,009,828	\$	18,722,174
SUBTOTAL (Phases 1 to 4):	\$	-	\$	162,163,724	\$	13,505,169	\$	148,658,554
Phase 5 (15 Years)	\$	55,898,518	\$	-	\$	-	\$	55,898,518
TOTAL (Phases 1 to 5):	\$	55,898,518	\$	162,163,724	\$	13,505,169	\$	204,557,072
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			\$	3,493,489	\$	349,349	\$	3,144,140
LMR Unilateral Amendments			\$	1,395,361	\$	139,536	\$	1,255,825
Multiprotocol Label Switching Mobile Backhaul			\$	2,200,000	\$	220,000	\$	1,980,000
Channel 15 and Channel 16 Interference Mitigation			\$	687,287			\$	687,287
LMR Bridge Warranty			\$	1,987,674			\$	1,987,674
SUBTOTAL	\$	130,552,956	\$	174,839,892	\$	21,679,498	\$	283,713,348
TOTAL CONTRACT SUM:	\$174,839,892							
LMR Discounts <sup>(Note 2)</sup>				-\$17,2	01,	,215		
MAXIMUM CONTRACT SUM(Total Unilateral Option Sum plus Total Contract Sum):	\$214,841,195							

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.

Deliverable/ Task/ Section No. (Exhibit A. Exhibit B. or Base Document)	Site ID	Deliverable	Unilateral Option Sum (Notes 3, 5, 6, 7, 8,9)	Credits (Note 11)	Pa	ontract Sum - yable Amount for Phase 1 (Notes 3-22)	6	10% Holdback Amount	Payable Amount Less 10% Holdback
A.1.1 A.1.2		Project Management Staffing Plan Delivered Overview and Scope Delivered	-	-	1	Included Included	\$	-	\$ -
A.1.3		Communications Plan Delivered	-		S	67,233	\$	6,723	\$ 60,510
A.1.4		Initial Integrated Master Schedule Delivered	-	-	\$	89,644	_	8,964	\$ 80,680
A.1.5		Documentation Plan Delivered	-	-		Included	\$	-	\$ -
A.1.6		Quality Control Plan Delivered	-	-	\$	67,233	\$	6,723	\$ 60,510
A.1.7		Change Order/Change Management Plan Delivered	-	-		Included	\$	-	\$ -
A.1.8 A.1		Initial Risk Management Plan Delivered Project Management Plan - Final	-	-	\$ \$	89,644 112,055	\$ \$	8,964 11,206	\$ 80,680 \$ 100.850
B.1.6		FCC License and Application Forms	_		. 3	Included	\$	11,206	\$ 100,830
B.1.12		Coverage Modeling Tool and Training	_	_		Included	\$	-	\$ -
B.1.14.1		Detailed Project Description - 50% of sites	-	-	\$	1,368,583	\$	136,858	\$ 1,231,725
B.1.14.1		Detailed Project Description - Final 50% of Sites	-	-	\$	1,368,583	\$	136,858	\$ 1,231,725
B.1.14.2		RF Emission Safety Report Delivered	-	-		Included	\$	-	\$ -
B.1.14.3.3.29.1		DTVRS Design – Digital Trunked Voice Radio Subsystem:	-	-	\$	-	_	-	-
B.1.14.3.3.29.1		80% DTVRS Design – Digital Trunked Voice Radio Subsystem 20% DTVRS Design – Digital Trunked Voice Radio Subsystem	-	-	\$ \$	1,965,745	¢	245 710	\$ 1,965,745
B.1.14.3.3.29.1 B.1.14.3.3.29.2		ACVRS Design – Analog Conventional Voice Radio Subsystem:	_	-	\$	491,436	\$	245,718	\$ 245,718
B.1.14.3.3.29.2 B.1.14.3.3.29.2		80% ACVRS Design – Analog Conventional Voice Radio Subsystem	-		\$	446,491	t	-	\$ 446,491
B.1.14.3.3.29.2		20% ACVRS Design – Analog Conventional Voice Radio Subsystem	-	-	\$	111,623	\$	55,811	\$ 55,812
B.1.14.3.3.29.3		LARTCS Design – Los Angeles Regional Tactical Communications Subsystem:			s			-	
		80% LARTCS Design – Los Angeles Regional Tactical	-		- S	496 144			\$ 486 144
B.1.14.3.3.29.3		Communications Subsystem 20% LARTCS Design – Los Angeles Regional Tactical	-		. 2	486,144			100,111
B.1.14.3.3.29.3		Communications Subsystem	-	-	· \$	121,535	\$	60,768	\$ 60,767
B.1.14.3.3.29.4 B.1.14.3.3.29.4		NMDN Design – Narrowband Mobile Data Network  80% NMDN Design – Narrowband Mobile Data Network		-	\$	113,646		-	\$ 113,646
B.1.14.3.3.29.4		20% NMDN Design – Narrowband Mobile Data Network	_	_	\$	28,412	\$	14,206	\$ 14,206
B.1.14.3.3.29.5		Consoles Design	-	-		Included		Í	
B.1.14.3.3.29.6		Logging Recorder Description	,	-		Included			
B.1.14.3.3.29.7		Site Interconnection/Backhaul Subsystem Description:	-	-	\$			-	
B.1.14.3.3.29.7 B.1.14.3.3.29.7		80% Site Interconnection/Backhaul Subsystem Description: 20% Site Interconnection/Backhaul Subsystem Description:	-	-	\$ \$	170,323 42,581	\$	21,290	\$ 170,323 \$ 21,291
B.1.14.3.3.29.7 B.1.14.3.3.29.8		System Management and Monitoring Subsystem Description	_		. 3	Included	Þ	21,290	\$ 21,291
B.1.14.3.3.29.9		Inventory and Maintenance Tracking Subsystem Description	_	-		Included	1		
B.1.14.3		LMR Final System Design Approval (Note 1)	_	_	· \$	757,702	\$	75,770	\$ 681,932
B.1.15		Inventory and Maintenance Tracking Subsystem	-	-	\$	974,026	\$	97,403	\$ 876,623
		Project Management for Phase 1 – System Design Monthly Reports	-	-		Included	\$	-	\$ -
Base.22.3.2		Performance Bond for Phase 1 – System Design	-	-	\$	29,774	_	-	\$ 29,774
D 22.2.1		Total Lease Costs for Phase 1 – System Design	-	-	\$	-	\$	-	¢ 527.500
Base.22.2.1		Liability Insurance (General and Professional)	-	-	\$	527,500	\$	-	\$ 527,500
		LMR SYSTEM	SITES						
B.1.14.5		Site Design Review Packages 75% Zoning Submittal by Site (Note 2)	-	-	\$	-	\$	-	\$ -
B.1.14.5	BAH	Baldwin Hills	-	-	\$	(3)		(0)	
B.1.14.5	BJM	Black Jack Peak	-	-	\$	7,138	_	714	\$ 6,424
B.1.14.5 B.1.14.5	BMT BRK	Bald Mountain  Blue Rock	-	-	\$	7,138	\$ \$	714	\$ 6,424 \$ -
B.1.14.5	BUR	Burnt Peak			\$		\$	-	\$ -
B.1.14.5	BVG	Beverly Glen	_	-	\$	-	\$	-	\$ -
B.1.14.5	CCB	Compton Court Building			\$	7,138	_	714	\$ 6,424
B.1.14.5	CEP	Century Plaza	-	-	\$	-	\$	-	\$ -
B.1.14.5	CLM	Claremont	-	-	\$	7,138	_	714	\$ 6,424
B.1.14.5	CPK	Castro Peak  Dakin Peak	-	-	\$	7,138		714	\$ 6,424
B.1.14.5 B.1.14.5	DPK ELSGDPD	Dakin Peak El Segundo PD	_		\$ \$	7,138	\$	714	\$ 6,424 \$ -
B.1.14.5	ENC1	Encinal 1 (Fire Camp)			\$		\$		\$
B.1.14.5	GRM	Green Mountain	-	-	\$	7,138	\$	714	\$ 6,424
B.1.14.5	HPK	Hauser Peak	-	-	\$	7,138	_	714	\$ 6,424
B.1.14.5	<del>JPK</del>	Johnstone Peak	-	-	-\$		\$		\$ -
B.1.14.5	LACF028	FS 28	-	-	\$	-	\$	-	-
B.1.14.5	LACF056 LACF071	FS 56 FS 71	-	-	\$ \$	-	\$ \$	-	\$ - \$ -
D 1 14 5			_						
B.1.14.5 B.1.14.5	LACF072	FS 72			\$	7,138		714	\$ 6,424

Deliverable/ Task/ Section No. (Exhibit A, Exhibit B, or Base Document)	Site ID	Deliverable	Unilateral Option Sum (Notes 3, 5, 6, 7, 8,9)	Credits (Note 11)	Contract Sum - Payable Amount for Phase 1 (Notes 3-22)	10% Holdback Amount	Payable Amount Less 10% Holdback
B.1.14.5	LACF084	FS 84	-		- \$ -	\$ -	\$ -
B.1.14.5	LACF091	FS 91	-		- \$ -	\$ -	\$ -
B.1.14.5	LACE110	FS 99	-		- \$ -	\$ -	\$ -
B.1.14.5 B.1.14.5	LACF119 LACF144	FS 119 FS 144	-		- \$ - - \$ -	\$ - \$ -	\$ - e
B.1.14.5	LACF149	FS 149			- \$ -	s -	\$ -
B.1.14.5	LACF157	FS 157	_		· \$ -	s -	\$ -
B.1.14.5	LACF196	FS 169-	-		- \$ -	\$ -	\$ -
B.1.14.5	LACFCP09	CP 9	-		- \$ -	\$ -	\$ -
B.1.14.5	LACFDEL	Los Angeles County Fire Deparmental Del Valle Training Camp	-		\$ 7,138	\$ 714	\$ 6,424
B.1.14.5	LAH	LA City Hall	-		\$ -	\$ -	\$ -
B.1.14.5	LBR	Lower Blue Ridge	-		\$ -	\$ -	\$ -
B.1.14.5 B.1.14.5	LDWP243	DWP Sylmar Water Ladder	-		- \$ 7,138		\$ 6,424 \$
B.1.14.5 B.1.14.5	MAM MDI	Magic Mountain  Mount Disappointment	-		- \$ - - \$ 7,138	\$ - \$ 714	\$ 6,424
B.1.14.5 B.1.14.5	MLE	Mount Lee	_		\$ 7,136	\$ /14	\$ 0,424
B.1.14.5	MLM	Mira Loma Facility			\$ 7,138	\$ 714	\$ 6,424
B.1.14.5	MMC	Mount McDill	-		- \$ 7,138	\$ 714	\$ 6,424
B.1.14.5	MTL	Mount Lukens			- \$ -	\$ -	\$ -
B.1.14.5	MTT	Mount Thom	-		- \$ -	\$ -	\$ -
B.1.14.5	MTW	Mount Washington	-		- \$ -	\$ -	\$ -
B.1.14.5	MVS	Monte Vista (Star Center)	-		\$ 7,138	\$ 714	\$ 6,424
B.1.14.5	OMC	Oat Mountain	-		- \$ -	\$ -	\$ -
B.1.14.5 B.1.14.5	OAT ONK	Oat Mountain Oat Mountain Nike	-		- \$ 7,138 - \$ 7.138	\$ 714 \$ 714	\$ 6,424 \$ 6,424
B.1.14.5 B.1.14.5	PHN	Puente Hills	-		- \$ 7,138 - \$ 7,138	\$ 714	\$ 6,424
B.1.14.5	PRG	Portal Ridge			- \$ 7,138	\$ 714	\$ 6,424
B.1.14.5	PSH	Pomona 1620 Hillcrest	_	-	\$	\$ -	\$ -
B.1.14.5	RDNBPD	Redondo Beach PD	-	\$ .	- \$ -	\$ -	\$ -
B.1.14.5	RHT	Rolling Hills Transmit	-		- \$ 7,138	\$ 714	\$ 6,424
B.1.14.5	RIH	Rio Hondo	-		\$ 7,138	\$ 714	\$ 6,424
B.1.14.5	RPVE001	Rancho Palos Verdes City Hall	-		- \$ -	\$ -	\$ -
B.1.14.5	SAG	San Augustine	-		- \$ -	\$ -	\$ -
B.1.14.5 B.1.14.5	SDW SGH	San Dimas Signal Hill	-		- \$ 7,138 - \$ 7,138	\$ 714 \$ 714	\$ 6,424 \$ 6,424
B.1.14.5	SPC	San Pedro Hill			- \$ 7,136	\$ 714	\$ 0,424
B.1.14.5	SPN	Saddle Peak	_		- \$ 7,138	-	\$ 6,424
B.1.14.5	SUN	Sunset Ridge	-		- \$ 7,138	\$ 714	\$ 6,424
B.1.14.5	SVP	San Vicente Peak	-		- \$ -	\$ -	\$ -
B.1.14.5	SWP	Southwest Area Station	-		- \$ -	\$ -	\$ -
B.1.14.5	TOP	Topanga Peak	-		\$ 7,138	\$ 714	\$ 6,424
B.1.14.5	TPK	Tejon Peak	-		\$ 7,138	\$ 714	\$ 6,424
B.1.14.5 B.1.14.5	TWR VPC	Tower Peak Verdugo Peak	-		- \$ 7,138 - \$ -	\$ 714 \$ -	\$ 6,424
B.1.14.5	WAD	Walker Drive			- \$ -	\$ -	\$ - \$ -
B.1.14.5	WMP	Whitaker Middle Peak	_		- \$ 7,138		Ψ
B.1.14.5	WS1	100 Wilshire	_	-	\$ -	\$ -	\$ -
B.1.14.5	WTR	Whittaker Ridge			- \$ 7,138	\$ 714	\$ 6,424
B.1.14.5	LAPD077	77TH Street Area Complex	-		- \$ -	\$ -	\$ -
B.1.14.5	LAPDDVN	Devonshire Area station	-		\$ -	\$ -	\$ -
B.1.14.5	FCCF	L.A. County Fire Command	-		- \$ 7,138		\$ 6,424
B.1.14.5	LAPDVDC	Valley Dispatch Center	-		- \$ -	\$ -	<b>3</b> -
B.1.14.6	D.1	Permit Approval by Site (Note 2)	-		- <b>S</b> -	<b>s</b> -	\$ -
B.1.14.6	BAH	Baldwin Hills  Pleak Look Book	-	<u> </u>	- \$ - \$ 2.270	\$ -	\$ -
B.1.14.6 B.1.14.6	BJM BMT	Black Jack Peak Bald Mountain	-	<u> </u>	- \$ 2,379 - \$ 2,379		\$ 2,141 \$ 2,141
B.1.14.6 B.1.14.6	BUR	Blue Rock			- \$ 2,379 - \$ -	\$ 238	\$ 2,141 \$ -
B.1.14.6	BRK	Burnt Peak	-		- \$ -	\$ -	\$ -
B.1.14.6	BVG	Beverly Glen			- \$ -	\$ -	\$ -
B.1.14.6	CCB	Compton Court Building	-		\$ 2,379	\$ 238	\$ 2,141
B.1.14.6	CEP	Century Plaza	-		- \$ -	\$ -	\$ -
B.1.14.6	CLM	Claremont			\$ 2,379		\$ 2,141
B.1.14.6	CPK	Castro Peak	-		\$ 2,379		\$ 2,141
B.1.14.6	DPK	Dakin Peak	-	<u> </u>	\$ 2,379		\$ 2,141
B.1.14.6 B.1.14.6	ENC1	El Segundo PD Encinal 1 (Fire Camp)	-		- \$ - - \$	\$ -	э - e
	GRM	Green Mountain	<del>-</del>	-	\$ 2,379	\$ 238	\$ 2,141
B.1.14.6							

Deliverable/ Task/ Section No. (Exhibit A, Exhibit B, or Base Document)	Site ID	Deliverable	Unilateral Option Sum (Notes 3, 5, 6, 7, 8,9)	Credits (Note 11)	Contract Sum - Payable Amount for Phase 1 (Notes 3-22)	10% Holdback Amount	Payable Amount Less 10% Holdback
B.1.14.6	<del>JPK</del>	Johnstone Peak	-	-	\$ -	\$ -	\$
B.1.14.6	LACF028	FS 28	-		- \$ -	\$ -	\$ -
B.1.14.6	LACF056	FS 56	-		- \$	\$ -	\$ -
B.1.14.6 B.1.14.6	LACF071 LACF072	FS 72	-		\$ 2,379	\$ 238	\$ - \$ 2,141
B.1.14.6	LACF077	FS 77-			\$ 2,379	\$ 238 \$ -	\$ 2,141
B.1.14.6	LACF084	FS 84			\$ -	s -	\$ -
B.1.14.6	LACF091	FS 91-	-		· \$ -	\$ -	\$ -
B.1.14.6	LACF099	FS 99	-		- \$ -	\$ -	\$ -
B.1.14.6	LACF0119	FS 119	-		- \$	\$ -	\$ -
B.1.14.6	LACF144	FS 144-	-		- \$	\$ -	\$ -
B.1.14.6	LACF149	FS 149	-		\$ -	\$ -	\$ -
B.1.14.6	LACF157	FS 157	-		- \$ -	\$ -	\$ -
B.1.14.6	LACF169	FS 169-	-		\$ -	\$ -	\$ -
B.1.14.6	LACFCP09	CP )	-		\$ -	\$ -	\$ -
B.1.14.6	LACFDEL	Los Angeles County Fire Departmental Del Valle Training Camp	-	-	\$ 2,379	\$ 238	\$ 2,141
B.1.14.6 B.1.14.6	LAHE LBR	LA City Hall Lower Blue Ridge	+	·	- S -	\$ - \$ -	φ - ¢
B.1.14.6	LDWP243	DWP Sylmar Water Ladder	<del>-</del>		\$ 2,379	\$ 238	\$ 2,141
B.1.14.6	MAM	Magic Mountain	+		\$ 2,379	\$ 238 \$ -	\$ -
B.1.14.6	MDI	Mount Disappointment	1 .		\$ 2,379	\$ 238	\$ 2,141
B.1.14.6	MLE	Mount Lee		_	\$ 2,377	\$ -	\$ 2,111
B.1.14.6	MLM	Mira Loma Facility	-		\$ 2,379	\$ 238	\$ 2,141
B.1.14.6	MMC	Mount McDill	-		\$ 2,379	\$ 238	\$ 2,141
B.1.14.6	MTL	Mount Lukens	-		- \$ -	\$ -	\$ -
B.1.14.6	MTT	Mount Thom	-		- \$ -	\$ -	\$ -
B.1.14.6	MTW	Mount Washington	-		- \$	\$ -	\$ -
B.1.14.6	MVS	Monte Vista (Star Center)	-	-	\$ 2,379	\$ 238	\$ 2,141
B.1.14.6	OMC	Oat Mountain	-		\$ -	\$ -	\$ -
B.1.14.6	OAT	Oat Mountain	-		\$ 2,379	\$ 238	\$ 2,141
B.1.14.6	ONK	Oat Mountain Nike	-		\$ 2,379	\$ 238	\$ 2,141
B.1.14.6	PHN	Puente Hills	-		\$ 2,379	\$ 238	\$ 2,141
B.1.14.6 B.1.14.6	PRG PSH	Portal Ridge Pomona 1620 Hillcrest	-	-	\$ 2,379	\$ 238	\$ 2,141
B.1.14.6	RDNBPD	Redondo Beach PD	_	\$ -	\$ -	s -	¢
B.1.14.6	RHT	Rolling Hills Transmit		Ψ .	\$ 2,379	\$ 238	\$ 2.141
B.1.14.6	RIH	Rio Hondo	_		\$ 2,379	\$ 238	\$ 2,141
B.1.14.6	RPVE001	Rancho Palos Verdes City Hall	-		\$ -	\$ -	\$ -
B.1.14.6	SAG	San Augustine	-		- \$ -	\$ -	\$ -
B.1.14.6	SDW	San Dimas	-		\$ 2,379	\$ 238	\$ 2,141
B.1.14.6	SGH	Signal Hill	-		\$ 2,379	\$ 238	\$ 2,141
B.1.14.6	SPC	San Pedro Hill	-		\$ -	\$ -	\$ -
B.1.14.6	SPN	Saddle Peak	-		\$ 2,379	\$ 238	\$ 2,141
B.1.14.6	SUN	Sunset Ridge	-	-	\$ 2,379	\$ 238	\$ 2,141
B.1.14.6	SVP	San Vicente Peak	-		\$ -	\$ -	\$ -
B.1.14.6 B.1.14.6	SWP TOP	Southwest Area Station	-		- \$	\$ -	\$ -
B.1.14.6	TPK	Topanga Peak Tejon Peak	_	_	\$ 2,379	\$ 238	\$ 2,141
B.1.14.6	TWR	Tower Peak	-	•	\$ 2,379		\$ 2,141
B.1.14.6	VPC	Verdugo Peak	+		\$ 2,379	\$ -	\$ 2,141
B.1.14.6	WAD	Walker Drive	1 .	1	· \$ -	s -	\$ -
B.1.14.6	WMP	Whitaker Middle Peak	_		\$ 2,379	*	\$ 2,141
B.1.14.6	WS1	100 Wilshire	-	_	\$ -	\$ -	\$ -
B.1.14.6	WTR	Whittaker Ridge	-		\$ 2,379	\$ 238	\$ 2,141
B.1.14.6	LAPD077	77TH Street Area Complex	-		\$ -	\$ -	\$ -
B.1.14.6	LAPDDVN	Devonshire Area station	-		- \$ -	\$ -	\$ -
B.1.14.6	FCCF	L.A. County Fire Command	-		\$ 2,379	\$ 238	\$ 2,141
B.1.14.6	LAPDVDC	Valley Dispatch Center	-		- \$ -	\$ -	\$ -
		Subtotal for Phase 1:  LMR SYSTEM ADDITIONAL SITE	\$ -	S ENT NO. 10	\$ 9,722,558	\$ 916,528	\$ 8,806,030
B.1.14.5		LMR SYSTEM ADDITIONAL SITE Site Design Review Packages 75% Zoning Submittal by Site	AMENDMI	LNI NO. I	)		
B.1.14.5 B.1.14.5	APC	Airport Courthouse			\$ 7,138	\$ 714	\$ 6,424
B.1.14.5	BHCCPRK	Beverly Hills' Coldwater Canyon Park	1		\$ 7,138	\$ /14 \$ -	\$ 6,424
B.1.14.5	LACF136	FS 136	1		\$ -	\$ -	\$ -
B.1.14.5	LAHE	LA City Hall East	1		\$ -	\$ -	\$ -
B.1.14.5	OLI	Olinda			\$ -	\$ -	\$ -
B.1.14.6		Permit Approval by Site		•			
					\$ 2,379		

	Deliverable/ Task/ Section No. (Exhibit A, Exhibit B, or Base Document)  D.1.14.6	Site ID	Deliverable  Beverly Hills' Coldwater Canyon Park	Unilateral Option Sum (Notes 3, 5, 6, 7, 8,9)	Credits (Note 11)	Contract Sum - Payable Amount for Phase 1 (Notes 3-22)	10% Holdback Amount	Payable Amount Less 10% Holdback
Li-Li-Li-Li-Li-Li-Li-Li-Li-Li-Li-Li-Li-L						•		*
Salvata for Additional Name Agency 75% Caning Submitted by Site   Salvata								\$ -
R.1.14.5   Nite Design Review Packages 57% Zonaing Submitted by Nice	B.1.14.6	OLI	Olinda			*	\$ -	\$ -
BL145		Subto	`	\$ -			\$ 952	\$ 8,565
STATE   STAT				S (AMENDM	ENT NO. 16	)		
SIL145		0	v v	T		\$ 7.138	S 714	\$ 6.424
STATE   First Pools   Cologo   STATE								\$ 6,424
BL1145   MIZA   H-75-Holips			ĕ					\$ 6,424
RILLIA   HIPTA   HLTP   Interpret   Station   S.   S.   S.   S.   S.   S.   S.   S								\$ 6,424 \$ 6,424
B.1.14.5   LPC			H-17 Helipad				\$ -	\$
ILLIA   LINE   Lower Friends Jump Statum						.,		\$ 6,424
B.1145   MMR							\$ /14 \$ -	\$ 6,424
B.114.5   MPL		MIR				*	\$ 714	\$ 6,424
B.1.14.5   PPC   Pacific Design Center     S   S   S   S   S   S   S   S   S			č					4 0,1-1
B.114.5   PIAM   Lox Angeles Country Palmidale Shoriff Station   \$ 7,138   \$ 714   \$ 6,22   B.114.5   PAT   Prof. Mountain   \$ 5,718   \$ 714   \$ 6,22   B.114.5   PAT   Prof. Mountain   \$ 5, 718   \$ 714   \$ 6,22   B.114.6   PAT   Prof. Mountain   \$ 5, 718   \$ 714   \$ 6,22   B.114.6   Prof. Approval by Site   B.114.6   CCT   Criminal Count (Foltz)   \$ 2,379   \$ 228   \$ 2,44   B.114.6   CCT   Criminal Count (Foltz)   \$ 5, 2,379   \$ 228   \$ 2,44   B.114.6   CCT   Criminal Count (Foltz)   \$ 5, 2,379   \$ 288   \$ 2,44   B.114.6   CCT   Criminal Count (Foltz)   \$ 5, 2,379   \$ 288   \$ 2,44   B.114.6   CCT   Criminal Count (Foltz)   \$ 5, 2,379   \$ 288   \$ 2,44   B.114.6   CCT   Criminal Count (Foltz)   \$ 5, 2,379   \$ 288   \$ 2,44   B.114.6   CCT   Criminal Count (Foltz)   \$ 5, 2,379   \$ 288   \$ 2,44   B.114.6   HATA   HATA						.,	\$ /14	\$ 6,424
Hill-14-5	B.1.14.5	PLM	Los Angeles County Palmdale Sheriff Station					\$ 6,424
B.1.14.5   VPR   Verlage Peak County							\$ 714	\$ 6,424
							\$ 714	\$ 6,424
Bili46		Permit Appro	val by Site	•			•	
Bili46	B.1.14.6					\$ 2,379	\$ 238	\$ 2,141
Billid   FRP			Criminal Court (Foltz)					\$ 2,141
Bilil46   GMT   Grass Mountain								,
H-124-6								\$ 2,141
B.1.14.6   LASDTEN   Los Angeles County Sheriff Temple Station   S 2,379   S 238   S 2,14							\$ 238	\$ 2,141
B-1.14.6   L-BPS			1			*	\$ 238	\$ 2,141
B.1.14.6   MIR	B.1.14.6	LPC	Loop Canyon			\$ 2,379	\$ 238	\$ 2,141
B.1.14.6   MMIL   Magic Mountain Link			•			•	<u> </u>	\$ -
B.1.14.6								
B.1.14.6   PDC   Pacific-Design-Center     S   S   S   S   S   S   S   S   S								\$ 2,141
B.1.14.6   PMT   Pinc Mountain							\$ -	\$ -
B.1.14.6   PWT   Portshead-Tank	B.1.14.6	PLM	Los Angeles County Palmdale Sheriff Station			\$ 2,379	\$ 238	\$ 2,141
Subtotal for Additional Sites (Amendment No. 16)   S - S - S   123,721   S   12,722   S   111,3							\$ 238	\$ 2,141
Subtotal for Additional Sites (Amendment No. 16)   S -   S   S   123,721   S   12,372   S   111,3						*	\$ -20	\$ - 2 141
B.1.14.5   Site Design Review Packages 75% Zoning Submittal by Site	Б.1.14.0.			S	S -			
B.1.14.5   BUR1   Burnt Peak		Subt					12,072	111,015
B.1.14.5   BURI   Burnt Peak	B.1.14.5	Site Design Re		5 (MMENDINI	E1(1 1(0, 17	<i>)</i>		
B.1.14.5   LARICSHQ   LA-RICS Headquarters			0 0	1		\$ 7.138	\$ 714	\$ 6,424
B.1.14.6   BUR1   Burnt Peak								
B.1.14.6   LARICSHQ   LA-RICS Headquarters					•			
Subtotal for Additional Sites (Amendment No. 17)				1				
B.1.14.5   Site Design Review Packages 75% Zoning Submittal by Site	D.1.14.0			S	S -			
B.1.14.5   BHS   Baldwin Hills County   \$ 7,138   \$ 714   \$ 6,42		Subto					1,503	17,131
B.1.14.5   BHS   Baldwin Hills County   S   7,138   S   714   S   6,42	R 1 14 5	Site Design De		S-(SWIDNIDMI	ENT NO. 18			
B.1.14.5   BKK   BKK Landfill   \$ 7,138 \$ 714 \$ 6,42     B.1.14.5   DPW38   Los Angeles County Department of Public Works Pump Station 38   \$ 7,138 \$ 714 \$ 6,42     B.1.14.5   POM   Pomona Courthouse   \$ 7,138 \$ 714 \$ 6,42     B.1.14.5   RPV1   Rancho Palos Verdes   \$ 7,138 \$ 714 \$ 6,42     B.1.14.5   SMMC   Santa Monica/UCLA Medical Center   \$ 7,138 \$ 714 \$ 6,42     B.1.14.5   UCLA   UCLA (Factor Building)   \$ 7,138 \$ 714 \$ 6,42     B.1.14.5   WWY   Winding Way   \$ 7,138 \$ 714 \$ 6,42     B.1.14.5   WWY   Winding Way   \$ 7,138 \$ 714 \$ 6,42     B.1.14.6   BHS   Baldwin Hills County   \$ 2,379 \$ 238 \$ 2,14     B.1.14.6   BKK   BKK Landfill   \$ 2,379 \$ 238 \$ 2,14     B.1.14.6   DPW38   Los Angeles County DPW Water Tank   \$ 2,379 \$ 238 \$ 2,14     B.1.14.6   POM   Pomona Courthouse   \$ 2,379 \$ 238 \$ 2,14     B.1.14.6   RPV1   Rancho Palos Verdes   \$ 2,379 \$ 238 \$ 2,14     B.1.14.6   RPV1   Rancho Palos Verdes   \$ 2,379 \$ 238 \$ 2,14     B.1.14.6   SMMC   Santa Monica/UCLA Medical Center   \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$				I	I	\$ 7138	\$ 714	\$ 6,424
B.1.14.5   DPW38   Los Angeles County Department of Public Works Pump Station 38   \$ 7,138 \$ 714 \$ 6,42				1				
B.1.14.5   RPV1   Rancho Palos Verdes   \$ 7,138 \$ 714 \$ 6,42	B.1.14.5	DPW38	Los Angeles County Department of Public Works Pump Station 38			\$ 7,138	\$ 714	\$ 6,424
B.1.14.5         SMMC         Santa Monica/UCLA Medical Center         \$         \$         \$           B.1.14.5         UCLA         UCLA (Factor Building)         \$         7,138 \$         714 \$         6,42           B.1.14.5         WWY         Winding Way         \$         \$         \$         \$           B.1.14.6         Permit Approval by Site         **								\$ 6,424
B.1.14.5       UCLA       UCLA (Factor Building)       \$ 7,138 \$ 714 \$ 6,42         B.1.14.5       WWY       Winding Way       \$ \$ \$         B.1.14.6       Permit Approval by Site         B.1.14.6       BHS       Baldwin Hills County       \$ 2,379 \$ 238 \$ 2,14         B.1.14.6       BKK       BKK Landfill       \$ 2,379 \$ 238 \$ 2,14         B.1.14.6       DPW38       Los Angeles County DPW Water Tank       \$ 2,379 \$ 238 \$ 2,14         B.1.14.6       POM       Pomona Courthouse       \$ 2,379 \$ 238 \$ 2,14         B.1.14.6       RPV1       Rancho Palos Verdes       \$ 2,379 \$ 238 \$ 2,14         B.1.14.6       SMMC       Santa Monica/UCLA Medical Center       \$ 5				1			\$ 714	\$ 6,424
B.1.14.5   WWY   Winding Way   S   S   S   S     B.1.14.6   Permit Approval by Site     B.1.14.6   BHS   Baldwin Hills County   S   2,379   S   238   S   2,14     B.1.14.6   BKK   BKK Landfill   S   2,379   S   238   S   2,14     B.1.14.6   DPW38   Los Angeles County DPW Water Tank   S   2,379   S   238   S   2,14     B.1.14.6   POM   Pomona Courthouse   S   2,379   S   238   S   2,14     B.1.14.6   RPV1   Rancho Palos Verdes   S   2,379   S   238   S   2,14     B.1.14.6   SMMC   Santa Monica/UCLA Medical Center   S   S   S   S     Support				1			\$ 714	\$ 6,424
B.1.14.6         Permit Approval by Site           B.1.14.6         BHS         Baldwin Hills County         \$ 2,379 \$ 238 \$ 2,14           B.1.14.6         BKK         BKK Landfill         \$ 2,379 \$ 238 \$ 2,14           B.1.14.6         DPW38         Los Angeles County DPW Water Tank         \$ 2,379 \$ 238 \$ 2,14           B.1.14.6         POM         Pomona Courthouse         \$ 2,379 \$ 238 \$ 2,14           B.1.14.6         RPV1         Rancho Palos Verdes         \$ 2,379 \$ 238 \$ 2,14           B.1.14.6         SMMC         Santa Monica/UCLA Medical Center         \$ 2,379 \$ 238 \$ 2,14							\$ -	\$
B.1.14.6         BKK         BKK Landfill         \$ 2,379 \$ 238 \$ 2,14           B.1.14.6         DPW38         Los Angeles County DPW Water Tank         \$ 2,379 \$ 238 \$ 2,14           B.1.14.6         POM         Pomona Courthouse         \$ 2,379 \$ 238 \$ 2,14           B.1.14.6         RPV1         Rancho Palos Verdes         \$ 2,379 \$ 238 \$ 2,14           B.1.14.6         SMMC         Santa Monica/UCLA Medical Center         \$ 2,379 \$ 238 \$ 2,14				<u> </u>				
B.1.14.6         DPW38         Los Angeles County DPW Water Tank         \$ 2,379         \$ 238         \$ 2,14           B.1.14.6         POM         Pomona Courthouse         \$ 2,379         \$ 238         \$ 2,14           B.1.14.6         RPV1         Rancho Palos Verdes         \$ 2,379         \$ 238         \$ 2,14           B.1.14.6         SMMC         Santa Monica/UCLA Medical Center         \$         \$         \$								\$ 2,141
B.1.14.6         POM         Pomona Courthouse         \$ 2,379 \$ 238 \$ 2,14           B.1.14.6         RPV1         Rancho Palos Verdes         \$ 2,379 \$ 238 \$ 2,14           B.1.14.6         SMMC         Santa Monica/UCLA Medical Center         \$ \$ \$ \$ \$				-				
B.1.14.6         RPV1         Rancho Palos Verdes         \$ 2,379 \$ 238 \$ 2,14           B.1.14.6         SMMC         Santa Monica/UCLA Medical Center         \$ \$ \$								'
B.1.14.6 SMMC Santa Monica/UCLA Medical Center \$ \$ \$ \$								
							\$	\$ -
B.1.14.6 UCLA UCLA (Factor Building) \$ 2,379 \$ 238 \$ 2,14							\$ 238	\$ 2,141

Deliverable/ Task/ Section No. (Exhibit A, Exhibit B, or Base Document)	Site 1D	Deliverable	Unilateral Option Sum (Notes 3, 5, 6, 7, 8,9)	Credits (Note 11)	Payal for	eract Sum - ble Amount • Phase 1 Notes 3-22)	Amount 10% Holdback			Amount Less Holdback
B.1.14.6	WWY	Winding Way	· C	- <b>S</b> -	-\$	57,102	\$	5,710	\$ \$	51,392
	Subt	otal for Additional Sites (Amendment No. 18)  LMR SYSTEM ADDITIONAL SI	TF (AMENDMI		1 -	37,102	. 3	3,710	3	31,392
B.1.14.5	Site Design Re	eview Packages 75% Zoning Submittal by Site	TE (AMERDM	21(1 1(0, 21)						
B.1.14.5	JPK2	Johnstone Peak - 2			\$	7,138	\$	714	\$	6,424
B.1.14.6	Permit Appro	V	•	•	•		•			
B.1.14.6	JPK2	Johnstone Peak - 2			\$	2,379			\$	2,141
	Subt	total for Additional Site (Amendment No. 21)	TE (AMENIDMI	ENTENO 22	. a	9,517	3	952	3	8,565
B.1.14.5	Site Design D	LMR SYSTEM ADDITIONAL SI eview Packages 75% Zoning Submittal by Site	IE (AMENDMI	LN1 NU. 23)						
B.1.14.5	IND	Industry Water Tank		l	s	7,138	S	714	\$	6,424
B.1.14.5	SPH	San Pedro Hill			\$	7,138		714	\$	6,424
B.1.14.5	UNIV	Universal Studios			\$	7,138		714	\$	6,424
B.1.14.5	LAN	Lancaster			\$	7,138	\$	714	\$	6,424
B.1.14.6	Permit Appro	·		1	T a	2.250	T.e	220		2141
B.1.14.6 B.1.14.6	IND SPH	Industry Water Tank San Pedro Hill	_	1	\$ \$	2,379 2,379		238	\$	2,141 2,141
B.1.14.6	UNIV	Universal Studios			\$	2,379		238	\$	2,141
B.1.14.6	LAN	Lancaster			\$	2,379		238	\$	2,141
		otal for Additional Site (Amendment No. 21)	\$ -	-	\$	38,068		3,807	\$	34,261
D 1 14 C		CORE 1 AND REPEATER SIT	ES (AMENDME	NT NO. 3)	6	11 (45 162	c	1.164.516	¢	10.400.646
B.1.14.6		Core 1 Hardware and Software Core T1 Interface Equipment	-	<del>                                     </del>	\$ • \$	11,645,162 49,878		1,164,516 4,988	\$ \$	10,480,646 44,890
		NMS AC Power			\$	1,308		131	\$	1,177
		FCC License Application Preparation	-		\$	7,500	_	750	\$	6,750
		Remote Site AC Power	-		\$	7,848	\$	785	\$	7,063
B.3.2 to B.3.6		Five DTVRS UHF 11 Channel ASTRO 25 Sites	-		\$	1,144,758		114,476	\$	1,030,282
B.3.2 to B.3.6		Three DTVRS 700 MHz 6 Channel ASTRO 25 Sites	-	-	\$	404,440		40,444	\$	363,996
B.3.2 to B.3.6		Three MCC 7500 Consoles for DTVRS	-	-	\$ \$	197,074	_	19,707	\$	177,367
C.14 C.14		Portable Radio Upgrade Kits (2009 UASI Funds) Portable Radio Upgrade Kits (2010 UASI Funds)		-	· \$	65,800 296,100	_	6,580 29,610	\$	59,220 266,490
C.14		Tortable Radio Opgrade Rits (2010 OASI I unds)			Ψ	270,100	Φ	27,010	Ψ	200,470
B.4.2.3		Installation, Optimization, Staging and Testing for Core 1 and Repeater S	ites -	-	\$	463,818	\$	46,382	\$	417,436
Base.22.3.2		Performance Bond for Core 1 and Repeater Sites			\$	89,801		-	\$	89,801
		Subtotal for Core 1 and Repeater Sites:	\$ -	\$ -	\$	14,373,487	\$	1,428,369	\$	12,945,118
		CORE 2 (AMEND)	MENT NO. 3)							
B.3.2 to B.3.6		Core 2 Hardware	-	-	\$	3,650,360	_	365,036		3,285,324
B.4.2.3 Base.22.3.2		Installation, Optimization, Staging and Testing for Core 2 Performance Bond for Core 2	-	-	\$ \$	301,757 24,663		30,176	\$	271,581 24,663
Base.22.3.2			D C I CUD	(C)	. J	24,003	J.	-	Þ	24,003
	1	LAPDVDC Uninterruptible	Power Supply (UP	(S)			T			
	1	Eaton 9130 2000 Rackmount; 120V, 50/60Hz; 2000VA/1800W	-	-	\$ \$	27,101 12,152		2,710 1,215	\$	24,391 10,937
		Eaton 9130 2000/30000 EBM Rack Two-Post Rack Mounting Rail Kit			\$	3,052	\$	305	\$	2,747
		Racks 7.5 Foot	-		· \$	863			\$	777
		MSI Design and Implementation Services	-		\$	24,978	\$	2,498	\$	22,480
	5	Subtotal for Core 2 and LAPDVDC UPS:	s -	\$ -	\$	4,044,926	\$	402,026	\$	3,642,900
		CORE 2 RELOCATION (A	MENDMENT N	O. 16)						
		Removal and Relocation of Core 2 from LAPDVDC to PLM			-\$	-	\$		\$	-
		Subtotal for Core 2 Relocation:			\$	-	\$	-	\$	-
	ı	SYSTEM ON WHEELS (A	MENDMENT N	(O. 3)	e		6		¢.	
		System on Wheels (SOW) SOW - 95' MAST, 8' X 16' WALK-IN SHELTER	-	-	\$ \$	468,439	\$	46,844	\$	421,595
		DTVRS - ASTRO Site Repeaters (ASR)			\$	408,816		40,882	\$	367,934
		Core Licenses for 700/UHF ASR Sites			· \$	127,748		12,775	\$	114,973
		Mobile Meshed VSAT Satellite System & Installation	-	-	\$	126,233	\$	12,623	\$	113,610
D 22.2.2		MSI Design and Implementation Services		-	\$	81,116		8,112	\$	73,004
Base.22.3.2		Performance Bond for SOW		•	\$	6,345 <b>1,218,697</b>	\$ <b>\$</b>	121,235	\$ <b>S</b>	6,345 <b>1,097,462</b>
		Subtotal for System on Wheels:  STATION B EQUIPMENT (	AMENDMENT	NO 4)	Φ	1,210,09/	Φ	121,235	ų.	1,097,402
		DTVRS - ASTRO Site Repeaters (ASR):	S -	NO. 4)	\$	585,803	¢	58,580	\$	527 222
		700 MHz ASR - 6 Channel (Phase 1/Phase 2)	\$ -	<del>                                     </del>	· \$	202,803	\$	20,280	\$	527,223
		UHF ASR - 11 Channel (Phase 1/Phase 2)	\$ -	l .	\$	-	\$	-	\$	
		Core License Upgrades for ASR Sites	\$ -		\$	149,548	\$	14,955	\$	134,593
	. —	MOTOBRIDGE GX Communication Gateway	\$ -	I	· \$	174,329	\$	17,433	\$	156,896
		·		<u> </u>			_		•	
		MOTOBRIJG GA Communication Gateway Point-To-Point 4.9 GHz Backhaul Mobile Meshed VSAT Satellite System & Installation	\$ - \$ -	-	· \$	26,748 126,233	\$	2,675 12,623	\$	24,073 113,610

Deliverable/ Task/ Section No. (Exhibit A, Exhibit B, or Base Document)	Site ID	Deliverable	Unilateral Option Sum (Notes 3, 5, 6, 7, 8,9)	Credits (Note 11)	Contrac Payable for Ph	Amount ase 1	10% Holdback Amount		yable Amount Less 10% Holdback
		MSI Design and Implementation Services	\$ -	-	\$	99,820		\$	89,838
Base.22.3.2		Performance Bond for Station B Equipment	\$ -	-	\$	6,566		\$	6,566
		Subtotal for Station B Equipment:  PROJECT DESCRIPTIONS FOR BOUNDED AREA CO	VEDACE IN	S -		,169,047	\$ 116,248	\$	1,052,799
T			VERAGE IN	PHASE I (A	MENDM	IENI N	0. 2)		
B.1.14.1		Detailed Project Description for Bounded Area Coverage at the following Sites: (Note 4)							
		Century Plaza	-	-	\$	9,674		\$	8,707
		LAC/HARBOR+UCLA MEDICAL CENTER FS30	-	-	\$ \$	11,674 11,674		\$	10,507 10,507
		FS 51			\$	11,674	\$ 1,167	\$	10,507
		FS 151	-		\$	11,674	\$ 1,167	\$	10,507
		FS 164	-	-	\$	11,674	\$ 1,167	\$	10,507
		FS 173	-	-	\$	11,674		\$	10,507
-		FS 005 FS 079	-	-	\$	11,674 11,674	\$ 1,167 \$ 1,167	\$	10,507 10,507
		FS 0/9		_	\$	11,674	\$ 1,167	\$	10,507
		FS 088			\$	11,674	-,,	s	10,507
		FS 095			\$	11,674	\$ 1,167	\$	10,507
		Carson	-	-	\$	11,674	, , , , ,	\$	10,507
		San Pedro City Hall	-	-	\$	11,674	\$ 1,167	\$	10,507
		West Hollywood Sheriff Station	-	-	\$	11,674		\$	10,507
	Total fo	or Bounded Area Coverage Project Descriptions:	\$ -	\$ -	\$	173,110	\$ 17,311	\$	155,799
		PROJECT DESCRIPTIONS FOR POTENTIAL REPI	LACEMENT S	SITES (AMI	ENDMEN	T NO. 9	<b>9</b> )		
B.1.14.1		Detailed Project Description for Potential Replacement Sites as follows:							
		Airport Courthouse (APC)	-	-	\$	11,674			10,507
		Beverly Hills' Coldwater Canyon Park (BHCCPRK)	-	-	\$	11,674		\$	10,507
		Beverly Glen, Alternate Location (BVG-A)  Cerro Negro (CRN)	-	-	S	11,674 11,674	\$ 1,167 \$ 1,167	\$ \$	10,507 10,507
		LA City Hall East (LAHE)	-		\$	11,674	\$ 1,167	\$	10,507
		Loop Canyon (LPC)	-	-	\$	11,674	\$ 1,167	\$	10,507
		Lower Encinal Pump Station (LAHE)	-	-	\$	11,674	\$ 1,167	\$	10,507
		Mirador (MIR)	-	-	\$	11,674		\$	10,507
-		Point Vicente (PVC) Portshead Tank (PWT)	-	-	\$ \$	11,674		\$	10,507 10,507
		Westlake City Hall (WLK)			\$	11,674 11,674	\$ 1,167	\$	10,507
		Inglewood County Courthouse (ICC)	-	-	\$	11,674	\$ 1,167	\$	10,507
		Pacific Design Center (PDC)	-	-	\$	11,674	\$ 1,167	\$	10,507
		Simpsons' Building (SIM)	-	-	\$	11,674	\$ 1,167	\$	10,507
		Burnt Peak-3 (BUR3)	-	-	\$	11,674	\$ 1,167	\$	10,507
-		Frost Peak (Upper Blue Ridge) (FRP) Grass Mountain (GMT)	-	-	\$ \$	11,674	\$ 1,167 \$ 1,167	\$ \$	10,507
1		Johnstone Peak (JPK-2)	_		\$	11,674	\$ 1,167 \$ 1,167	\$	10,507 10,507
		Josephine Peak (JOP)			\$	11,674	\$ 1,167	\$	10,507
		Magic Mountain (MML)	-	-	\$	11,674			10,507
		Mount Lukens-2 (MTL2)	-	-	\$	11,674			10,507
		Pine Mountain (PMT)	-	-	\$	11,674		_	10,507
		Sunset Ridge-2 (SUN-2)	-	-	\$	11,674	\$ 1,167	\$	10,507
		Helipad 69 Bravo (BRV)	-	-	\$	11,674		_	10,507
		Philip Water Tank (PWT)	-	-	\$	11,674			10,507
		Nicholas Canyon Water Tower (NCWT)	-		\$	11,674	\$ 1,167	\$	10,507
	Total for P	roject Descriptions for Potential Replacement Sites:	\$ -	\$ -	\$	303,524	\$ 30,352	\$	273,172
		PROJECT DESCRIPTIONS FOR POTENTIAL REPLA	ACEMENT SI	TE(S) (AMI	ENDMEN	IT NO. 1	10)		
B.1.14.1		Detailed Project Description for Potential Replacement Site(s) as follows:							
		Agoura Hills (AGH)		-	\$	11,674	\$ 1,167	\$	10,507
	Total for P	roject Descriptions for Potential Replacement Sites:	\$ -	\$ -	\$	11,674		\$	10,507
		PROJECT DESCRIPTIONS FOR POTENTIAL REPLA	ACEMENT SI	TE(S) (AMI	ENDMEN	T NO. 1	11)		
B.1.14.1		Detailed Project Description for Potential Replacement Site(s) as follows:		1				L.	
		Olinda	-	-	\$ \$	11,674 11,674			10,507 10,507
	Total for D	H-17A roject Descriptions for Potential Replacement Sites:	S	\$ -	S	23,348			10,507 <b>21,013</b>
	Total Ioi I	PROJECT DESCRIPTIONS FOR POTENTIAL REPLA	CEMENTS		NDMEN			, , , , , , , , , , , , , , , , , , ,	21,013
D 1 14 1				a-E(o) (AMI		HI NU.			
B.1.14.1		Detailed Project Description for Potential Replacement Site(s) as follows:	<u> </u>	<u> </u>	<u> </u>		<u> </u>	1	

Deliverable/ Task/ Section No. (Exhibit A, Exhibit B, or Base Document)	Site ID	Deliverable	Unilateral Option Sum (Notes 3, 5, 6, 7, 8,9)	Credits (Note 11)	Paya fo	ntract Sum - able Amount or Phase 1 (Notes 3-22)	]	10% Holdback Amount		rable Amount Less 10% Holdback
B.1.14.1	BHS	Baldwin Hills County			\$	11,674	\$	1,167	\$	10,507
B.1.14.1		Baldwin Hills -LA-RICS			-\$		-\$		\$	
B.1.14.1	BKK	BKK Landfill			\$	11,674	\$	1,167	\$	10,507
B.1.14.1 B.1.14.1	CCT LASDTEM	Criminal Court (Foltz)  Los Angeles County Sheriff Temple Station			\$	11,674	\$	1,167	\$ \$	10,507
B.1.14.1	DPW38	Los Angeles County Sherm Temple Station  Los Angeles County Department of Public Works Pump Station 38			\$	11,674	\$	1,167	\$	10,507
B.1.14.1	PLM	Los Angeles County Palmdale Sheriff Station			\$	11,674	\$	1,167	\$	10,507
B.1.14.1	POM	Pomona Courthouse			\$	11,674	\$	1,167	\$	10,507
B.1.14.1	SPH	San Pedro Hill County			\$	11,674	\$	1,167	\$	10,507
B.1.14.1	UNIV	University of California Los Angeles			\$	11,674	\$	1,167	\$	10,507
B.1.14.1	VPK	Verdugo Peak			\$	11,674	\$	1,167	\$	10,507
	Total for Pi	roject Descriptions for Potential Replacement Sites:	\$ -	\$ -	\$	105,066	\$	10,507	\$	94,559
		PROJECT DESCRIPTION FOR POTENTIAL REPLA	ACEMENT S	ITE (AMEN	IDMI	ENT NO. 16	)			
		LACF134			-\$	-	- \$	-	- \$	
		Total for System Redesign:			\$	-	\$	-	\$	
		PROJECT DESCRIPTION WORK	(AMENDME	NT NO. 18)		44.451				10.00
	RPV1 SMMC	Rancho Palos Verdes Santa Monica/UCLA Medical Center			\$	11,674	\$	1,167	\$	10,507
	UCLA	UCLA (Factor Building)			-\$	_	\$	_	\$	
	WWY	Winding Way			\$	11,674	\$	1,167	\$	10,507
	****1	Total for Project Description Work:			\$	23,348		2,335	\$	21,013
		LICENSE COORDINATION FEES FOR REPEA	TED CITES	(AMENDM	FNT		Ė	,,,,,		74
		License Coordination Fees	ATEK SITES	(AMENDM	_		¢		¢.	20.240
			-	_	\$	20,240		-	2	20,240
		Total for License Coordination Fees:	\$ -	\$ -	\$	20,240	\$	-	\$	20,240
		PORTABLE RADIO EQUIPMENT, CONSOLETTE	s, & CONSO	LES (AMEN	NDMI	ENT NO. 7)				
		APX 7000XE Portable Radios (450 Dual Band with UHF and 700 MHz Enabled and 150 Dual Band with UHF and VHF MHz Enabled) (Total Quantity 600) and Radio Accessories - Refer to Amendment 7, Attachment A.1, for specifications and a detailed cost breakdown  Subscriber Maintenance for 600 APX 7000XE Portable Radios Beyond		-	\$	4,459,044	\$		\$	4,459,044
		Initial 5 Year Warranty Period (Year 6, Year 7, Year 8 at \$37,800 per year) (Service from the Start - LITE)			•				-\$	
		APX Consolette/APX 7500 Control Station - Refer to Amendment 7, Attachment A.2, for specifications and a detailed cost breakdown.	-	_	\$	216,215	\$	-	\$	216,215
		Subscriber Maintenance for 20 APX7500 Control Stations Beyond the Initial 5 Year Warranty Period (Year 6, Year 7, Year 8 at \$1,908 per year) (Service from the Start – LITE)			\$		- \$		\$_	
		Subscriber Maintenance for 10 APX 7500 Consolettes Beyond the Initial 5- Year Warranty Period (Year 6, Year 7, Year 8 at \$954 per year) (Service- from the Start - LITE)			\$		<u>\$</u>	_	- <u>\$</u>	
		MC7500 Console - Refer to Amendment 7, Attachment A.3, for specifications and a detailed cost breakdown.	_	_	\$	354,313	\$	_	\$	354,313
		Bridge Warranty for NMS & Console Equipment - Refer to Amendment 7,			Ψ	334,313	Ψ		Ψ	334,313
		Attachment A.3, for specifications and a detailed cost breakdown.			\$	_	\$		\$	
	Total for Po	ortable Radio Equipment, Consolettes, & Consoles:	\$ -	\$ -	\$	5,029,572	\$	-	\$	5,029,572
		PORTABLE RADIO EQUIPMENT	(AMENDME	NT NO. 8)						
		APX 7000XE Portable Radios (400 Dual Band with UHF and 700 MHz Enabled and 54 Dual Band with UHF and VHF MHz Enabled) (Total Quantity 454) and Radio Accessories - Refer to Amendment 8, Attachment A, for specifications and a detailed cost breakdown	-	_	\$	3,571,755	\$	-	s	3,571,755
		Subscriber Maintenance for 454 APX 7000XE Portable Radios Beyond Initial 5 Year Warranty Period (Year 6, Year 7, Year 8 at \$28,602 per year) (Service from the Start - LITE)			<u>\$</u>	_	<u>\$</u>		<del>-</del> \$	
		Performance Bond for Portable Radio Equipment	-	-	\$	13,445	\$	-	\$	13,445
		Total for Portable Radio Equipment:	\$ -	\$ -	\$	3,585,200	\$	-	\$	3,585,200
		POWER LOAD STUDY COSTS (A	MENDMEN	T NO. 10)						
2.2.16		Power Load Study Cost(s)								
		Airport Courthouse (APC)			\$	8,425	\$	-	\$	8,425
		Inglewood Courthouse (ICC)			\$	8,425			\$	8,425
		Total for Power Load Study Costs:	\$ -	\$ -	\$	16,850	\$	-	\$	16,850
		FCC LICENSING (AMENI	MENT NO. 1	12)						
		2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		<u>,                                      </u>						

Deliverable/ Task/ Section No. (Exhibit A, Exhibit B, or Base Document)	Site ID	Deliverable	Unilateral Option Sum (Notes 3, 5, 6, 7, 8,9)	Credits (Note 11)	Contract Sum - Payable Amount for Phase 1 (Notes 3-22)	10% Holdback Amount	Payable Amount Less 10% Holdback
		Licensing all LMR Subsystem Frequencies at all LMR Subsystem Sites	-	-	\$ 51,348		\$ 46,213
		RF Engineering Services	-	-	\$ 73,728 \$ 14,000	\$ 7,373 \$ 1,400	\$ 66,355 \$ 12,600
		Project Manangement Services for FCC Licensing  Total for FCC Licensing:		-	\$ 14,000 <b>\$ 423,117</b>	\$ 1,400 <b>\$ 42,312</b>	\$ 12,600 \$ 380,805
		SPECIFIED EQUIPMENT BRIDGE WARR	ANTV (AME	NDMENT	-	42,512	3 300,003
		SOW SOW	ANTI (AMI		\$ -	S -	\$
		UHF Stations		_	\$	-\$	- \$
		700 MHz Stations		_	-\$	\$ -	-
		Satellite Terminal			\$ -	\$ -	-
		PTP800 Backhaul	-	-	<u>\$</u>	-\$	- \$
		Motobridge	-	-	<u>\$</u>	<u>\$</u>	- <del>\$</del>
		Station B UHF Stations			\$ -	- <del>\$</del> -	\$ -
		700 MHz Stations			\$ -	\$ -	\$ -
		Trailer			\$ -	\$ -	\$ -
	_	Satellite Terminal	-	-	\$ -	\$ -	\$
		PTP800 Backhaul			\$ -	\$ -	- \$
		Motobridge Early Equipment Shipment	-	-	<u>s</u> -	\$ - \$	- \$
		Early Equipment Shipment Core 1 & Repeater Sites			<u> </u>	\$ -	- \$ -
		Core 2 Equipment			\$ -	- S	\$ -
Base.22.3.2		Performance Bond for Specified Equipment Bridge Warranty			\$ -	\$ -	\$ -
	Tota	Il for Specified Equipment Bridge Warranty:			\$	<del>-</del> \$	-
		PORTABLE RADIO EQUIPMENT	AMENDME	NT NO. 12)			
		APX 7000XE Portable Radios (40 Dual Band with UHF and 700 MHz Enabled ) (Total Quantity 40) and Radio Accessories — Refer to Amendment 7, Attachment A, for specifications and a detailed cost breakdown			\$	. \$	. \$
		Subscriber Maintenance for 40 APX 7000XE Portable Radios Beyond Initial 5 Year Warranty Period (Year 6, Year 7, Year 8 at \$2,520 per year) (Service-from the Start – LITE)			-\$	\$	\$
		APX 7500 Console and (Dual Band with UHF and 700 MHz Enabled) (Total Quantity 4) and Remote Control HD/CHIB Replacement - Refer to Amendment 12, Attachment A, for specifications and a detailed cost- breakdown		_	<u>\$</u>	\$	
		APX 7500 Control Station (Dual Band with UHF and 700 MHz Enabled) (Total Quantity 1) - Refer to Amendment 12, Attachment A, for specifications and a detailed cost breakdown			\$	. \$	
		Subscriber Maintenance for 4 APX 7500 Consoles and 1 APX 7500 Control Station Beyond the Initial 5 Year Warranty Period (Year 6, Year 7, Year 8 at \$477 per year) (Service from the Start - LITE)			\$ -	\$	. \$
		Total for Portable Radio Equipment			\$ -		\$ -
		LEASE EXHIBIT (AMEND	MENT NO. 1	13)			
		Baldwin Hills			\$ -	-\$	\$
		Black Jack Peak			\$ -	<u>\$</u>	
		Bald Mountain Compton Court Building			<u>\$</u>	<u>s</u> -	<u> </u>
		Claremont			\$ -	\$ -	\$ -
		Castro Peak			\$ -	\$ -	\$ -
		<del>Dakin Peak</del>			\$ -	\$ -	-\$
		Encinal 1 (Fire Camp)			\$ -	-\$	-
		L.A. County Fire Command			<u>\$</u>	- \$	- \$ -
		Green Mountain			-		- \$
		Hauser Peak Mira Loma Facility			<u>\$</u>	- <del>S</del> -	· <del>\$</del>
		Mount McDill			\$ -	- S	-\$
		Monte Vista (Star Center)			\$ -	\$ -	\$ -
		Oat Mountain			\$ -	-\$	- \$
		Oat Mountain Nike			-	- \$	- \$
		Puente Hills			\$ -	\$ -	- \$
		Pomona 1620 Hillcrest  Polling Hills Transmit				- \$	- \$
		Rolling Hills Transmit Rio Hondo			<u>\$</u>	- <del>\$</del> -	· <del>\$</del>
		San Dimas			\$ -	- S	- \$ -
		Signal Hill			\$	\$ -	\$ -
				l			
		Saddle Peak			\$	-\$	-\$

Deliverable/ Task/ Section No. (Exhibit A, Exhibit B, or Base Document)	Site ID	Deliverable	Unilateral Option Sum (Notes 3, 5, 6, 7, 8,9)	Credits (Note 11)	Contract Sum - Payable Amount for Phase 1 (Notes 3-22)	10% Holdback Amount	Payable Amount Less 10% Holdback
		Tejon Peak			-\$	-\$	\$ -
		Tower Peak			\$ -	\$ -	\$ -
		100 Wilshire			-\$	-\$	\$
		Airport Courthouse			\$ -	\$ -	\$ -
		Olinda			-\$	-\$	-\$
		Total for Lease Exhibit			<u>\$</u>	<u>s</u>	\$
		STATION B & SOW REPROGRAMMI	NG (AMEND	MENT NO.	14)		
		Equipment			\$ 15,260		\$ 15,260
		MSI Design and Implementation Services			\$ 43,848		\$ 43,848
		Special Temporary Authority			\$ 5,148		\$ 5,148
		Total for Station B & Sow Reprogramming	•		\$ 64,256	\$ -	\$ 64,256
		SYSTEM REDESIGN (AME)	NDMENT NO	. 16)			
		LMR System Redesign			\$ 1,054,440	\$ -	\$ 1,054,440
		Total for System Redesign:			\$ 1,054,440	\$ -	\$ 1,054,440
		3D MODELING (AMEND	MENT NO. 2	0)			
		3D Modeling			\$ 6,534	\$ 653	\$ 5,881
		Total for Phase 3 Credits:			\$ 6,534	\$ 653	\$ 5,881
	ADA	PTERS FOR DISPATCHER HEADSETS FOR COMPATABL	LITY WITH	CONSOLET	TES (AMENDM	IENT NO. 23)	
		Adapters for Dispatcher Headsets for Compatability with Consolette Desk-Radios (6 at \$158 Each)			\$	- \$	- \$
Total for A	dapters for Di	spatcher Headset for Compatability with Consolette Desk Radios:			\$ -	\$ -	\$ -
	LA-RIC	S Uninterruptible Power Supply (UPS) EQUIPMENT REMO	VAL (AMENI	DMENT NO	. 34 and AMENI	MENT NO. 35	
		Removal of LA-RICS UPS equipment located at the LAPDVDC site			\$ 6,611	\$ -	\$ 6,611
Total	for LA-RICS	Uninterruptible Power Supply (UPS) Equipment Removal:			\$ 6,611	\$ -	\$ 6,611
		Early Deployment/Specified Equipment Bridge Warr	anty Extensio	n (AMEND	MENT NO. 34)		
		Bridge Warranty Extension for the Early Deployment/Specified Equipment			<u>\$</u>	- \$	- \$
	, ,	oloyment/Specified Equipment Bridge Warranty Extension:			\$ -	\$ -	\$ -
<b>Total for Phase 1</b>	- System De	sign	\$ -	\$ -	\$ 41,632,564	\$ 3,117,075	\$ 38,515,489

Note 1: Should a Site fall out for permitting reasons, Contractor will redo the Final System Design at no charge to the Authority,

Note 2: 75% will occur at submittal for planning review. The remaining 25% will be paid upon receipt of construction permit.

Note 3: Pursuant to Amendment No. One, effective as of September 5, 2013, the Authority exercised the Unilateral Option for all work pertaining to Phase 1. In connection therewith, the Unilateral Option Sum for Phase 1 of \$29,266,721 was converted into a Contract Sum.

Note 4: Pursuant to Amendment No. Two, effective as of October 29, 2013, the Authority exercised the Unilateral Option for all work pertaining to Bounded Area Coverage Project Descriptions for Phase 1. In connection therewith, the Unilateral Option Sum for Bounded Area Coverage Project Descriptions for Phase 1 in the amount of \$173, 110 was converted into a Contract Sum. 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. The balance of the remaining Unilateral Option Sum for Bounded Area Coverage Additive Alternate is reflected in Exhibit C.7 (Bounded Area Coverage Additive Alternate).

Note 5: Pursuant to Amendment No. Three, effective as of December 19, 2013, (a) Contractor's provision and implementation of certain equipment reflected in Exhibit C.2 (Schedule of Payments Phase 1 – System Design) to Exhibit C (Schedule of Payments), as amended by Amendment No. Three, was moved from Phases 3 and 4 to Phase 1; and (b) Contractor was engaged to provide and implement under Phase 1, certain additional equipment reflected in Exhibit C.2 (Schedule of Payments Phase 1 - System Design) to Exhibit C (Schedule of Payments), as amended by Amendment No. Three, (the equipment described in clauses (a) and (b) is collectively referred to as the "Specified

Implementation) to Exhibit C (Schedule of Payments) to Schedule C.2 (Schedule of Payments Phase 1 - System Design) to Exhibit C (Schedule of Payments), as amended by Amendment No. Three, and thereafter such Unilateral Option Sum was converted to a Contract Sum; and (ii) a Unilateral Option Sum in the amount of \$1,285,230 was added to Schedule C.2 (Schedule of Payments Phase 1 – System Design) to Exhibit C (Schedule of Payments), as amended by Amendment No. Three, and thereafter such Unilateral Option Sum was converted to a Contract Sum.

Note 6: Pursuant to Amendment No. Four, effective as of December 19, 2013, Contractor was engaged to provide and implement under Phase 1, certain additional equipment and related services reflected in Exhibit C.1 (Schedule of Payments), as amended by Amendment No. Four. In connection therewith, a Unilateral Option Sum in the amount of \$1,169,047 was added to Exhibit C.1 (Schedule of

Payments Phase 1 - System Design) to Exhibit C (Schedule of Payments), as amended by Amendment No. Four, and thereafter such Unilateral Option Sum was converted to a Contract Sum.

Note 7: Pursuant to Amendment No. Five, effective as of March 27, 2014, license coordination fees for the Repeater Sites were reflected in Exhibit C.1 (Schedule of Payments Phase 1 - System Design) to Exhibit C (Schedule of Payments), as amended by Amendment No. Five. In connection therewith, a Unilateral Option Sum in the amount of \$20,240 was added to Exhibit C.1 (Schedule of Payments Phase 1 - System Design) to Exhibit C (Schedule of Payments), as amended by Amendment No. Five, and thereafter such Unilateral Option Sum was converted to a Contract Sum.

Note 8: Pursuant to Amendment No. Six, effective as of April 17, 2014, the enhancement of LAPDVDC's UPS to accommodate the installation and deployment of Core 2 was reflected in Exhibit C.1 (Schedule of Payments Phase 1 System Design) to Exhibit C (Schedule of Payments), as amended by Amendment No. Six. In connection therewith, a Unilateral Option Sum in the amount of \$68,146 was added to Exhibit C.1 (Schedule of Payments Phase 1 – System Design) to Exhibit C (Schedule of Payments), as amended by Amendment No. Six, and thereafter such Unilateral Option Sum was converted to a Contract Sum.

Note 9: Pursuant to Amendment No. Seven, effective as of May 8, 2014, Exhibit C.1 (Schedule of Payments Phase 1 - System Design) to Exhibit C (Schedule of Payments) was revised to reflect the costs for the purchase of portable radios, radio accessories, consolettes, and consoles. In connection therewith, a Unilateral Option Sum in the amount of \$5,177.051 was added to Exhibit C.1 (Schedule of Payments Phase 1 - System Design) to Exhibit C (Schedule of Payments), as amended by Amendment No. Seven, and thereafter such Unilateral Option Sum was converted to a Contract Sum.

Note 10: Pursuant to Amendment No. Eight, effective as of August 28, 2014, Exhibit C.1 (Schedule of Payments Phase 1 - System Design) to Exhibit C (Schedule of Payments) was revised to reflect the costs for the purchase of portable radios and radio accessories. In connection therewith, a Unilateral Option Sum in the amount of \$3,671,006 was added to Exhibit C.1 (Schedule of Payments Phase 1 – System Design) to Exhibit C (Schedule of Payments), as amended by Amendment No. Eight, and thereafter such Unilateral Option Sum was converted to a Contract Sum.

Note 11: Pursuant to Amendment No. Nine, effective November 19, 2014, the Authority removed 1 LMR System Site for Phases 1 through 4. As such, Credits were realized in the amount of \$646,001. However, the cost for preparing Project Descriptions for 26 potential replacement sites in the amount of \$303,524 was utilized in Phase 1. As such, the remaining Credit balance of \$342,477 is reserved for use for a future replacement site.

Note 12: Pursuant to Amendment No. Ten, effective February 17, 2015, Exhibit C.1 (Schedule of Prices - System Design) was amended by Amendment No. 10 to reflect the conversion of Unilateral Option Sum to Contract Sum for (a) the addition of five (5) LMR System Sites; (b) the removal of four (4) sites; (c) Project Description Work for one (1) potential sites; and (d) the cost of power load studies for two (2) sites.

Note 13: Pursuant to Amendment No. Eleven, effective April 28, 2015. Exhibit C.1 (Schedule of Prices - System Design) was amended by Amendment No. 11 to reflect Project Description Work for two (2) potential sites.

Note 14: Pursuant to Amendment No. Twelve, effective August 27, 2015, Exhibit C.1 (Schedule of Prices - System Design) was amended by Amendment No. 12 to reflect the shifting of FCC Licensing costs from Phase 3 in the amount of \$284,041; increasing the FCC Licensing costs for enhanced scope by \$139,076; including costs for a bridge warranty for Specified Equipment in the amount of \$647,533; and purchasing portable radio equipment in the amount of \$386,234.

Deliverable/ Task/ Section No. (Exhibit A, Exhibit B, or Base Document)	Site ID	Deliverable	Unilateral Option Sum (Notes 3, 5, 6, 7, 8,9)	Credits (Note 11)	Contract Sum - Payable Amount for Phase 1 (Notes 3-22)	10% Holdback Amount	Payable Amount Less 10% Holdback
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Note 15: Pursuant to Amendment No. Thirteen, effective October 30, 2015, Exhibit C.2 (Schedule of Prices - System Design) was amended by Amendment No. 13 to reflect the addition of lease exhibits to twenty-nine (29) LMR System Sites for a total cost of \$14.888.

Note 16: Pursuant to Amendment No. Fourteen, effective November 17, 2015, Exhibit C.2 (Schedule of Prices - System Design) was amended by Amendment No. 14 to reflect the work related to reprogramming of UHF frequencies for the County of Los Angeles Sheriff's Department' Station B and the Authority's System On Wheels for a total of \$64,256.

Note 17: Pursuant to Amendment No. Fifteen effective December 22, 2015, Exhibit C.1 (Schedule of Prices - System Design) was amended by Amendment No. 15 to reflect Project Description Work for eleven (11) potential sites, for a total cost of \$128,414.

Note 18: Pursuant to Amendment No. Sixteen effective December 23, 2015, Exhibit C.1 (Schedule of Prices - System Design) was amended by Amendment No. 16 to reflect (a) removal of thirty-one (31) LMR System Sites resulting in credits in the amount of \$1,132,374 for Phase 1 only; (2) addition of seventeen (17) LMR System Sites in the amount of \$635,537 which will be taken from the credited amount of \$1,132,374, bringing the total amount of credits down to \$363,599 (inclusive of Phase 1 Work performed for 75% drawings and building permits in the amount of \$1332,338) and shall be reflected in the Whitaker Middle Peak site in Phase 3; (c) account for a comprehensive redesign of the LMR System and all associated Work for an increase in the amount of \$1,054,440; and (d) reflect the removal, relocation, and deployment of the LMR System Core 2 equipment from Los Angeles Police Department Valley Dispatch Center (LAPDVDC) to Palmdale Sheriff Station (PLM) and necessary associated Work in the amount of \$499,912.

Note 19: Pursuant to Amendment No. Seventeen, four (4) LMR System Sites were removed from further consideration and two (2) LMR System Sites were included as part of the LMR System. In connection therewith, Unilateral Option Sums were converted into Contract Sums.

Note 20: Pursuant to Amendment No. Eighteen, eight (8) LMR System Sites were added and included as part of the LMR System. In connection therewith, Unilateral Option Sums for the eight (8) LMR System Sites were converted into Contract Sums. Also, Project Description Work was performed on four (4) of the eight (8) LMR System Sites added to Amendment No. Eighteen.

Note 21: Pursuant to Amendment No. Nineteen, one (1) LMR System Site was removed from further consideration in Phases 1-4. Also, two (2) LMR System Sites were reconciled in Phases 2-4.

Note 22: Pursuant to Amendment No. Thurty-Two, two (2) LMR System Site was removed from further consideration in Phases 1-4.

Deliverable/						Phase 2 Total		
Task/ Section No. (Exhibit A, Exhibit B, or Base Document)	Site ID	<b>Deliverable</b> (Refer to Site Development Matrix in Exhibit B for further detailes on the capacity and sizes of site components)	Qty.	Unilateral Option Sum Incuding Project Management	Credits (Note 1)	Contract Sum - Payable Amount for Phase 2 (Note 1,2,3,4,5)	10% Holdback Amount	Payable Amount Less 10% Holdback
B.2.2		Site Construction						
B.2.2	BAH	Baldwin Hills		\$ -	\$ -	\$ -	\$ -	\$ -
B.2.2	BJM	Black Jack Peak		\$ -	\$ -	\$ 1,064,006	\$ 106,401	\$ 957,605
B.2.2	BMT	Bald Mountain		\$ -	\$ -	\$ 453,781	\$ 45,378	\$ 408,403
B.2.2	BRK	Blue Rock		\$ -	\$ -	\$ -	\$ -	\$ -
B.2.2	BUR	Burnt Peak		\$ -	\$ -	\$ -	\$ -	\$ -
B.2.2 B.2.2	BVG	Beverly Glen		\$ -	\$ -	\$ -	\$ -	\$ -
B.2.2 B.2.2	CCB CEP	Compton Court Building		\$ - \$ -	\$ - \$ -	\$ 451,517 \$ -	\$ 45,152 \$ -	\$ 406,365 \$ -
B.2.2	CLM	Century Plaza Claremont		\$ -	\$ -	\$ 7,780	\$ - \$ 778	\$ 7,002
B.2.2	CPK	Castro Peak		\$ -	\$ -	\$ 641,071	\$ 64,107	\$ 576,964
B.2.2	DPK	Dakin Peak		\$ -	\$ -	\$ 1,036,474	\$ 103,647	\$ 932,826
B.2.2	ELSGDPD	El Segundo PD		\$ -	\$ -	\$ 1,030,474	\$ 103,047	\$ 732,820
B.2.2	ENC1	Encinal Fire Camp		\$ -	\$ -	\$ (0)	\$ (0)	\$ (0)
B.2.2	GRM	Green Mountain		\$ -	\$ -	\$ 625,114	\$ 62,511	\$ 562,603
B.2.2	HPK	Hauser Peak		\$ -	\$ -	\$ 599,484	\$ 59,948	\$ 539,536
B.2.2	JPK.	Johnstone Peak		\$	\$ -	\$ 0	\$ 0	\$ 0
B.2.2	LACF028	FS 28		\$ -	\$ -	\$ -	\$ -	\$ -
B.2.2	LACF056	FS-56		\$ -	\$ -	\$ -	\$ -	\$ -
B.2.2	LACF071	FS-71		\$ -	\$ -	\$ -	\$ -	\$ -
B.2.2	LACF072	FS 72			\$ -	\$ 524,184	\$ 52,418	\$ 471,766
B.2.2	LACF077	FS 77		\$ -	\$ -	\$ -	\$ -	\$ -
B.2.2	LACF084	LACF84		\$ -	\$ -	\$ -	\$ -	\$ -
B.2.2	LACF091	FS 91		\$ -	\$	\$	\$	\$
B.2.2	LACF099	FS99		\$ -	\$ -	\$ -	\$ -	\$ -
B.2.2	LACF119	FS 119		\$ -	\$ -	\$ -	\$ -	\$ -
B.2.2	LACF144	FS 144		\$ -	\$ -	\$ -	\$ -	\$ -
B.2.2	LACF149	FS 149		\$ -	\$ -	\$ -	\$ -	\$ -
B.2.2	LACF157	FS-157		\$ -	\$ -	\$ -	\$ -	\$ -
B.2.2	LACF196	FS 169		\$ -	\$ -	\$ -	\$ -	\$ -
B.2.2	LACFCP09  LACFDEL	Los Angeles County Fire Departmental Del		\$ -	\$ -	\$ -	\$ -	\$ -
B.2.2 B.2.2	TAIL	Valle Training Camp  LA City Hall		\$ -	\$ - \$ -	\$ 414,671 \$ -	\$ 41,467 \$ -	\$ 373,204
B.2.2	<del>LAH</del> <del>LBR</del>	Lower Blue Ridge		\$ -	\$ -	\$ - \$ -	Φ.	\$ -
B.2.2	LDWP243	DWP Sylmar Water Ladder		\$ -	\$ -	\$ 213.691	\$ 16,923	\$ 196,768
B.2.2	MAM	Magic Mountain		\$ -	\$ -	\$ -	\$ 10,923	\$ -
B.2.2	MDI	Mount Disappointment		\$ -	\$ -	\$ 770.946	\$ 77.095	\$ 693,851
B.2.2	MLE	Mount Lee		\$ -	\$ -	\$ 0	\$ 77,073	,
B.2.2	MLM	Mira Loma Facility		\$ -	\$ -	\$ 574,787	\$ 57,479	\$ 517,308
B.2.2	MMC	Mount McDill		\$ -	\$ -	\$ 735,075	\$ 73,507	\$ 661,567
B.2.2	MTL	Mount Lukens		\$ -	\$ -	\$ -	\$ -	\$ -
B.2.2	MTT	Mt Thom		\$ -	\$ -	\$ -	\$ -	\$ -
B.2.2	MTW	Mount Washington		\$ -	\$ -	\$ -	\$ -	\$ -
B.2.2	MVS	Monte Vista (Star Center)		\$ -	\$ -	\$ 312,077	\$ 31,208	\$ 280,870
B.2.2	OAT	Oat Mountain OAT		\$ -	\$ -	\$ 507,627	\$ 50,763	\$ 456,864
B.2.2	OMC	Oat Mountain OMC		\$ -	\$ -	\$ -	\$ -	\$ -
B.2.2	ONK	Oat Mountain Nike		\$ -	\$ -	\$ 544,369	\$ 54,437	\$ 489,932
B.2.2	PHN	Puente Hills		\$ -	\$ -	\$ 205,959	\$ 20,596	\$ 185,363
B.2.2	PRG	Portal Ridge		\$ -	\$ -	\$ 739,261	\$ 73,926	
B.2.2	PSH	Pomona 1620 Hillcrest		\$	\$	\$	\$	\$
B.2.2	RDNBPD	Redondo Beach PD		\$ -	\$ -	\$ -	\$ -	\$ -
B.2.2	RHT	Rolling Hills Transmit		\$ -	\$ -	\$ 735,910	\$ 73,591	\$ 662,319
B.2.2	RIH	Rio Hondo		\$ -	\$ -	\$ 755,872	\$ 75,587	\$ 680,285
B.2.2	RPVE001	Rancho Palos Verde City Hall		\$ -	\$ -	\$ -	\$ -	\$ -
B.2.2	SAG	San Augustine		\$ -	\$ -	\$ -	\$ -	\$ -

Deliverable/						]	Ph	ase 2 Total				
Task/ Section No. (Exhibit A, Exhibit B, or Base Document)	Site ID	Deliverable (Refer to Site Development Matrix in Exhibit B for further detailes on the capacity and sizes of site components)	Qty.	Unilateral Option Sum Incuding Project Management		Credits (Note 1)		ontract Sum - Payable Amount for Phase 2 (Note 1,2,3,4,5)	1	0% Holdback Amount		Payable ount Less 10% Holdback
B.2.2	SDW	San Dimas		\$ -	\$	-	\$	679,371	\$	67,937	\$	611,434
B.2.2	SGH	Signal Hill		\$ -	\$	-	\$	350,623	\$	35,062	\$	315,561
B.2.2	SPC	San Pedro Hill		\$ -	\$	-	\$	-	\$	-	\$	-
B.2.2	SPN	Saddle Peak		\$	\$	_	\$	110.025	\$	11.002	\$	107.042
B.22 B.2.2	MCI SUN	MCI		Ф.	\$		\$	119,825	\$	11,983	\$	107,843
B.2.2	SVP	Sunset Ridge San Vicente Peak		\$ -	\$	-	\$	<del>(0)</del>	\$ \$	(0)	\$	(0)
B.2.2	SWP	Southwest Area Station		\$ -	\$	-	\$		\$	-	\$	-
B.2.2	TOP	Topanga Peak		\$ -	\$	-	\$	406,568	\$	40,657	\$	365,911
B.2.2	TPK	Tejon Peak		\$ -	\$		\$		\$	59,072	\$	531,648
B.2.2	TWR	Tower Peak		\$ -	\$		\$		\$	101,937	\$	917,433
B.2.2	VPC	Verdugo Peak (city)		\$ -	\$		\$	1,017,570	\$	101,757	\$	717,733
B.2.2	WAD	Walker Drive		\$ -	\$	_	\$	_	\$	_	\$	_
B.2.2	WMP	Whitaker Middle Peak		\$ -	\$	_	\$	591,434	\$	59,143	\$	532,291
B.2.2	WS1	100 Wilshire		\$	\$	_	\$		\$	37,173	\$	332,271
B.2.2	WTR	Whitaker Ridge		\$ -	\$	_	\$	629,583	\$	62,958	\$	566,625
B.2.2	LAPD077	77TH Street Area Complex		\$ -	\$	_	\$	-	\$	-	\$	-
B.2.2	LAPDDVN	Devonshire Area station		\$ -	\$	_	\$	_	\$	_	\$	_
B.2.2	FCCF	L A County Fire Command		\$ -	\$	_	\$	186,715	\$	_	\$	186,715
B.2.2	LAPDVDC	Valley Dispatch Center		\$ -	\$	-	\$	_	\$	-	\$	-
Subtotal for S	Site Constructi	on and Modifications Site Detail		\$ -	\$	-	\$	16,487,864	\$	1,625,669	\$	14,862,195
		ADDITIONA	AL SITE	S (AMENDME	ENT	「NO. 10)		, ,				
B.2.2		Site Construction										
B.2.2	APC	Airport Courthouse		\$ -	\$	_	\$	152,578	\$	15,258	\$	137,320
B.2.2	BCHCPRK	Beverly Hills' Coldwater Canyon Park		\$ -	\$	_	\$	-	\$	-	\$	-
B.2.2	LACF136	FS 136		\$ -	\$	-	\$	-	\$	-	\$	-
B.2.2	LAHE	LA City Hall East		\$ -	\$	-	\$	-	\$	-	\$	_
B.2.2	<del>OLI</del>	Olinda		\$	\$	_	\$	_	\$		\$	_
Subtotal for A	Additional Site	s (Amendment No. 10)		\$ -	\$	-	\$	152,578	\$	15,258	\$	137,320
		ADDITION	AL SITE	S (AMENDME	ENT	NO. 17)						
B.2.2		Site Construction										
B.2.2	AGH	Agoura Hills		\$ -	\$	_	\$	532,096	\$	53,210	\$	478,886
B.2.2	BUR1	Burnt Peak 1		\$ -	\$	-	\$	720,568	\$	72,057	\$	648,511
B.2.2	CCT	Criminal Court (Foltz)		\$ -	\$	-	\$	555,734	\$	55,573	\$	500,161
B.2.2	CRN	Cerro Negro		\$ -	\$	-	\$	557,562	\$	55,756	\$	501,806
B.2.2	FRP	Frost Peak (Upper Blue Ridge)		\$ -	\$	-	\$	760,736	\$	76,074	\$	684,662
B.2.2	GMT	Grass Mountain		\$ -	\$	-	\$	1,581,819	\$	158,182	\$	1,423,637
B.2.2	H-17A	H-17 Helipad		\$	\$		\$	<u>_</u>	\$		\$	<u>-</u>
B.2.2	LARICSHQ	LA-RICS Headquarters		\$ -	\$	-	\$	27,508	\$	2,751	\$	24,757
		Los Angeles County Sheriff's Department										
B.2.2	LASDTEM	Temple Station		\$ -	\$	-	\$	297,580	\$	-	\$	297,580
B.2.2	LPC	Loop Canyon		\$ -	\$	-	\$		\$	47,550	\$	427,948
B.2.2	LEPS	Lower Encinal Pump Station		\$ -	\$	-	\$		\$	-	\$	-
B.2.2	MIR	Mirador		\$ -	\$	-	\$		\$	37,866	\$	340,790
B.2.2	MML	Magic Mountain Link		\$ -	\$	-	\$		\$	75,865	\$	682,785
B.2.2	MTL2	Mount Lukens 2		\$ -	\$	-	\$		\$	81,822	\$	736,398
B.2.2	PDC	Pacific Design Center  Los Angeles County Sheriff's Department		\$	\$		\$		\$		\$	
D 2 2	DIM			¢	ø		ø	212 651	ď	21 265	¢	101 207
B.2.2 B.2.2	PLM PMT	Palmdale Station Pine Mountain		\$ - \$ -	\$ \$	-	\$		\$ \$	21,265	\$ \$	191,386
B.2.2 B.2.2	PMT PWT	Pine Mountain Portshead Tank		\$ - \$	\$	-	\$ \$	, -,	_	122,633	•	1,103,701
B.2.2	VPK	Verdugo Peak County)		\$ -	\$		\$		\$ \$	68,272	\$ \$	614,452
		s (Amendment No. 17)		\$ -	\$	-	\$		\$	928,876	\$	8,657,460
Subtotal for P	-aarronal Sitt	Project Management	Included	φ -	\$	-	\$		\$	920,070	\$	0,037,400
Base.22.3.2		Performance Bond	1	\$ -	\$		\$		\$		\$	193,803
2450.22.3.2			1	Ψ -	Φ	-	φ	173,003	Φ	-	ψ	173,003

Deliverable/						Phas	e 2 Total				
Task/ Section No. (Exhibit A, Exhibit B, or Base Document)	Site ID	Deliverable (Refer to Site Development Matrix in Exhibit B for further detailes on the capacity and sizes of site components)	Qty.	Unilateral Option Sum Incuding Project Management	Credits (Note 1)	Ar	tract Sum - Payable mount for Phase 2 (Note 1,2,3,4,5)		9% Holdback Amount	I	Payable unt Less 10% Holdback
		Materials and Labor Bond	Included	\$ -	\$ -	\$	-	\$	-	\$	-
		Total Lease Costs		N/A	\$ -	\$	-	\$	-	\$	-
Base.22.2.2		Builder's Insurance	1	\$ -	\$ -	\$	372,599	\$	-	\$	372,599
Base.22.2.1		Liability Insurance (General and Professional)	1	s -	\$ -	\$	527,500	\$		s	527,500
B.2.2		Phase 2 Completion Acceptance	1	<b>J</b>	φ -	\$	8,963,267	\$	896,327	\$	8.066,940
		1 1	AL SITE	C (AMENDME	NT NO. 21)	Ψ	0,505,207	Ψ	0,00,027	Ψ	0,000,710
B.2.2		Site Construction		(	1(11(0(21)	П					
B.2.2	JPK2	Johnstone Peak - 2		\$ -	\$ -	\$	661,912	\$	66,191	\$	595,721
Subtotal for A	Additional Site	e (Amendment No. 21)		\$ -	\$ -	\$	661,912	\$	66,191	\$	595,721
		ADDITION	AL SITE	S (AMENDMI	ENT NO. 25)	)					
B.2.2		Site Construction		`	,	П					
B.2.2	BHS	Baldwin Hills County				\$	744,255	\$	74,426	\$	669,830
	DPW38	Los Angeles County Department of Public									
B.2.2		Works Pump Station 38				\$	746,949	\$	74,695	\$	672,254
B.2.2	RPV1	Rancho Palos Verde				\$	344,492	\$	34,449	\$	310,043
Subtotal for A	Additional Site	e (Amendment No. 25)		\$ -	\$ -	\$	1,835,696	\$	183,570	\$	1,652,126
		ADDITION	AL SITE	(AMENDME	NT NO. 26)						
B.2.2		Site Construction									
B.2.2	LAN	Lancaster		\$ -	\$ -	\$	8,430	\$	843	\$	7,587
Subtotal for A	Additional Site	e (Amendment No. 26)		\$ -	\$ -	\$	8,430	\$	843	\$	7,587
		ADDITIONA	AL SITE	S (AMENDME	ENT NO. 27)						
B.2.2		Site Construction			,						
B.2.2	BKK	BKK Landfill				\$	313,118	\$	31,312	\$	281,806
B.2.2	UCLA	UCLA (Factor Building)				\$	420,011	\$	42,001	\$	378,010
Subtotal for A	Additional Site	es (Amendment No. 27)		\$ -	\$ -	\$	733,129	\$	73,313	\$	659,816
		ADDITION	AL SITE	S (AMENDMI	ENT NO. 29)	)					
B.2.2		Site Construction									
B.2.2	POM	Pomona Courthouse				\$	308,134	\$	30,813	\$	277,321
Subtotal for A	Additional Site	es (Amendment No. 29)				\$	308,134	\$	30,813	\$	277,321
		ADDITION	AL SITE	S (AMENDMI	ENT NO. 30)	)					
B.2.2		Site Construction									
B.2.2	UNIV	Universal Studios				\$	425,840	\$	42,584	\$	383,256
	Subtotal for A	Additional Sites (Amendment No. 30)	AT CITE		NE NO 24)	\$	425,840	\$	42,584	\$	383,256
D 2 2			AL SITE	C (AMENDME	N1 NO. 34)						
B.2.2 B.2.2	INDWT	Site Construction Industry Water Tank				\$	503,314	\$	50,331	\$	452,983
		Additional Sites (Amendment No. 34)				\$	503,314	\$	50,331	\$	452,983
	Subtotul 101 1	,	AL SITE	(AMENDME	NT NO 35)	Ψ	300,011	Ψ	30,001	Ψ	102,700
B.2.2		Site Construction	AL SITI	(AMENDINE	1(1 1(0.55)	Т					
B.2.2	WWY	Winding Way				\$	_	\$	_	\$	_
	Subtotal for A	Additional Sites (Amendment No. 35)				\$	_	\$	-	\$	-
		` /	AL SITE	(AMENDME	NT NO. 36)						
B.2.2		Site Construction									
B.2.2	SPH	San Pedro Hill				\$	1,190,563	\$	119,056	\$	1,071,507
	Subtotal for A	Additional Sites (Amendment No. 36)				\$	1,190,563	\$	119,056	\$	1,071,507
		ADDITION	AL SITE	(AMENDME	NT NO. 50)						
B.2.2		Site Construction									
B.2.2	ESR	East Sunset Ridge				\$	1,149,568	\$	114,957	\$	1,034,611
		Additional Sites (Amendment No. 50)				\$			114,957	\$	

Deliverable/						Phase 2 Total		
Task/ Section No. (Exhibit A, Exhibit B, or Base Document)	Site ID	<b>Deliverable</b> (Refer to Site Development Matrix in Exhibit B for further detailes on the capacity and sizes of site components)	Qty.	Unilateral Option Sum Incuding Project Management	Credits (Note 1)	Contract Sum - Payable Amount for Phase 2 (Note 1,2,3,4,5)	10% Holdback Amount	Payable Amount Less 10% Holdback
Total for Pha (including Su		struction and Modifications e Detail)		s -	s -	\$ 43,100,532	\$ 4,147,788	\$ 38,952,744

Note 1: Pursuant to Amendment No. Nine, effective November 19, 2014, the Authority removed 1 LMR System Site for Phases 1 through 4. As such, Credits were realized in the amount of \$646,001. However, the cost for preparing Project Descriptions for 26 potential replacement sites in the amount of \$303,524 was utilized in Phase 1. As such, the remaining Credit balance of \$342,477 is reserved for use for a future replacement site.

Note 2: Pursuant to Amendment No. Ten, effective February 17, 2015, Exhibit C.2 (Schedule of Prices - Site Construction and Site Modification) was amended by Amendment No. 10 to reflect (a) the conversion of Unilateral Option Sum to Contract Sum for for eight (8) LMR System Site currently contemplated in the Design and the addition of five (5) LMR System Sites; and (b) the removal of four (4) sites.

Note 3: Pursuant to Amendment No. Seventeen, thirty-four (34) LMR System Sites were removed from further consideration; nineteen (19) LMR System Sites were included as part of the LMR System; and Phase 2 Completion Acceptance was included. In connection therewith, and in addition to all activities contemplated in this Phase 2, Unilateral Option Sums, not previously exercised, were converted into Contract Sums.

Note 4: Pursuant to Amendment No. Nineteen, one (1) LMR System Site was removed from further consideration in Phases 1-4. Also, two (2) LMR System Sites were reconciled in Phases 2-4.

Note 5: Pursuant to Amendment No. Thirty-Two, two (2) LMR System Site were removed from further consideration in Phases 1-4.

Deliverable/ Task/ Section No. (Exhibit A, Exhibit B, or Base Document)	Site ID	Deliverable		Equipment Purchase in Phase 1 Credit per Site (Note 1,11,12,13,14,15)	DTVRS	ACVRS	LARTCS	NMDN (Note 17)	Microwave	Credits (Note 2)	Total Contract Sum Total Payable Amount for Phase 3 (Note 1, 3, 8, 16)	10% Holdback Amount	Payable Amount Less 10% Holdback
B.3.2 to B.3.6		Equipment Delivery											
B.3.2 to B.3.6	BAH	Baldwin Hills	\$ -	\$ -	\$ -	\$ -	\$ -	S -	\$ -	\$ -	\$ -	\$ -	\$ -
B.3.2 to B.3.6	BJM	Black Jack Peak	\$ -	\$ -	\$ 311,506	\$ 121,145	\$ 225,595	S -	\$ 28,058	\$ -	\$ 686,304	\$ 68,630	\$ 617,674
B.3.2 to B.3.6	BMT	Bald Mountain	\$ -	\$ -	\$ 1,351,696	\$ -	\$ 171,631	S -	\$ 36,032	\$ -	\$ 1,559,359	\$ -	\$ 1,559,359
B.3.2 to B.3.6	BRK	Blue Rock	\$ -	\$ -	\$ -	\$ -	\$ -	S -	\$ -	S -	\$ -	S -	\$ -
B.3.2 to B.3.6	BUR	Burnt Peak	\$ -	\$ -	\$ -	\$ -	\$ -	S -	\$ -	S -	\$ -	S -	\$ -
B.3.2 to B.3.6	BVG	Beverly Glen	\$ -	\$ -	\$ -	\$ -	\$ -	S -	\$ -	S -	\$ -	S -	\$ -
B.3.2 to B.3.6	CCB	Compton Court Building	\$ -	\$ -	\$ 482,398	\$ 171,692	S -	S -	\$ 36,176	\$ -	\$ 690,266	S -	\$ 690,266
B.3.2 to B.3.6	CEP	Century Plaza	\$ -	\$ -	\$ -	\$ -	\$ -	S -	\$ -	S -	\$ -	\$ -	\$ -
B.3.2 to B.3.6	CLM	Claremont	\$ -	\$ -	\$ -	\$ -	\$ -	S -	\$ 30,252	S -	\$ 30,252	\$ 3,025	\$ 27,227
B.3.2 to B.3.6	CPK	Castro Peak	\$ -	\$ -	\$ 548,134	\$ 318,690	\$ 381,450	S -	\$ 51,596	\$ -	\$ 1,299,870	\$ 129,987	\$ 1,169,883
B.3.2 to B.3.6	DPK	Dakin Peak	\$ -	\$ -	\$ 746,192	\$ 236,731	\$ 112,217	S -	\$ 39,605	\$ -	\$ 1,134,745	\$ 113,475	\$ 1,021,271
B.3.2 to B.3.6	ELSGDPD	El Segundo PD	\$ -	\$ -	\$ -	\$ -	\$ -	S -	\$ -	\$ -	\$ -	\$ -	\$ -
B.3.2 to B.3.6	ENC1	Encinal 1 (Fire Camp)	\$	\$	\$	\$	\$	<u>\$</u>	\$	\$	<u>\$</u>	\$	\$
B.3.2 to B.3.6	GRM	Green Mountain	\$ -	\$ -	\$ 376,417	\$ 85,781	\$ 146,327	S -	\$ 64,131	\$ -	\$ 672,656	\$ 67,266	\$ 605,390
B.3.2 to B.3.6	HPK	Hauser Peak	\$ -	\$ -	\$ 917,311	\$ 145,772	\$ 296,409	S -	\$ 46,753	\$ -	\$ 1,406,245	\$ -	\$ 1,406,245
B.3.2 to B.3.6	<del>JPK</del>	Johnstone Peak		\$	\$	\$	\$	<u>\$</u>	\$	\$	<del>\$</del>		
B.3.2 to B.3.6	LACF028	FS 28	\$ -	\$ -	\$ -	\$ -	\$ -	S -	\$ -	\$ -	\$ -	\$ -	\$ -
B.3.2 to B.3.6	LACF056	FS-56	\$ -	\$ -	\$ -	\$ -	\$ -	S -	\$ -	\$ -	\$ -	\$ -	\$ -
B.3.2 to B.3.6	LACF071	FS 71	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
B.3.2 to B.3.6	LACF072	FS 72	\$ -	\$ -	\$ 546,319	\$ 83,252	\$ 210,233	\$ -	\$ 26,897	\$ -	\$ 866,701	\$ 86,670	\$ 780,031
B.3.2 to B.3.6	LACF077	FS-77	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
B.3.2 to B.3.6	LACF084	FS 84	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	s -	\$ -
B.3.2 to B.3.6	LACF091	FS 91	\$	\$	\$	\$	s	<del>s</del>	\$	\$	\$	\$	\$
B.3.2 to B.3.6	LACF099	FS 99	\$ -	\$ -	\$ -	\$ -	\$ -	S -	\$ -	\$ -	\$ -	\$ -	\$ -
B.3.2 to B.3.6	LACF119	FS-119	\$ -	\$ -	\$ -	\$ -	\$ -	S -	\$ -	\$ -	\$ -	\$ -	\$ -
B.3.2 to B.3.6	LACF144	FS-144	\$ -	\$ -	\$ -	\$ -	\$ -	S -	\$ -	\$ -	\$ -	\$ -	\$ -
B.3.2 to B.3.6	LACF149	FS 149	\$ -	\$ -	\$ -	\$ -	\$ -	S -	\$ -	\$ -	\$ -	\$ -	\$ -
B.3.2 to B.3.6	LACF157	FS-157	\$ -	\$ -	\$ -	\$ -	\$ -	S -	\$ -	\$ -	\$ -	\$ -	\$ -
B.3.2 to B.3.6	LACF196	FS-169	\$ -	\$ -	\$ -	\$ -	\$ -	S -	\$ -	\$ -	\$ -	\$ -	\$ -
B.3.2 to B.3.6	LACFCP09	CP 9	\$ -	\$ -	\$ -	\$ -	S -	S -	\$ -	\$ -	\$ -	\$ -	\$ -
B.3.2 to B.3.6	LACFDEL	Los Angeles County Fire Deparmental Del Valle Training Camp	\$ -	\$ -	\$ 372,867	\$ 74,338	\$ 85,268	s -	\$ 32,590	s -	\$ 565,063	\$ 56,506	\$ 508,557
B.3.2 to B.3.6	LAH	LA City Hall (Note 4)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
B.3.2 to B.3.6	LBR	Lower Blue Ridge	\$ -	\$ -	\$ -	\$ -	\$ -	S -	\$ -	\$ -	\$ -	S -	\$ -
B.3.2 to B.3.6	LDWP243	DWP Sylmar Water Ladder	\$ -	\$ -	\$ 431,751	\$ 74,185	\$ 79,467	\$ -	\$ 27,849	\$ -	\$ 613,252	\$ -	\$ 613,252
B.3.2 to B.3.6	MAM	Magic Mountain		\$ -	\$ -	\$ -	s -	\$ -	\$ -	\$ -	\$ -	S -	s -
B.3.2 to B.3.6	MDI	Mount Disappointment	\$ -		\$ 548,134	\$ 254,946	\$ 381,450	\$ -	\$ 30,685	\$ -	\$ 1,215,215	\$ 121,522	\$ 1,093,694
	MLE	Mount Lee	\$	-	\$	\$	\$	\$	\$	\$	\$	\$	\$
B.3.2 to B.3.6	MLM	Mira Loma Facility	\$ -	\$ -	\$ 917,609	\$ 121,774	\$ 39,740	S -	\$ 31,324	S -	\$ 1,110,448	\$ 111,045	\$ 999,403
B.3.2 to B.3.6	MMC	Mount McDill	\$ -	\$ -	\$ 483,224	\$ 146,308	\$ 376,943	S -	\$ 60,498	S -	\$ 1,066,973	\$ 106,697	\$ 960,276
B.3.2 to B.3.6	MTL	Mount Lukens	\$ -	\$ -	\$ -	\$ -	S -	S -	\$ -	S -	\$ -	S -	S -
B.3.2 to B.3.6	MTT	Mount Thom	\$ -	\$ -	\$ -	\$ -	S -	S -	\$ -	S -	\$ -	S -	S -
B.3.2 to B.3.6	MTW	Mount Washington	\$	\$ -	\$ -	\$ -	\$	S -	\$ -	\$ -	\$ -	\$ -	\$ -

Deliverable/ Task/ Section No. (Exhibit A, Exhibit B, or Base Document)	Site ID	Deliverable		Equipment Purchase in Phase 1 Credit per Site (Note 1,11,12,13, 14,15)	DTVRS	ACVRS	LARTCS	NMDN (Note 17)	Microwave	Credits (Note 2)	Total Contract Sum Total Payable Amount for Phase 3 (Note 1, 3, 8, 16)	10% Holdback Amount	Payable Amount Less 10% Holdback
B.3.2 to B.3.6	MVS	Monte Vista (Star Center)	\$ -	\$ -	\$ 524,294	\$ 95,096	S -	S -	\$ 30,352	S -	\$ 649,741	s -	\$ 649,741
B.3.2 to B.3.6	OAT	Oat Mountain OAT	\$ -	\$ -	\$ 176,493	\$ 162,062	\$ -	\$ -	\$ 80,168	\$ -	\$ 418,724	\$ 41,872	\$ 376,852
B.3.2 to B.3.6	OMC	Oat Mountain OMC	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	S -	S -	\$ -	\$ -
B.3.2 to B.3.6	ONK	Oat Mountain Nike	\$ -	\$ -	\$ 432,751	\$ 146,308	\$ 376,943	\$ -	\$ 27,470	S -	\$ 983,472	\$ 26,127	\$ 957,345
B.3.2 to B.3.6	PHN	Puente Hills	\$ -	\$ -	\$ 524,774	\$ 365,910	\$ 297,006	\$ -	\$ 32,899	\$ -	\$ 1,220,589	s -	\$ 1,220,589
B.3.2 to B.3.6	PRG	Portal Ridge	\$ -		\$ 483,223	\$ 93,985	\$ 143,940	\$ -	\$ 54,116	\$ -	\$ 775,266	\$ 77,527	\$ 697,739
B.3.2 to B.3.6	PSH	Pomona 1620 Hillcrest	\$	\$	\$	\$	\$	\$	\$	s	\$	\$	\$
B.3.2 to B.3.6	RDNBPD	Redondo Beach PD	\$ -	\$ -	\$ -	\$ -	S -	S -	\$ -	s -	s -	s -	S -
B.3.2 to B.3.6	RHT	Rolling Hills Transmit	\$ -	\$ -	\$ 917,609	\$ 172,269	\$ 127,115	S -	\$ 28,417	s -	\$ 1,245,411	\$ 124,541	\$ 1,120,870
B.3.2 to B.3.6	RIH	Rio Hondo	\$ -	\$ -	\$ 969,350	\$ 348,895	\$ 79,785	s -	\$ 21,676	S -	\$ 1,419,705	\$ 141,971	\$ 1,277,735
B.3.2 to B.3.6	RPVE001	Rancho Palos Verde City Hall	\$ -	\$ -	\$ -	\$ -	S -	s -	\$ -	S -	s -	s -	s -
B.3.2 to B.3.6	SAG	San Augustine	\$ -	\$ -	\$ -	\$ -	S -	s -	\$ -	S -	s -	s -	s -
B.3.2 to B.3.6	SDW	San Dimas	\$ -	\$ -	\$ 525,073	\$ 232,167	S -	s -	\$ 45,368	S -	\$ 802,608	\$ 80,261	\$ 722,347
B.3.2 to B.3.6	SGH	Signal Hilf <sup>Note 9)</sup>	s -	s -	\$ 483,224	s -	S -	\$ -	\$ 42,926	S -	\$ 526,150	\$ 52,615	\$ 473,535
B.3.2 to B.3.6	SPC	San Pedro Hill	s -	s -	s -	s -	s -	s -	s -	s -	s -	s -	\$ -
B.3.2 to B.3.6	SPN	Saddle Peak <sup>(Note 9)</sup>	\$ -	s -	\$ 376,418	s -	\$ 140,486	\$ -	\$ 30,636	s -	\$ 547,539	\$ 54,754	\$ 492,786
B.3.2 to B.3.6	SUN	Sunset Ridge	\$	\$	\$	\$	\$	S	\$	\$	\$	S	\$
B.3.2 to B.3.6	SVP	San Vicente Peak	\$ -	\$ -	\$ -	s -	\$ -	\$ -	\$ -	s -	s -	s -	\$ -
B.3.2 to B.3.6	SWP	Southwest Area Station	\$ -	\$ -	\$ -	s -	\$ -	s -	s -	s -	s -	s -	\$ -
B.3.2 to B.3.6	TOP	Topanga Peak <sup>(Note 9)</sup>	\$ -	s -	\$ 1,002,900	\$ 231,585	\$ 79,904	s -	\$ 39,457	s -	\$ 1,353,847	\$ 135,385	\$ 1,218,462
B.3.2 to B.3.6	TPK	Tejon Peak	s -	s -	\$ 483,224	\$ 144,298	\$ 211,208	s -	\$ 43,043	s -	\$ 881,773	\$ 47,040	\$ 834,733
B.3.2 to B.3.6	TWR	Tower Peak	s -	s -	\$ 310,728	\$ 112,136	\$ 92,902	s -	\$ 37,676	s -	\$ 553,442	\$ 55,344	\$ 498,098
B.3.2 to B.3.6	VPC	Verdugo Peak (city)	s -	s -	\$ -	\$ -	\$ -	s -	\$ -	s -	s -	s -	\$ -
B.3.2 to B.3.6	WAD	Walker Drive	s -	s -	\$ -	\$ -	s -	\$ -	s -	s -	s -	s -	s -
B.3.2 to B.3.6	WMP	Whitaker Middle Peak	\$ -	<u> </u>	\$ 310,695	\$ 4,928	\$ 8,720	\$ -	\$ 38,076	s -	\$ 362,419	\$ 36,242	\$ 326,177
B.3.2 to B.3.6	WS1	100 Wilshire	\$	\$	\$ 310,033	\$ 1,720	\$ 0,720	S	\$ 30,070	s	\$	\$ 30,212	\$ 320,177
B.3.2 to B.3.6	WTR	Whittaker Ridge	\$ -	<u> </u>	\$ 332,160	\$ 94,753	\$ 218,368	s -	\$ 42,956	s -	\$ 688,237	\$ 68,824	\$ 619,413
B.3.2 to B.3.6	LAPD077	77TH Street Area Complex	\$ -	s -	\$ 552,100	\$ -	\$ -	s -	\$ -	s -	\$ -	\$ -	\$ -
B.3.2 to B.3.6	LAPDDVN	Devonshire Area station	\$ -	s -	\$ -	\$ -	\$ -	s -	\$ -	s -	s -	s -	s -
B.3.2 to B.3.6	FCCF	L.A. County Fire Command	\$ -	<u> </u>	\$ 548,134	\$ 334,775	\$ 136,826	s -	\$ 109,185	s -	\$ 1,128,920	s -	\$ 1,128,920
B.3.2 to B.3.6	LAPDVDC	Valley Dispatch Center	\$ -	s -	\$ -	s -	S -	\$ -	\$ -	s -	\$ -	s -	\$ -
B.3.2 to B.3.6		FCCF Core	\$ -	\$ -	\$ 404,329	\$ -	\$ -	\$ -	\$ -	s -	\$ 404,329	\$ -	\$ 404,329
B.3.2 to B.3.6		LAPDVDC Core	\$	\$	\$	\$	s	<u>s</u>	\$	s	\$	S	s
Site Equipment Subt	otal		s -	s -	\$ 16,838,937	\$ 4,373,781	\$ 4,419,933	s -	\$ 1,246,869	s -	\$ 26,879,522	\$ 1,807,325	\$ 25,072,197
					TIONAL SITE							, , , , , , , , , , , , , , , , , , , ,	
D 2 2 4- D 2 6		E-viam-n4 D-linem	1	I ADD	I TOTAL SITE	LO (MINERADIO	1E111 110. 10)	, 	<u> </u>	1	1	ı	
B.3.2 to B.3.6 B.3.2 to B.3.6	APC	Airport Courthouse	s -	S -	\$ 177,033	s -	s -	s -	\$ 36,176	s -	\$ 213,209	s -	\$ 213,209
B.3.2 to B.3.6	BCHCPRK	Beverly Hills' Coldwater Canyon Park	s -	s -	\$ 1/7,033 \$ -	s -	\$ -	φ -	\$ 30,176 \$ -	s -	\$ 213,209	s -	\$ 213,209
B.3.2 to B.3.6	LACF136	FS 136	s -	s -	s -	s -	\$ -	\$ -	s -	\$ -	s -	s -	s -
B.3.2 to B.3.6	LAHE	LA City Hall East (Note 4)	s -	s -	s -	s -	\$ -	\$ -	s -	\$ -	s -	s -	s -
B.3.2 to B.3.6	OLI	Olinda	\$	S	s	s	-	-	s		<u>s</u>	S	\$
Subtotal for Addition			s	s -	\$ 177.033	s -	s -	s -	\$ 36,176	s -	S 213,209	s -	\$ 213,209

Deliverable/ Task/ Section No. (Exhibit A, Exhibit B, or Base Document)	Site ID	Deliverable		Equipment Purchase in Phase 1 Credit per Site (Note 1,11,12,13, 14,15)	DTVRS	ACVRS	LARTCS	NMDN (Note 17)	Microwave	Credits (Note 2)	Total Contract Sum Total Payable Amount for Phase 3 (Note 1, 3, 8, 16)	10% Holdback Amount	Payable Amount Less 10% Holdback
				ADDI	TIONAL SITE	ES (AMENDA	MENT NO. 17)						
B.3.2 to B.3.6		Equipment Delivery				Ì	· · · · · · · · · · · · · · · · · · ·						
B.3.2 to B.3.6	AGH	Agoura Hills	s -	S -	\$ 546,316	\$ 232,589	\$ 88.027	s -	\$ 49,600	S -	\$ 916,532	\$ 55,867	\$ 860,665
B.3.2 to B.3.6	BUR1	Burnt Peak 1	\$ -		\$ 10,714	\$ 144,298	\$ 296,341	\$ -	\$ 33,298	\$ -	\$ 484,651	\$ 48,465	\$ 436,186
B.3.2 to B.3.6	CCT	Criminal Court (Foltz)	\$ -	S -	\$ 547,631	\$ 101,375	\$ -	\$ -	\$ 49,600	\$ -	\$ 698,606	\$ -	\$ 698,606
B.3.2 to B.3.6	CRN	Cerro Negro	\$ -	s -	\$ 700,610	\$ 359,241	\$ -	\$ -	\$ 49,600	\$ -	\$ 1,109,451	\$ 110,945	\$ 998,506
B.3.2 to B.3.6	FRP	Frost Peak (Upper Blue Ridge)	\$ -	\$ -	\$ 11,540	\$ 342,483	\$ 382,524	\$ -	\$ 43,713	\$ -	\$ 780,260	\$ 78,026	\$ 702,234
B.3.2 to B.3.6	GMT	Grass Mountain	\$ -	\$ -	\$ 483,224	\$ 76,785	\$ 130,106	\$ -	\$ 44,353	\$ -	\$ 734,468	\$ 73,447	\$ 661,021
B.3.2 to B.3.6	H-17A	H-17 Helipad	\$	\$	\$	\$	\$	-\$	\$	\$	\$	\$	\$
B.3.2 to B.3.6	LARICSHQ	LA-RICS Headquarters	\$ -	S -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,252	\$ 3,025	\$ 27,227
B.3.2 to B.3.6	LASDTEM	Temple Station	\$ -	S -	\$ 218,743	\$ -	\$ -	\$ -	\$ 43,430	\$ -	\$ 262,173	\$ -	\$ 262,173
B.3.2 to B.3.6	LPC	Loop Canyon	\$ -		\$ 176,493	\$ 74,451	\$ 83,473	\$ -	\$ 105,885	\$ -	\$ 440,302	\$ 44,030	\$ 396,272
B.3.2 to B.3.6	LEPS	Lower Encinal Pump Station	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
B.3.2 to B.3.6	MIR	Mirador	\$ -	S -	\$ 548,134	\$ -	\$ -	\$ -	\$ 27,795	\$ -	\$ 575,929	\$ 57,593	\$ 518,336
B.3.2 to B.3.6	MML	Magic Mountain Link	\$ -		\$ 154,395	\$ 144,298	\$ 382,884	\$ -	\$ 89,241	\$ -	\$ 770,818	\$ 77,082	\$ 693,736
B.3.2 to B.3.6	MTL2	Mount Lukens 2	\$ -		\$ 547,298	\$ 487,535	\$ 299,795	\$ -	\$ 73,460	\$ -	\$ 1,408,086	\$ 140,809	\$ 1,267,277
B.3.2 to B.3.6	PDC	Pacific Design Center	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
B.3.2 to B.3.6	PLM	Palmdale Station	\$ -	S -	\$ 177,192	\$ -	\$ -	\$ -	\$ 91,168	\$ -	\$ 672,689	\$ -	\$ 672,689
B.3.2 to B.3.6	PMT	Pine Mountain	\$ -	\$ -	\$ 307,575	\$ 27,643	\$ 80,834	\$ -	\$ 44,353	\$ -	\$ 460,405	\$ 46,041	\$ 414,365
B.3.2 to B.3.6	PWT	Portshead Tank	-\$	\$	\$	\$	\$	-\$	-\$	\$	\$	\$	\$
B.3.2 to B.3.6	VPK	Verdugo Peak County)(Note 9)	\$ -	\$ -	\$ 546,316	\$ 232,589	\$ 163,600	\$ -	\$ 49,600	\$ -	\$ 992,105	\$ 26,703	\$ 965,402
Subtotal for Addition	nal Sites (Amen	dment No. 17)		s -	\$ 4,976,181	\$ 2,223,287	\$ 1,907,584	s -	\$ 795,096	s -	\$ 10,336,727	\$ 762,032	\$ 9,574,695
				ADD	ITIONAL SIT	E (AMENDA	IENT NO. 21)						
B.3.2 to B.3.6	1	Equipment Delivery	ı	ı			I ,	1	ı		ı	Ī	
B.3.2 to B.3.6	JPK2	Johnstone Peak - 2			\$ 10,714	\$ 271,717	\$ 299,795	s -	\$ 43,712	e	\$ 625,939	\$ 62,594	\$ 563,345
Subtotal for Addition			s -	s -	\$ 10,714				\$ 43,712	s -	s 625,939	\$ 62,594	\$ 563,345
Subtotal for Addition	nai Site (Amen	ment 140. 21)	3		TIONAL SITE	,	,		3 43,/12	3 -	3 023,939	3 02,394	3 303,343
			•	AUUI	HONAL SITE		MENT NO. 25)		•		1		
B.3.2 to B.3.6		Equipment Delivery			6 1002001	0 162.066			6 70.027	6	0 1045 500	6 104.550	6 1 121 214
B.3.2 to B.3.6 B.3.2 to B.3.6	BHS DPW38	Baldwin Hills County  Los Angeles County Department of Public		\$ - \$ -	\$ 1,002,901 \$ 153,569	\$ 163,066 \$ 146,308		s -	\$ 79,826 \$ 63,231	s -	\$ 1,245,793 \$ 660,783	\$ 124,579 \$ 66,078	\$ 1,121,214 \$ 594,705
B.3.2 to B.3.6	RPV1	Works Pump Station 38 Rancho Palos Verdes		\$ -	\$ 177,192	6		s -	\$ 28,417	e	\$ 205,609	\$ 20,561	\$ 185,048
Subtotal for Addition			s -	\$	\$ 1,333,662	\$ 309,374	\$ 297,675	s -	\$ 171,474	s -	\$ 2,112,185	\$ 211,219	\$ 1,900,967
Subtotal for Addition	nai Sites (Amen	differt No. 23)	3 -	\$	ITIONAL SIT			-	\$ 1/1,4/4	3 -	3 2,112,185	\$ 211,219	3 1,900,967
	•		•	ADD	IIIONAL SII	E (AMENDIV	IENT NO. 20)	•	•		1	1	
B.3.2 to B.3.6	7.437	Equipment Delivery	1	<b>!</b>		}	}	<b>!</b>			0 20		0 00.00
B.3.2 to B.3.6	LAN	Lancaster							\$ 30,252	\$ -	\$ 30,252		
Subtotal for Addition	nal Site (Ameno	lment No. 26)	\$ -	S -	-	-		<b>S</b> -	\$ 30,252	S -	\$ 30,252	\$ 3,025	\$ 27,227
				ADDI	TIONAL SITI	ES (AMENDI	MENT NO. 27)	)					
B.3.2 to B.3.6		Equipment Delivery											
B.3.2 to B.3.6	BKK	BKK Landfill			\$ 218,743	\$ 35,341	\$ -		\$ 44,353		\$ 298,437	\$ 29,844	\$ 268,593
B.3.2 to B.3.6	UCLA	UCLA (Factor Building)			\$ 240,747				\$ 38,076		\$ 278,823	\$ 27,882	\$ 250,941
Subtatal for Addition	nal Sites (Amen	dment No. 27)	\$ -	s -	\$ 459,490	\$ 35,341	s -	s -	\$ 82,429	s -	\$ 577,260	\$ 57,726	\$ 519,534

Deliverable/ Task/ Section No. (Exhibit A, Exhibit B, or Base Document)	Site ID	Deliverable		Purc	Equipment chase in Phase 1 edit per Site 1,11,12,13,14,15)	DT	VRS	ACVRS		LARTCS	NMDN (Note 17)	N	Aicrowave	Credits (Note 2)	Total Contract Sum Total Payable Amount for Phase 3 (Note 1, 3, 8, 16)	10% Holdback Amount	Le	ble Amount ess 10% oldback
					ADDI	TION	AL SITE	S (AMEND	ΜE	ENT NO. 29)								
B.3.2 to B.3.6		Equipment Delivery																
B.3.2 to B.3.6	POM	Pomona Courthouse	\$ -			\$	524,294	\$ 203,198	\$	=	\$ -	\$	30,252		\$ 757,744	\$ 75,774	\$	681,970
Subtotal for Addition	al Sites (Ame	ndment No. 29)	\$ -	\$	-	\$	524,294	\$ 203,198	\$	-	S -	\$	30,252	s -	\$ 757,744	\$ 75,774	\$	681,970
					ADDI	TION	AL SITE	S (AMEND	ME	ENT NO. 30)								
B.3.2 to B.3.6		Equipment Delivery		1					Т			Т				1	Т	
B.3.2 to B.3.6	UNIV	Universal Studios	s -			\$	548,134	\$ -	s	85,268	s -	\$	38,076		\$ 671,478	\$ 67,148	s	604,330
Subtotal for Addition			s -	S	_	S	548,134	s -	s	85,268	s -	s	38,076	s -	\$ 671,478		S	604,330
			-	NM	IDM (AMI	INDM		32 AND A	MI	ENDMENT I	NO 30)	,	20,010	_		.,		
B.3.2 to B.3.6		E (Note 17)		TI NIV	TOWN (SAM)	PIN I PIN I	ENT IN	AND A	-44		10.37)				<u> </u>	<u> </u>		
B.3.2 to B.3.6 B.3.2 to B.3.6		Equipment Delivery (Note 17) Narrowband Mobile Data Network (NMDN)										1			0 001:000	0 201:00	-	1.040.463
Subtotal for NMDM	(Amandmart)	` /	•	S	_	¢	-	e.	s	_	•	e	-	e	\$ 2,044,988 \$ 2,044,988	\$ 204,499 <b>\$ 204,499</b>	2	1,840,489
Santotal for NWIDM	(Amenument )	10. 32)	-	3							ů.	3		J -	3 2,044,988	3 204,499	3	1,040,489
					ADDI	TION	AL SITE	S (AMEND	MIE	ENT NO. 34)								
B.3.2 to B.3.6		Equipment Delivery																
B.3.2 to B.3.6	INDWT	Industry Water Tank	\$ -	\$	-	\$	218,743	\$ 202,744	<u> </u>	-	\$ -	\$	31,324		\$ 452,811	\$ 45,281	\$	407,530
Subtotal for Addition	ıal Sites (Ameı	ndment No. 34)	\$ -	\$	-	\$	218,743	\$ 202,744	\$	-	S -	\$	31,324	s -	\$ 452,811	\$ 45,281	\$	407,530
					ADDI	TION	AL SITE	S (AMEND	ΜE	ENT NO. 35)								
B.3.2 to B.3.6		Equipment Delivery						`		ĺ								
B.3.2 to B.3.6	WWY	Winding Way	\$ -	\$	-	\$	-		\$	-	s -	\$	-		\$ -	s -	\$	-
Subtotal for Addition	al Sites (Ame	ndment No. 35)	\$ -	\$	-	\$	-	s -	\$	-	s -	\$	-	s -	s -	s -	\$	-
					ADDI	TION	AL SITE	S (AMEND	MF	ENT NO. 36)								
B.3.2 to B.3.6		Equipment Delivery		1	HDDI	11011	IL OITE	o (minibino)	1	2111 110.00)		_			ı		1	
B.3.2 to B.3.6	SPH	San Pedro Hill	\$ -	\$	-	\$	479,002		+			\$	44,353		\$ 523,355	\$ 52,336	s	471,020
Subtotal for Addition	nal Sites (Amer	ndment No. 36)	s -	\$	_	\$	479,002	\$ -	\$	_	s -	\$	44,353	s -	\$ 523,355	\$ 52,336	\$	471,020
	·				ADDI	TION	AI SITE	S (AMEND	ME	ENT NO. 50)			,					
B.3.2 to B.3.6		Equipment Delivery			ADDI	ПОМ	ALISITEE .	S (AMEND	MID	2111 110. 30)		1			ı	1	1	
B.3.2 to B.3.6	ESR	East Sunset Ridge				\$	524,294	\$ 272,721	s	378,337		\$	35,984		\$ 1,211,336	\$ 121,134	s	1,090,202
Subtotal for Addition	nal Sites (Amer	ndment No. 50)				S	524,294	\$ 272,721	s	378,337		s	35,984		\$ 1,211,336	\$ 121,134	s	1,090,202
B.3.7	· ·	Consoles for LARTCS	¢	s		ę.		\$	¢	,	¢	ç	,	e e	\$ 384,917	\$ 38,492	c	346,426
						0		•	Φ	_				6		5 30,472	9	,
B.3.8		Logging Recorder	\$ -	3	-	\$	-	\$ -	\$	-	5 -	\$	-	5 -	\$ 1,743,216	3 -	2	1,743,216
B.3.9		System Management and Monitoring Subsystem	\$ -	\$	-	\$	-	\$ -	\$	-	\$ -	\$	-	\$ -	\$ 445,681	\$ 44,568	\$	401,113
B.1.6		FCC Licensing (Note 6)	\$ -	\$	-	\$	-	\$ -	\$	-	\$ -	\$	-	\$ -	\$ -	s -	\$	-
B.3.10		Pre-Installation Testing Acceptance - Core Staging for SOT Prep	s -	s	-	\$	-	\$ -	\$	-	\$ -	\$	-	\$ -		s -	\$	-
B.3.10.1.DTVRS		Pre-Installation Testing Acceptance - Core Staging for SOT Prep (DTVRS)	s -	\$	_	\$	-	\$ -	\$	-	\$ -	\$	-	\$ -	\$ 2,262,102	\$ 226,210	s	2,035,891
B.3.10.1.ACVRS		Pre-Installation Testing Acceptance - Core Staging for SOT Prep (ACVRS)	\$ -	s	Ξ	\$	=	\$ -	\$	-	\$ -	\$	-	\$ -	\$ 720,452	\$ 72,045	\$	648,407
B.3.10.1.LARTCS		Pre-Installation Testing Acceptance - Core Staging for SOT Prep (LARTCS)	\$ -	s	Ē	\$	=	\$ -	\$	-	\$ -	\$	-	\$ -	\$ 932,474	\$ 93,247	\$	839,226
B.3.10.1.NMDN		Pre-Installation Testing Acceptance - Core Staging for SOT Prep (NMDN)	s -	s	-	\$	-	s -	\$	-	\$ -	\$	-	\$ -	\$ 245,747	\$ 24,575	s	221,172

Deliverable/ Task/ Section No. (Exhibit A, Exhibit B, or Base Document)	Site ID	Deliverable		Equipment Purchase in Phase 1 Credit per Site (Note 1,11,12,13, 14,15)	DTVRS	ACVRS	LARTCS	NMDN (Note 17)	Microwave	Credits (Note 2)	Total Contract Sum Total Payable Amount for Phase 3 (Note 1, 3, 8, 16)	10% Holdback	Payable Amount Less 10% Holdback
B.3.10.1.FINAL		Pre-Installation Testing Acceptance - Core Staging for SOT Prep FINAL	\$ -	s -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 241,854	\$ 24,185	\$ 217,668
B.3.10.2.BALANCE		Pre-Installation Testing Acceptance - Balance of Sites by Site	s -	s -	s -	s -	s -	\$ -	s -	\$ -	\$ 2,370,645	\$ 237,065	\$ 2,133,581
		Equipment Shipment: Credit for Portable Radio Upgrades	s -	s -	s -	s -	s -	s -	s -	s -	s -	s -	s -
Base.22.3.2		Performance Bond for Phase 3 - Supply LMR System Components	s -	s -	s -	s -	s -	s -	s -	s -	\$ 474,041		\$ 474,041
		Total Lease Costs for Phase 3 - Supply LMR System Components	N/A	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	s -	s -	s -
18.		Liability Insurance (General and Professional)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 440,691		\$ 440,691
Total for Phase 3 - Su	upply LMR Sy	stem Components:	s -	s -	\$ 26,090,484	\$ 7,892,163	\$ 7,388,592	s -	\$ 2,585,997	s -	\$ 56,698,625	s 4,230,479	\$ 52,468,147

Note 1: Pursuant to Amendment No. Three, effective as of December 19, 2013, (a) Contractor's provision and implementation of certain equipment reflected in Exhibit C.2 (Schedule of Payments Phase 1 – System Design) to Exhibit C (Schedule of Payments), as amended by Amendment No. Three, was moved from Phase 3 and 4 to Phase 1; and (b) Contractor was engaged to provide and implement under Phase 1, certain additional equipment reflected in Exhibit C.2 (Schedule of Payments Phase 1 – System Design) to Exhibit C (Schedule of Payments), as amended by Amendment No. Three, (the equipment described in clauses (a) and (b) is collectively referred to as the "Specified Equipment").

In connection therewith, (i) a Unilateral Option Sum in the amount of \$4,362,681 was moved from Schedules C.4 (Schedule of Payments Phase 3 – System Components) and C.5 (Schedule of Payments Phase 4 – System Design) to Exhibit C (Schedule of Payments), as amended by Amendment No. Three, and thereafter such Unilateral Option Sum was converted to a Contract Sum; and (ii) a Unilateral Option Sum in the amount of \$1,285,230 was added to Schedule C.2 (Schedule of Payments Phase 1 – System Design) to

Note 2: Pursuant to Amendment No. Nine, effective November 19, 2014, the Authority removed 1 LMR System Site for Phases 1 through 4. As such, Credits were realized in the amount of \$646,001. However, the cost for preparing Project Descriptions for 26 potential replacement sites in the amount of \$303,524 was utilized in Phase 1. As such, the remaining Credit balance of \$342,477 is reserved for use for a future replacement site.

Note 3: Pursuant to Amendment No. Ten, effective February 17, 2015, Exhibit C.3 (Schedule of Prices - Supply LMR System Components) was amended by Amendment No. 10 to reflect the conversion of Unilateral Option Sum to Contract Sum for (a) the conversion of Unilateral Option Sum to Contract Sum for eight (8) LMR System Site currently contemplated in the Design and the addition of five (5) LMR System Sites; and (b) the removal of four (4) sites.

Note 4: Credit in the amount of \$547,158 for LAH was moved to LAHE in Amendment No. 10 for recordkeeping purposes

Note 5: Pursuant to Amendment No. Eleven, effective April 28, 2015, Exhibit C.3 (Schedule of Prices - Supply LMR System Components) was amended by Amendment No. 11 to reflect the a credit in the amount of \$547,158 that was moved from LAH to LAHE in Amendment No. 10.

Note 6: Pursuant to Amendment No. Twelve, effective August 27, 2015, Exhibit C.3 (Schedule of Prices - Supply LMR System Components) was amended by Amendment No. 12 to shift FCC Licensing costs to Phase 1, in the amount of \$284,041.

Note 7: Pursuant to Amendment No. Sixteen, effective December 23, 2015, the Authority removed thirty-one (31) LMR System Sites for Phase 1. As such, Credits were realized in the amount of \$1,132,374. However, adding seventeen (17) new LMR System Sites to Phase 1 in the amount of \$635,537 will be taken from the credited amount of \$1,132,374, bringing the total amount of \$2,374, bringing the \$2,374, bringing

Note 8: Pursuant to Amendment No. Seventeen, thirty-four (34) LMR System Sites were removed from further consideration; nineteen (19) LMR System Sites were included as part of the LMR System; and Phase 3 Completion Acceptance was included. In connection therewith, and in addition to all activities contemplated in this Phase 3, Unilateral Option Sums, not previously exercised, were converted into Contract Sums.

Note 9: Pursuant to Amendment No. Seventeen, a credit in the amount of \$1,002,901 was transferred from Baldwin Hills (BAH) to Saddle Peak (SPN); a credit in the amount of \$547,298 was trasferred from Mount Lukens (MTL) to Signal Hill (SGH); a credit in the amount of \$522,426 was transferred from Verdugo Peak City (VPC) to Verdugo Peak County (VPK); and a credit in the amount of \$547,158 was transferred from LACity Hall East (LAHE) to Topanga Peak (TOP).

Note 10: Pursuant to Amendment No. Nineteen, one (1) LMR System Site was removed from further consideration in Phases 1-4. Also, two (2) LMR System Sites were reconciled in Phases 2-4.

Note 11: Pursuant to Amendment No. Twenty-One, credit in the amount of \$563,761 from CPK was moved to BUR1, credit in the amount of \$943,771 from MLM was moved to MTL2, credit in the amount of \$181,525 from OAT was moved to LPC, credit in the amount of \$547,000 from SDW was moved to SUN, credit in the amount of \$547,000 from TPK was moved to MDL.

Note 12: Pursuant to Amendment No. Twenty-Two, credit in the amount of \$248,500 from MMC was moved to BJM and credit in the amount of \$471,732 from RIH was moved to CPK and credit in the amount of \$471,732 from RIH was moved to DPK; credit in the amount of \$501,450 from SPN was moved to MIR and credit in the amount of \$501,450 from SPN was moved to TPK.

Note 13: Pursuant to Amendment No. Twenty-Four, credit in the amount of \$482,444 from MVS was moved to LEPS and credit in the amount of \$501,451 from TPK was moved LACDEL.

Note 14: Pursuant to Amendment No. Twenty-Five, credit in the amount of \$501,451 from LACFDEL was moved to DPK; credit in the amount of \$496,165 from WTR was moved to FRP and \$396,000 from WTR was moved to GMT. Credit in the amount of \$496,165 from WMP was moved to JPK2 and credit in the amount of \$363,599 from WMP was moved to MTL2.

Note 15: Pursuant to Amendment No, Twenty-Six, credit in the amount of \$200,000 from BIR1 was moved to DRC, credit in the amount of \$363,761 from BIR1 was moved to ENCI. Credit in the amount of \$288,000 from JPK2 was moved to SUN, credit in the amount of \$40,000 from JPK2 was moved to TWR, and credit in the amount of \$268,165 from JPK2 was moved to WSI. Credit in the amount of \$181,252 from LPC was moved to H-17A. Credit in the amount of \$90,000 from MDI was moved to PDC, and credit in the amount of \$140,254 from MDI was moved to BIM. Credit in the amount of \$943,771 from MTL2 was moved to RIH and credit in the amount of \$943,771 from MTL2 was moved to RIH and credit in the amount of \$943,771 from MTL2 was moved to PMT.

Note 16: Pursuant to Amendment No. Thirty-Two, two (2) LMR System Site were removed from further consideration in Phases 1-4.

Note 17: Pursuant to Amendment No. Thirty-Two, the per site NMDM costs contemplated in Phase 3 and Phase 4, have moved to a single line item in the amount of \$2,764,123, resulting Discounts in the amount of \$582,086 have been captured in Exhibit C.15 (LMR Discounts), which will be applied at the discretion of the Authority.

## EXHIBIT C.15 - SCHEDULE OF PAYMENTS LMR SYSTEM DISCOUNTS

Section No. (Exhibit C or Phase)	Description	Discounts (Note 1)								
	Phase 1 - DISCOUNTS FOR SYSTEM DESIGN									
C.2	Discount for Dropped Sites <sup>(Note 2)</sup>	\$ (363,599)								
Phas	e 3 - DISCOUNTS FOR SUPPLY LMR SYSTEM COMPONEN	TS								
C.4	Discount for Equipment Purchased in Phase 1 <sup>(Note 3)</sup>	\$ (15,295,521)								
Ph	ase 4 - DISCOUNTS FOR LMR SYSTEM IMPLEMENTATION	N								
C.5	Discount for Services Performed in Phase 1 (Note 3)	\$ (765,576)								
	LMR NMDM (Amendment No. 32)									
C.4	Discount from NMDM (Note 4,5,6)	\$ (210,259)								
	LMR NMDM (Amendment No. 85)									
C.2	Discount for Phase 2 Top Relay Reconciliation (Note 7)	\$ (180,346)								
	LMR Generator (Amendment No. 92)									
C.3	Discount for Certain Phase 2 BUR1 and GRM Generator Work (Note 8)	\$ (24,014)								
	LMR Portable Radio Upgrades (Amendment No. 104)									
C.4	Discount for Portable Radio Upgrades (Note 9)	\$ (361,900)								
TOTAL LMR SY	TOTAL LMR SYSTEM DISCOUNTS									

Note 1: The total remaining balance of the LMR Discounts applied to the Max Contract Sum will be utilized at the discretion of the Authority.

Note 2: Pursuant to Amendment No. 16 effective December 23, 2015, Exhibit C.1 (Schedule of Prices - System Design) was amended by Amendment No. 16 to reflect (a) removal of thirty-one (31) LMR System Sites resulting in credits in the amount of \$1,132,374 for Phase 1 only; (2) addition of seventeen (17) LMR System Sites in the amount of \$635,537 which was taken from the credited amount of \$1,132,374, bringing the total amount of credits down to \$363,599 (inclusive of Phase 1 Work performed for 75% drawings and building permits in the amount of \$133,238) and reflected in the Whitaker Middle Peak site in Phase 3. Under Amentment No. 27, the remaing Discount balance of \$363,599 was moved from Phase 3 to Phase 1.

Note 3: Pursuant to Amendment No. 3, effective as of December 19, 2013, (a) Contractor's provision and implementation of certain equipment reflected in Exhibit C.2 (Schedule of Payments Phase 1 – System Design) to Exhibit C (Schedule of Payments), as amended by Amendment No. 3, was moved from Phases 3 and 4 to Phase 1; and (b) Contractor was engaged to provide and implement under Phase 1, certain additional equipment reflected in Exhibit C.2 (Schedule of Payments Phase 1 – System Design) to Exhibit C (Schedule of Payments), as amended by Amendment No. 3, (the equipment described in clauses (a) and (b) is collectively referred to as the "Specified Equipment").

Note 4: Pursuant to Amendment 32, the per site NMDN costs contemplated in Phase 3 and Phase 4 have moved to a single line item in Phase 3 in the amount of \$2,764,123 resulting in an increase to the NMDN Discounts to the amount of \$582,086, which have been captured in this Exhibit C.15 (LMR Discounts) and will be applied at the disrection of the Authority.

Note 5: Pursuant to Amendment 39, the Discounts from NMDN costs are reconciled to reflect an increase in the amount of \$1,071, resulting in an increase to the total NMDN Discounts in the amount of \$583,157, which has been captured in this Exhibit C.15 (LMR Discounts) and will be applied at the disrection of the Authority.

Note 6: Pursuant to Amendment 40, the Discounts from NMDN costs are reconciled to reflect a decrease in the amount of \$372,898 resulting in a decrease to the total NMDN Discounts in the amount of \$210,259 (Phase 3 Sites, CCB, CRN, MLM, PHN, BMT and PLM), which has been captured in this Exhibit C.15 (LMR Discounts) and will be applied at the disrection of the Authority.

Note 7: Pursuant to Amendment 85, the Discounts costs are reconciled to reflect an increase in the amount of \$180,346 to reflect a reconciliation of one (1) LMR System Site (TOP Relay) related to Phase 2 (Monopole, DC Plant and Outdoor Power System), which has been captured in this Exhibit C.15 (LMR Discounts) and will be applied at the disrection of the Authority.

Note 8: Pursuant to Amendment 92, the Discounts costs are reconciled to reflect an decrease in the amount of \$24,014 to reflect a reconciliation at BUR1 and GRM sites related to certain Phase 2 Generator Work, which has been captured in this Exhibit C.15 (LMR Discounts) and will be applied at the disrection of the Authority in accordance with Amendment No. 92.

Note 9: Pursuant to Amendment 104, the Discounts costs are reconciled to reflect an increase in the amount of \$361,900 to reflect a reconciliation of Portable Radio Upgrade Kits - Discount Transfer from Phase 3 to LMR Discounts, which has been captured in this Exhibit C.15 (LMR Discounts) and will be applied at the disrection of the Authority in accordance with Amendment No. 104.

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

Change Order Number	Site ID	Item/Category		ntract Sum - able Amount	1(	9% Holdback Amount	Payable Amount Less 10% Holdback Amount		
		Amendment No. 28							
MSI 003 Revised	OLI	MSI-003 OLI Tower Mapping (Revised)	\$	-	\$	-	\$	-	
		MSI-007 LDWP243 Additional Structural Analysis for Coverage							
MSI-007	LDWP243	Enhancement	\$	2,200	\$	220	\$	1,980	
MSI-008	LMR	MSI-008 Station B Reprogramming of 700 MHz DTVRS Stations	\$	9,912	\$	991	\$	8,921	
MSI-009	AGH	MSI-009 AGH SCE Engineering Fee Reimbursement	\$	5,634	\$	563	\$	5,071	
MSI-012	LMR	MSI-012 Site 3D Models per Authority Request BJM, DPK, TWR	\$	<del></del>	\$	<del></del>	\$	<del></del> _	
MSI-015	BUR1	MSI-015 BUR1 SCE Engineering Fee	\$	3,308	\$	331	\$	2,977	
MSI-016 MSI-017	BMT MML	MSI-016 BMT SCE Engineering Fee MSI-017 MML SCE Engineering Fee	\$	592	\$	59	\$	533	
WISI-017	IVIIVIL		\$	3,308	\$	331	\$	2,977	
		Amendment No. 28 Subtotal	\$	24,953	\$	2,495	\$	22,458	
MCI 020	ADC	Amendment No. 29	0	2.405	¢.	241	¢.	2.165	
MSI-030 MSI-020R	APC BKK	MSI-030 Saturday Labor and Crane Cost MSI-020R Tower Mapping and Painting	\$	2,405 26,225	\$	2,623	\$ \$	2,165	
MSI-024	BKK	MSI-024 Dispersive Wave Testing	\$	5,426	\$	543	\$	23,603 4,883	
MSI-1208	POM	MSI-LMR1208 ACM and LCP Testing Services	\$	4,400	\$	440	\$	3,960	
11151 1200	1 01.1	Amendment No. 29 Subtotal	\$	38,456	\$	3,846	\$	34,610	
		Amendment No. 30	Ψ	30,430	Ψ	3,040	Ψ	54,010	
MSI-1205	MVS	MSI-1205 MVS LCP Testing Services	\$	4,195	\$	420	\$	3,776	
11151 1200	11115	Amendment No. 30 Subtotal	\$	4,195	\$	420	\$	3,776	
		Amendment No. 31	Ψ	1,170	Ψ	120	Ψ	5,776	
MSI-1265	ONK	MSI-1265 Environmental Testing ACM and LPC Services	\$	3,633	\$	363	\$	3,270	
MSI-1206	CCT	MSI-1206 HVAC Condenser Pad Modification	\$	9,745	\$	975	\$	8,771	
MSI-1321	AGH	MSI-1321 Additional Title, Survey, Research	\$	2,100	\$	210	\$	1,890	
MSI-1267R	LARICSHQ	MSI-1267R Environmental Testing ACM and LPC Services	\$	4,095	\$	410	\$	3,686	
		Amendment No. 31 Subtotal	\$	19,573	\$	1,957	\$	17,616	
		Amendment No. 33		,					
MSI-1528	MLM	MSI-1528 MLM Tower Light	\$	17,490	\$	1,749	\$	15,741	
		Amendment No. 33 Subtotal	\$		\$	1,749	\$	15,741	
		Amendment No. 34							
MSI-1447	AGH	MSI-1477 AGH Additional Electrical Work	\$	84,503	\$	8,450	\$	76,053	
MSI-1435	HPK	MSI-1435 HPK Power Conduit Outside Compound	\$	6,241	\$	624	\$	5,617	
		Amendment No. 34 Subtotal	\$	90,744	\$	9,074	\$	81,670	
		Amendment No. 35							
MSI-5002	SDW	MSI-5002 SDW Waveguide Bridge Installation	\$	13,115	\$	1,312	\$	11,804	
		Amendment No. 35 Subtotal	\$	13,115		1,312		11,804	
		Amendment No. 36							
MSI-5003	BJM	MSI-5003 BJM Tower Mapping Services	\$	4,952	\$	495	\$	4,457	
		Amendment No. 36 Subtotal	\$	4,952		495	\$	4,457	
		Amendment No. 37							
MSI-5010	CRN	CRN Lead Paint Abatement and Consulting Services	\$	3,754	\$	375	\$	3,379	
MSI-5008	CRN	CRN Siren	\$	10,113		1,011	\$	9,102	
MSI-5015	CRN	CRN Permanent Fence	\$	5,043	\$	504	\$	4,539	
MSI-1209R	FCCF	FCCF Receptacle Light Installation	\$	12,336	\$	1,234		11,102	
MSI-5031	HPK	HPK SCE Trenching	\$	12,623	\$	1,262	\$	11,361	

MMC	Change Order Number	Site ID	Item/Category	Contract Sum - Payable Amount		10% Holdback Amount		yable Amount Less 10% dback Amount
MSE-UNI-003   MMC   MMC   Electrical Power Conduits   \$ 2,703   \$ 2,703   \$ 2,705   \$ 5	MSI-UNI-002	MMC	MMC Concrete Under Asphalt	\$	9,765	\$ 977	\$	8,789
MSI-5017   PMT   PMT 2nd GoT chaincail Engineering Services   \$ 2,3626   \$ 2,263   \$ 2 2,603   \$ 2 2	MSI-UNI-003	MMC		\$	2,703	\$ 270	\$	2,433
MSI-5010			Amendment No. 37 Subtotal	\$	56,337	\$ 5,634	\$	50,703
MSI-5017			Amendment No. 38 and Amendment No. 104	1				
MSI-UN-004   FCCF   FCCR Relocated Prime Site Equipment   S   S   S	MSI-5017	PMT	PMT 2nd GeoTechnical Engineering Services	\$	23,626	\$ 2,363	\$	21,263
MSI-5038   SGH   SGH Barrel Tile Roof   S   6,843   S   684   S   MSI-5021   SGH   SGH NB CX Stand Down Costs   S   7,652   S   765	MSI-5030	UCLA	UCLA ACM and LCP Testing Services	\$	4,725	\$ 473	\$	4,253
MSI-5021   SGH   SGH   BCK Stand Down Costs   S   7,652   S   765   S	MSI-UNI-004	FCCF	FCCF Relocated Prime Site Equipment			\$ -	\$	-
MSI-5046   DPW38   DPW38 LCP Testing   \$ 2,363   \$ 236   \$ 3	MSI-5038		SGH Barrel Tile Roof	\$	6,843	\$ 684	\$	6,159
MSI-5043	MSI-5021	SGH	SGH NB CX Stand Down Costs	\$	7,652	\$ 765	\$	6,887
MSI-UNI-005	MSI-5046	DPW38	DPW38 LCP Testing	\$	2,363	\$ 236	\$	2,127
MSI-UNI-005	MSI-5043	VPK	VPK Tower Foundation	\$	34,102	\$ 3,410	\$	30,692
MSI-UNI-006	MSI-5006	VPK	VPK Power Run	\$	50,027	\$ 5,003	\$	45,024
MSI-5024   MIR   MIR Additional Topography   S   2,205   S   221   S	MSI-UNI-005	VPK	VPK Retaining Wall Credit	\$	(68,141)	\$ (6,814)	\$	(61,327)
MSI-5061   MDI   MDI 2nd GeoTechnical Engineering Services   \$ 7,588   \$ 759   \$ 1	MSI-UNI-006	<b>LACFDEL</b>	LACFDEL Reuse of Existing Shelter	\$		\$	\$	
MSI-5028	MSI-5024	MIR	MIR Additional Topography	\$	2,205	\$ 221	\$	1,985
MSI-5029   MDI   MDI Addition Topo Survey   \$ 2,100	MSI-5061	MDI	MDI 2nd GeoTechnical Engineering Services	\$	7,588	\$ 759	\$	6,829
MSI-5050   WWY   WWY Native American Monitoring   \$ 580 \$ 580 \$ 580 \$ 580 \$ 680 \$ 6839 \$ 680 \$ 6884 \$ 580 \$ 6884 \$ 580 \$ 6884 \$ 580 \$ 6884 \$ 580 \$ 6884 \$ 580 \$ 6884 \$ 580 \$ 6884 \$ 580 \$ 6884 \$ 580 \$ 6884 \$ 580 \$ 6884 \$ 580 \$ 6884 \$ 580 \$ 6884 \$ 580 \$ 6884 \$ 580 \$ 6884 \$ 580 \$ 6884 \$ 580 \$ 6884 \$ 580 \$ 6884 \$ 5 6 \$	MSI-5028	MDI	MDI Underground Utility Locator	\$	756	\$ 76	\$	680
Amendment No. 38 Subtotal   S 74,426   S 7,443   S 6	MSI-5029	MDI	MDI Addition Topo Survey	\$	2,100	\$ 210	\$	1,890
MSI-5073   AGH   AGH Encroachment Permit Fee   \$ 4,807   \$ 481   \$ 4,807   \$ 481   \$ 4,807   \$	MSI-5050	WWY	WWY Native American Monitoring	\$	580	\$ 58	\$	522
MSI-5073   AGH   AGH Encroachment Permit Fee   \$ 4,807   \$ 481   \$ 4			Amendment No. 38 Subtotal	\$	74,426	\$ 7,443	\$	66,983
MSI-5045   CCB   CCB Abatement and Remediation Work   \$   13,125   \$   1,313   \$   1   MSI-5076   LACFDEL   LACFDEL New Phase I Work   Rev.   \$   26,965   \$   2,697   \$   2,097   \$   2,008   \$   2,697   \$   2,009   \$   2			Amendment No. 39 and Amendment No. 104	1				
MSI-5045   CCB   CCB Abatement and Remediation Work   \$ 13,125   \$ 1,313   \$ 1     MSI-5076	MSI-5073	AGH	AGH Encroachment Permit Fee	\$	4,807	\$ 481	\$	4,326
MSI-5076								11,813
MSI-5068   SPH   SPH Lease Exhibit Option_Rev.1   S   1,065   S   107   S				\$		7	-	24,269
MSI-5063			_	\$		,	\$	959
Amendment No. 39 Subtotal   S   57,300   S   5,730   S   3,771   S   3,371   S   3,771	MSI-5063	UNIV		\$	11,338	\$ 1,134	\$	10,204
MSI-5071   RIH   Location Change   \$ 37,705   \$ 3,771   \$ 33			Amendment No. 39 Subtotal			\$ 5,730	\$	51,570
MSI-5071			Amendment No. 41 and Amendment No. 104	1				
MSI-5070         UNIV         New Phase 1 Work         \$ 40,899         \$ 4,090         \$ 30           MSI-5069         RPV1         New Phase 1 Work         \$ 44,808         \$ 4,481         \$ 44           MSI-5042         INDWT         Request for Road Repairs         \$ 14,425         \$ 1,443         \$ 12           MSI-5067         RHT         ACM/LCP Testing and Monitoring         \$ -         \$ -         \$ -           MSI-5066         SPH         RF Engineering Coverage Assessment/Maps         \$ 12,672         \$ 1,267         \$ 1           MSI-5072         LMR         Addition of Microwave Link from BHS to SPH         \$ 22,740         \$ 2,274         \$ 2,227         \$ 2,274	MSI-5071	RIH	_		37,705	\$ 3,771	\$	33,935
MSI-5069         RPVI         New Phase I Work         \$ 44,808         \$ 4,481         \$ 44           MSI-5042         INDWT         Request for Road Repairs         \$ 14,425         \$ 1,443         \$ 12           MSI-5067-         RHT         ACM/LCP Testing and Monitoring         \$ - \$ - \$         \$ - \$           MSI-5066         SPH         RF Engineering Coverage Assessment/Maps         \$ 12,672         \$ 1,267         \$ 1           MSI-5072         LMR         Addition of Microwave Link from BHS to SPH         \$ 22,740         \$ 2,274         \$ 22,274         \$ 22,274         \$ 22,274         \$ 2,274								36,809
MSI-5042         INDWT         Request for Road Repairs         \$ 14,425         \$ 1,443         \$ 12,672         \$ 1,443         \$ 12,672         \$ 1,267         \$ 1,268         \$ 1,267         \$ 1,267         \$ 1,267         \$ 1,267         \$ 1,267         \$ 1,267         \$ 1,267         \$ 1,267         \$ 1,267         \$ 1,267         \$ 1,267         \$ 1,267         \$ 1,267         \$ 1,268         \$ 1,267         \$ 1,267         \$ 1,267         \$ 1,				\$		,		40,327
MSI-5067         RHT         ACM/LCP Testing and Monitoring         \$         \$         \$           MSI-5066         SPH         RF Engineering Coverage Assessment/Maps         \$ 12,672         \$ 1,267         \$ 1           MSI-5072         LMR         Addition of Microwave Link from BHS to SPH         \$ 22,740         \$ 2,274         \$ 22           MSI-5078         CPK         Additional Ice Bridge         \$ 1,975         \$ 198         \$           MSI-5081         LMR         LARTCS VHF Frequency Changes         \$ 41,171         \$ 4,117         \$ 3           MSI-5087         MTL2         Road Repair Design         \$ 2,200         \$ 220         \$           Amendment No. 41 Subtotal         \$ 218,595         \$ 21,860         \$ 190           Amendment No. 43, Amendment No. 44 and Amendment No. 104           MSI-6017         RIH         Addition of Microwave Link         \$ 43,837         \$ 4,384         \$ 30           MSI-6016         SPH         Addition of Microwave Link         \$ 68,839         \$ 6,884         \$ 6           Amendment No. 43 and Amendment No. 44 Subtotal         \$ 112,676         \$ 11,268         \$ 10           Amendment No. 45           MSI-6018         LPC         Environmental Phase II Limited	MSI-5042			\$		, , ,		12,983
MSI-5066         SPH         RF Engineering Coverage Assessment/Maps         \$ 12,672         \$ 1,267         \$ 1           MSI-5072         LMR         Addition of Microwave Link from BHS to SPH         \$ 22,740         \$ 2,274         \$ 20           MSI-5078         CPK         Additional Ice Bridge         \$ 1,975         \$ 198         \$           MSI-5081         LMR         LARTCS VHF Frequency Changes         \$ 41,171         \$ 4,117         \$ 3'           MSI-5087         MTL2         Road Repair Design         \$ 2,200         \$ 220         \$           Amendment No. 41 Subtotal         \$ 218,595         \$ 21,860         \$ 190           Amendment No. 43, Amendment No. 44 and Amendment No. 104           MSI-6017         RIH         Addition of Microwave Link         \$ 43,837         \$ 4,384         \$ 3'           MSI-6016         SPH         Addition of Microwave Link         \$ 68,839         \$ 6,884         \$ 6           MSI-6015         UNIV         Addition of Microwave Link         \$ 68,839         \$ 6,884         \$ 6           Amendment No. 43 and Amendment No. 44 Subtotal         \$ 112,676         \$ 11,268         \$ 10           Amendment No. 45           MSI-6018         LPC         Environmental Pha		RHT						
MSI-5072         LMR         Addition of Microwave Link from BHS to SPH         \$ 22,740         \$ 2,274         \$ 20           MSI-5078         CPK         Additional Ice Bridge         \$ 1,975         \$ 198         \$           MSI-5081         LMR         LARTCS VHF Frequency Changes         \$ 41,171         \$ 4,117         \$ 3           MSI-5087         MTL2         Road Repair Design         \$ 2,200         \$ 220         \$           Amendment No. 41 Subtotal         \$ 218,595         \$ 21,860         \$ 190           Amendment No. 43, Amendment No. 44 and Amendment No. 104           MSI-6017         RIH         Addition of Microwave Link         \$ 43,837         \$ 4,384         \$ 30           MSI-6016         SPH         Addition of Microwave Link         \$ 68,839         \$ 6,884         \$ 6           MSI-6015         UNIV         Addition of Microwave Link         \$ 68,839         \$ 6,884         \$ 6           Amendment No. 43 and Amendment No. 44 Subtotal         \$ 112,676         \$ 11,268         \$ 10           Amendment No. 45           MSI-6018         LPC         Environmental Phase II Limited Subsurface Investigation         \$ 19,740         \$ 1,974         \$ 17	MSI-5066	SPH		\$	12,672	\$ 1,267	\$	11,405
MSI-5078         CPK         Additional Ice Bridge         \$ 1,975         \$ 198         \$           MSI-5081         LMR         LARTCS VHF Frequency Changes         \$ 41,171         \$ 4,117         \$ 3           MSI-5087         MTL2         Road Repair Design         \$ 2,200         \$ 220         \$           Amendment No. 41 Subtotal         \$ 218,595         \$ 21,860         \$ 190           Amendment No. 43, Amendment No. 44 and Amendment No. 104           MSI-6017         RIH         Addition of Microwave Link         \$ 43,837         \$ 4,384         \$ 30           MSI-6016         SPH         Addition of Microwave Link         \$ 68,839         \$ 6,884         \$ 6           MSI-6015         UNIV         Addition of Microwave Link         \$ 68,839         \$ 6,884         \$ 6           Amendment No. 43 and Amendment No. 44 Subtotal         \$ 112,676         \$ 11,268         \$ 10           Amendment No. 45           MSI-6018         LPC         Environmental Phase II Limited Subsurface Investigation         \$ 19,740         \$ 1,974         \$ 17	MSI-5072	LMR		\$			\$	20,466
MSI-5081         LMR         LARTCS VHF Frequency Changes         \$ 41,171         \$ 4,117         \$ 3           MSI-5087         MTL2         Road Repair Design         \$ 2,200         \$ 220         \$           Amendment No. 41 Subtotal         \$ 218,595         \$ 21,860         \$ 190           Amendment No. 43, Amendment No. 44 and Amendment No. 104           MSI-6017         RIH         Addition of Microwave Link         \$ 43,837         \$ 4,384         \$ 30           MSI-6016         SPH         Addition of Microwave Link         \$ 68,839         \$ 6,884         \$ 6           MSI-6015         UNIV         Addition of Microwave Link         \$ 68,839         \$ 6,884         \$ 6           Amendment No. 43 and Amendment No. 44 Subtotal         \$ 112,676         \$ 11,268         \$ 10           Amendment No. 45           MSI-6018         LPC         Environmental Phase II Limited Subsurface Investigation         \$ 19,740         \$ 1,974         \$ 17							-	1,778
Amendment No. 41 Subtotal \$ 218,595 \$ 21,860 \$ 190  Amendment No. 43, Amendment No. 44 and Amendment No. 104  MSI-6017 RIH Addition of Microwave Link \$ 43,837 \$ 4,384 \$ 30  MSI-6016 SPH Addition of Microwave Link \$ 568,839 \$ 6,884 \$ 6  MSI-6015 UNIV Addition of Microwave Link \$ 68,839 \$ 6,884 \$ 6  Amendment No. 43 and Amendment No. 44 Subtotal \$ 112,676 \$ 11,268 \$ 10  Amendment No. 45  MSI-6018 LPC Environmental Phase II Limited Subsurface Investigation \$ 19,740 \$ 1,974 \$ 17	MSI-5081	LMR	LARTCS VHF Frequency Changes	\$	41,171	\$ 4,117	\$	37,054
Amendment No. 43, Amendment No. 44 and Amendment No. 104  MSI-6017 RIH Addition of Microwave Link \$ 43,837 \$ 4,384 \$ 39  MSI-6016 SPH Addition of Microwave Link \$ 568,839 \$ 6,884 \$ 6  MSI-6015 UNIV Addition of Microwave Link \$ 68,839 \$ 6,884 \$ 6  Amendment No. 43 and Amendment No. 44 Subtotal \$ 112,676 \$ 11,268 \$ 10  Amendment No. 45  MSI-6018 LPC Environmental Phase II Limited Subsurface Investigation \$ 19,740 \$ 1,974 \$ 17	MSI-5087	MTL2	Road Repair Design	\$	2,200	\$ 220	\$	1,980
MSI-6017         RIH         Addition of Microwave Link         \$ 43,837         \$ 4,384         \$ 30           MSI-6016         SPH         Addition of Microwave Link         \$			Amendment No. 41 Subtotal	\$	218,595	\$ 21,860	\$	196,736
MSI-6016         SPH         Addition of Microwave Link         \$         \$         \$           MSI-6015         UNIV         Addition of Microwave Link         \$         68,839         \$         6,884         \$         6           Amendment No. 43 and Amendment No. 44 Subtotal         \$         112,676         \$         11,268         \$         10           Amendment No. 45           MSI-6018         LPC         Environmental Phase II Limited Subsurface Investigation         \$         19,740         \$         1,974         \$         17			Amendment No. 43, Amendment No. 44 and Amendme	ent No	o. 104			
MSI-6015         UNIV         Addition of Microwave Link         \$ 68,839         \$ 6,884         \$ 6           Amendment No. 43 and Amendment No. 44 Subtotal         \$ 112,676         \$ 11,268         \$ 10           Amendment No. 45           MSI-6018         LPC         Environmental Phase II Limited Subsurface Investigation         \$ 19,740         \$ 1,974         \$ 1	MSI-6017	RIH	Addition of Microwave Link	\$	43,837	\$ 4,384	\$	39,453
Amendment No. 43 and Amendment No. 44 Subtotal         \$ 112,676         \$ 11,268         \$ 10           Amendment No. 45           MSI-6018         LPC         Environmental Phase II Limited Subsurface Investigation         \$ 19,740         \$ 1,974         \$ 1	MSI-6016	SPH	Addition of Microwave Link	\$		\$	<b>\$</b>	
Amendment No. 45  MSI-6018 LPC Environmental Phase II Limited Subsurface Investigation \$ 19,740 \$ 1,974 \$ 1	MSI-6015	UNIV	Addition of Microwave Link	\$	68,839	\$ 6,884	\$	61,955
MSI-6018 LPC Environmental Phase II Limited Subsurface Investigation \$ 19,740 \$ 1,974 \$ 17		Amendmen	t No. 43 and Amendment No. 44 Subtotal	\$	112,676	\$ 11,268	\$	101,408
MSI-6019 MML Environmental Phase II Limited Subsurface Investigation \$ 10.210 \$ 1.021 \$ 17				\$	19,740	\$ 1,974	\$	17,766
	MSI-6019	MML	Environmental Phase II Limited Subsurface Investigation	\$	19,310	\$ 1,931	\$	17,379
Amendment No. 45 Subtotal \$ 39,050 \$ 3,905 \$ 3:			Amendment No. 45 Subtotal	\$	39,050	\$ 3,905	\$	35,145
Amendment No. 46			Amendment No. 46					
	MSI-6043	POM		\$	330,000	\$ 33,000	\$	297,000
	MSI-6030	JPK/RHT/VPK	Tower Top Amplifier Upgrade for Early Deployment Site Transition	\$	45.728		S	41,155
				,				338,155

Change Order Number	Site ID	Item/Category		ntract Sum - able Amount	10% Holdback Amount		yable Amount Less 10% dback Amount
		Amendment No. 47	1				
MSI-6023	LARICS	LMR System Reconciliation - Engineering & Re-Racking Services	\$	174,641	\$ 17,464	\$	157,177
MSI-6045	ONK	Add ONK Prime Site and ASR	\$	438,279	\$ 43,828	\$	394,451
MSI-6040	RIH	Soil Removal	\$	150,275	\$	\$	371,131
MSI- 6031	BHS	Soil Removal	\$	41,577	\$ 4,158	\$	37,419
MSI-6042	LPC	Soil Removal	\$	41,854	\$ 4,185	\$	37,668
MSI-6041	MDI	Soil Sampling	\$	10,134	\$ 1,013	\$	9,120
MSI-6034	RHT	Additional Topography	\$	3,733	\$ 373	\$	3,360
		Amendment No. 47 Subtotal	\$	710,217	\$ 71,022	\$	639,196
		Amendment No. 48	<u> </u>				
MSI-6064	AGH	Easement Payment	\$	4,055	\$ 406	\$	3,650
MSI-6062	TOP	Monopole Painted Neutral Brown	\$	6,104	\$ 610	\$	5,494
MSI-6050	LARICS	Core and Site Router/Switch Upgrade	\$	-	\$ -	\$	-
		Amendment No. 48 Subtotal	\$	10,159	\$ 1,016	\$	9,143
MCL (O(1		Amendment No. 49, Amendment No. 59 and Amendm	_				22.010
MSI-6061	Various	New Antenna Models and Powder Coating	\$	102,275	\$ 10,228	\$	92,048
MSI-6067	MTL2	Removing impediments to road access caused by erosion to the site road, etc	\$		<del>\$</del>	\$	
MSI-6069	LARICS	Audio Loopback	\$		\$ -	\$	
		Amendment No. 49 Subtotal	\$	102,275	\$ 10,228	\$	92,048
		Amendment No. 50		,			
MSI-6076	PRG/AGH	PRG Relocation to AGH for NMDN System	\$	13,678	\$ 1,368	\$	12,310
			+				
MSI-6077	PRG	VIAMM Implementation BJM & TWR Generator Noise Mitigation Engineering Assessment	\$	38,615	\$ 3,862	\$	34,754
MSI-6086	BJM/TWR	Services	\$	221,211	\$ 22,121	\$	199,090
MSI-6079	MML	MML Buried Concrete and Rebar Removal	\$	101,604	\$ 10,160	\$	91,444
10151 0077	THITE	Amendment No. 50 Subtotal	\$	375,108	\$ 37,511	\$	337,597
					\$ 37,311	Ф	331,391
MSI-6094/		Amendment No. 51, Amendment No. 54 and Amendm	ent N	0. 104			
MSI-7014	FCCF/PLM	Leased Fiber Link between FCCF and PLM	\$	11,196	\$ 1,120	\$	10,076
MSI-6096	ССВ	Microwave Installation Modification	\$			\$	- 10,070
1.151 0000	002		_	11 106			10.076
		Amendment No. 51 Subtotal	\$	11,196	\$ 1,120	\$	10,076
1 for 500 5	anu.	Amendment No. 52	1			1	
MSI-7005	CPK	Road Work for Access	\$	23,393	\$ 2,339	\$	21,054
MSI-7007	CPK	Utility Power Provision to CPK Site	\$	10,966	\$ 1,097	\$	9,869
		Amendment No. 52 Subtotal	\$	34,359	\$ 3,436	\$	30,923
		Amendment No. 53					
MSI-7003	Various	VIAMM Multiple Site Implementation	\$	186,594	\$ 18,659	\$	167,935
MSI-7010	MDI	Utility Power Work	\$	155,866	\$ 15,587	\$	140,279
		Amendment No. 53 Subtotal	\$	342,460	\$ 34,246	\$	308,214
		Amendment No. 54					
MSI-7011	RPVT	Utility Power Survey Services	\$	11,000	\$ 1,100	\$	9,900
MSI-7012	WMP and WTR	Utility Power Work	\$	121,895	\$ 12,190	\$	109,706
MSI-7015	CPK	Subgrade Concrete Structure Evaluation Services	\$	5,812	\$ 581	\$	5,231
		Amendment No. 54 Subtotal	\$	138,707	\$ 13,871	\$	124,836
		Amendment No. 55 and Amendment No. 10	4				
MSI-7013	TOP	Outdoor Power System and Equipment	\$	195,638	\$ 19,564	\$	176,074

Change Order Number	Site ID	Item/Category		tract Sum - ble Amount	10% Holdback Amount	Payable Amount Less 10% Holdback Amoun		
		Amendment No. 55 Subtotal	\$	195,638	\$ 19,564	\$	176,074	
		Amendment No. 56						
MSI-7008	TOP	Biota Reports	\$	13,972	\$ 1,397	\$	12,575	
		Amendment No. 56 Subtotal	\$	13,972	\$ 1,397	\$	12,575	
		Amendment No. 57						
MSI-7024	CPK	Removal of Subgrade Concrete Structure	\$	8,566	\$ 857	\$	7,709	
		Amendment No. 57 Subtotal	\$	8,566	\$ 857	\$	7,709	
		Amendment No. 58 and Amendment No.	o. 104					
MSI-7025	UNIV	Redesign Work	\$	60,650	\$ 6,065	\$	54,585	
		Amendment No. 58 Subtotal	\$	60,650	\$ 6,065	\$	54,585	
	<u> </u>	Amendment No. 59 and Amendment No.	o. 104					
MSI-7049	POM	Correction of Fire Alarm Deficiency	\$	5,282	\$ 528	\$	4,754	
MSI-7044	RPVT	Antenna Powder Coating	\$	6,874	\$ 687	\$	6,187	
MSI-7051	LACF072	Antenna Powder Coating	\$	255	\$ 26	\$	230	
MSI-7045	MML	Utility Power Survey  Amendment No. 59 Subtotal	\$	3,465	\$ 347	\$	3,119	
			\$	15,876	\$ 1,588	\$	14,288	
MCI 7060	WTR	Amendment No. 63	<b>*</b>	10.500	Φ 1.070	Φ.	0.500	
MSI-7060	WIR	Utility Power Provision  Amendment No. 63 Subtotal	\$ <b>S</b>	10,788 <b>10,788</b>	\$ 1,079 <b>\$ 1,079</b>	\$	9,709	
				10,/88	5 1,079	\$	9,709	
MSI-7064/		Amendment No. 64 and Amendment No.	0. 88					
MSI-7004/ MSI-7090	TWR	Survey for SCE Conveyance	\$	12,428	\$ 1,243	\$	11,185	
		ent No. 64 nd Amendment No. 88 Subtotal	\$		\$ 1,243	\$	11,185	
		Amendment No. 77		, 120	5,2.10	-		
MSI-7072	UNIV	Power Meter Payment	\$	8,494	\$ 849	\$	7,645	
MSI-7067	FRP	Bollards Around SCE Transformer	\$	7,636	\$ 764	\$	6,872	
		Amendment No. 77 Subtotal	\$	16,130	\$ 1,613	\$	14,517	
		Amendment No. 83		,			,	
MSI-7077	BUR1	Antenna Changes FCC Requirements	\$	17,412	\$ 1,741	\$	15,671	
		Amendment No. 83 Subtotal	\$		\$ 1,741	\$	15,671	
		Amendment No. 86						
MSI-7080		LMR DTVRS UHF Information Only Coverage Testing	\$	_	\$ -	\$	_	
MSI-7085	GRM	Surveying for Power Easement	\$	6,197	\$ 620	\$	5,577	
MSI-7084	PMT	Road Maintenance	\$	5,241	\$ 524	\$	4,717	
MSI-7086	WMP	Road Maintenance	\$	2,948	\$ 295	\$	2,653	
		Amendment No. 86 Subtotal	\$	14,386	\$ 1,439	\$	12,947	
		Amendment No. 88						
		USFS Sites Field Implementation of VIAMM – Ice Shields and						
MSI-7083	Various	Awnings	\$	15,518	\$ 1,552	\$	13,966	
MSI-7089	BKK	MPLS Reconfiguration	\$	414	\$ 41	\$	373	
MSI-7091		iPASONET Server Replacement	\$	-	\$ -	\$	-	
		Amendment No. 88 Subtotal	\$	15,932	\$ 1,593	\$	14,339	
		Amendment No. 90						
MSI-7092	UNIV	Fire Suppression System	\$	60,717	\$ 6,072	\$	54,645	
		Amendment No. 90 Subtotal	\$	60,717	\$ 6,072	\$	54,645	
		Amendment No. 91						
MSI-7096	Various	Replacement of Comparators (MLC8000 for GRV8000)	\$	-	\$ -	\$	-	
MSI-7098	ONK/SGH/CCT	8	\$	14,806	\$ 1,481	\$	13,325	
		Amendment No. 91 Subtotal	\$	14,806	\$ 1,481	\$	13,325	

Change Order Number	Site ID	Item/Category	Contract Sum - Payable Amount	10	9% Holdback Amount	Payable Amount Less 10% Holdback Amount		
		Amendment No. 92						
MSI-7100	SGH, SPH	ACVRS TRO5 Subsystem Addition	\$ 148,376	\$	14,838	\$	133,538	
MSI-7099	FCCF	Fire Logging Recorder	\$ 4,124	\$	412	\$	3,712	
		Amendment No. 92 Subtotal	\$ 152,500	\$	15,250	\$	137,250	
		Amendment No. 99						
MSI-7103	FCCF, PLM	Leased Fiber Link between FCCF and PLM	\$ 11,617	\$	1,162	\$	10,455	
		Amendment No. 99 Subtotal	\$ 11,617	\$	1,162	\$	10,455	
TOTAL FOR	ALL LMR CH	ANGE ORDER MODIFICATIONS	\$ 3,493,489	\$	349,349	\$	3,144,140	

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

#### SCHEDULE OF PAYMENTS EXHIBIT C.19 - CHANNEL 15 AND CHANNEL 16 INTERFERENCE MITIGATION

Deliverable/ Task No./ Subtask No./ Section No. (Exhibit A. B. or Base Document)	Task/Measure	Deliverable	Contract Sum - Payable Amount	10% Holdback Amount	Payable Amount Less 10% Holdback Amount
	CHAN	NEL 15 AND CHANNEL 16 INTERFERENCE MITIGATION			
B.3.11	Revise Coverage Model and Maps:				
B.3.11	UHF Frequency Plan Reanalysis	UHF Frequency Plan Reanalysis	\$ 397,440	\$ -	\$ 397,440
B.3.11	Spectrum Fingerprinting and Noise Floor Monitoring Reanalysis (single iteration only)	Spectrum Fingerprinting and Noise Floor Monitoring Reanalysis (single iteration only)	\$ 126,500	\$ -	\$ 126,500
B.3.11	Noise Floor Coverage Review Based on Noise Floor Monitoring Data	Noise Floor Coverage Review Based on Noise Floor Monitoring Data	<u>\$</u>	<u> </u>	\$
B.3.11	Noise Floor Coverage Review Based on Noise Floor Monitoring Data	Credit for work that would have been completed if not stopped by Ch 15 issue	\$ -	-\$	-\$
B.3.11	Redistribute and Install TV-band Filtering Equipment	Replacement filter hardware equipment	\$ 107,779	\$ -	\$ 107,779
B.3.11	Installer Labor	Installer Labor	\$ 11,500	\$ -	\$ 11,500
B.3.11	Installer Labor	Installer Labor	\$ 11,500	\$ -	\$ 11,500
B.3.11	System Technologist labor	System Technologist labor	\$ 16,284	\$ -	\$ 16,284
B.3.11	System Technologist labor	System Technologist labor	\$ 16,284	\$ -	\$ 16,284
		Total for Channel 15 and Channel 16 Interference Mitigation	\$ 687,287	s -	\$ 687,287

#### **SCHEDULE OF PAYMENTS**

#### **EXHIBIT C.22 - LMR SUBSYSTEM ACCEPTANCE PAYMENT SCHEDULE**

TOTAL HOLDBACK AS OF AMENDMENT NO. 104	HOLDBACK
Phases 1 to 4 Holdback	\$13,505,169
LMR Change Order Modifications Holdback	\$349,349
LMR Unilateral Amendments Holdback	\$139,536
MPLS Mobile Backhaul Holdback	\$220,000
SUBSYSTEM HOLDBACK TOTAL	\$14,214,054

	COMPL	LETION ACCEP	TANCE		TESTING			HOLD	ВАСК		
Subsystem	Date of Completion	Percentage	Payment of Subsystem Phase 4 Completion Acceptance	Testing Percentage	Subsystem Acceptance Testing	Coverage Acceptance Testing	Release of Holdback of Coverage Testing	Release of Holdback at each Subsystem Acceptance	Release of \$1.5M of Holdback at Final Acceptance	Release of 5% of Holdback One Year After System Acceptance	Total
NMDN (Phase 1)	9/28/2022	10%	\$921,735			\$176,709		\$552,094	\$149,481	\$704,038	\$2,504,056
DTVRS (17 Cells/Sites out of 33 Cells/Sites)	6/6/2022	55%	\$0	50%		\$614,710	\$68,301	\$0	\$0	\$0	\$683,011
DTVRS (16 Cells/Sites out of 33 Cells/Sites)	1/23/2023	5576	\$5,069,545	0070		\$578,550	\$64,283	\$2,938,907	\$826,817	\$3,927,025	\$13,405,127
LARTCS	6/9/2023	10%	\$921,735	25%		\$596,630	\$66,292	\$485,802	\$149,481	\$704,038	\$2,923,977
ACVRS	6/21/2023	20%	\$1,843,471	25%		\$596,630	\$66,292	\$1,043,520	\$300,000	\$1,420,256	\$5,270,170
NMDN (Phase 2) Completion final System Documen	8/18/2023	5%	\$460,868					\$269,095	\$74,221	\$345,929	\$1,150,114
Functional Test Acceptance 80%	6/6/2022				\$304,662			\$16,926		\$21,157	\$342,745
Functional Test Acceptance 20%					\$76,166			\$4,231			\$80,397
Special Operational Test Acceptance					<del>\$0</del>			<del>\$0</del>		<del>\$0</del>	<del>\$0</del>
Stress Tost Acceptance-					<del>\$0</del>			<del>\$0</del>		<del>\$0</del>	<del>\$0</del>
Voice Aerial Coverage Test Acceptance					<del>\$0</del>			<del>\$0</del>		<del>\$0</del>	<del>\$0</del>
Voice Waterway Coverage Test Acceptance					<del>\$0</del>			<del>\$0</del>		<del>\$0</del>	<del>\$0</del>
Voice Subscriber Access Test Acceptance					\$95,207			\$5,289		\$5,289	\$105,785
NMDN CAD Baseline System Test Acceptance					\$47,603		_	\$2,645		\$2,645	\$52,893
FinalSystem Acceptance		100%	\$9,217,354	100%	\$523,638	\$2,563,229	\$265,169	\$5,318,509	\$1,500,000	\$7,130,377	\$26,518,275
_		\$9,217,354			\$3,086,867			\$14,2	14,054		

#### **AGENDA ITEM L - ENCLOSURE**