



AGENDA

LOS ANGELES REGIONAL INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

REGULAR FINANCE COMMITTEE MEETING

Thursday, August 27, 2015 • 1:00 p.m.
LA County Fire Department Headquarters
1320 N. Eastern Ave., Training Room 15, Los Angeles, CA 90063

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

AGENDA POSTED: August 24, 2015

Complete agendas are made available for review at the designated meeting location. Supporting documentation is available at the LA-RICS Office located at 2525 Corporate Place, Suite 100, Monterey Park, CA 91754 during normal business hours and may also be accessible on the Authority's website at <http://www.la-rics.org>.

Members:

1. **Ed Roes**, City of Los Angeles CAO
2. **June Gibson**, City of Los Angeles Fire Dept.
3. **Patricia Whelan**, LA Police Dept.
4. **Matias Farfan**, Chief Legislative Analyst, City of Los Angeles
5. **John Geiger**, County of Los Angeles CEO
6. **Doug Cline**, Los Angeles County Fire Dept.
7. **Cynthia Evans**, Los Angeles County Sheriff's Dept.
8. **Karolyn Fruhwirth**, County of Los Angeles DHS
9. **Jose Santome**, LA School Police Dept.
10. **David Lantzer**, LA Area Fire Chiefs Assoc.
11. **Daniel Calleros**, Los Angeles County Police Chiefs Assoc.
12. **Dan Jordan**, CA Contract Cities Assoc.
13. At Large #3, City of Covina
14. At Large #4, City of Rolling Hills Estates

Alternates:

- Annemarie Sauer**, City of Los Angeles CAO
Graham Everett, City of Los Angeles Fire Dept.
Lt. Bob Davis, LA Police Dept.
Cheryl Banares, City of Los Angeles
Michael Iwanaga, County of Los Angeles CEO
Los Angeles County Fire Dept.
Richard F. Martinez, Los Angeles County Sheriff's Dept.
Maria Morales, County of Los Angeles DHS
LA School Police Dept.
LA Area Fire Chiefs Assoc.
Los Angeles County Police Chiefs Assoc.
CA Contract Cities Assoc.
At Large #3, City of Covina
At Large #4, City of Rolling Hills Estates

Officers:

Patrick Mallon, Executive Director
Susy Orellana-Curtiss, LA-RICS Project Team
Beatriz Cojulun, Committee Secretary



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

I. CALL TO ORDER

II. ANNOUNCE QUORUM – Roll Call

III. APPROVAL OF MINUTES (A)

A. July 23, 2015 – Regular Meeting Minutes

Agenda Item A

IV. PUBLIC COMMENTS – (None)

V. CONSENT CALENDAR – (None)

VI. REPORTS (B)

B. Director's Report – Pat Mallon

Funding Plan Status

LTE Project Status

LMR Project Status

Grant Status

VII. ACTION ITEMS (C)

C. DRAFT MEMORANDUM OF UNDERSTANDING (MOU) BETWEEN ICIS AND LA-RICS

Agenda Item C – Enclosure 1 & 2



VIII. ADMINISTRATIVE MATTERS (D)

**D. REVIEW AND RECOMMEND APPROVAL OF THE RE-REVISED
PROPOSED OPERATING BUDGET**

Agenda Item D

IX. MISCELLANEOUS – (None)

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

XI. CLOSED SESSION REPORT - (None)

XII. ADJOURNMENT AND NEXT MEETING:

Thursday, September 24, 2015, at 1:00 p.m., LA County Fire Department
Headquarters, 1320 N. Eastern Ave., Training Room 15, Los Angeles, CA 90063.



COMMITTEE MEETING INFORMATION

Members of the public are invited to address the LA-RICS Committee on any item on the agenda prior to action by the Committee on that specific item. Members of the public may also address the Committee on any matter within the subject matter jurisdiction of the Committee. The Committee 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) comment cards 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 Committee'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.)

Members of the public who wish to address the Committee are urged to complete a Speaker Card and submit it to the Committee Secretary prior to commencement of the public meeting. The cards are available in the meeting room. However, should a member of the public feel the need to address a matter while the meeting is in progress, a card may be submitted to the Committee Secretary prior to final consideration of the matter.

It is requested that individuals who require the services of a translator contact the Committee 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 at least 72 hours prior to the meeting you wish to attend. (323) 881-8291 or (323) 881-8295

SI REQUIERE SERVICIOS DE TRADUCCION, FAVOR DE NOTIFICAR LA OFICINA CON 72 HORAS POR ANTICIPADO.

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



FINANCE COMMITTEE REGULAR MEETING MINUTES

LOS ANGELES REGIONAL
INTEROPERABLE COMMUNICATIONS SYSTEM AUTHORITY

July 23, 2015
LA County Fire Department Headquarters
1320 N. Eastern Ave., Training Room 26, Los Angeles, CA 90063

Committee Members Present:

Patricia Whelan, Vice-Chair - City of Los Angeles, LAPD
Matias Farfan, City of Los Angeles, Legislative Analyst Office
John Geiger, Chair - County of Los Angeles CEO
Doug Cline, County of Los Angeles Fire Dept.
Cynthia Evans, County of Los Angeles Sheriff's Dept.
Kay Fruhwirth, County of Los Angeles DHS/EMS
David Lantzer, Los Angeles Area Fire Chiefs
Dan Jordan, California Contract Cities

Alternate Committee Members Present:

Annemarie Sauer, City of Los Angeles CAO
Drew Steinberg, City of Los Angeles Fire Dept.

Officers Present:

Patrick Mallon, LA-RICS Executive Director
Susy Orellana-Curtiss, LA-RICS Project Team
Beatriz Cojulun, Committee Secretary

Absent:

Ed Roes, City of Los Angeles CAO
June Gibson, City of Los Angeles Fire Dept.
Jose Santome, Los Angeles Unified School District
Daniel Calleros, Los Angeles Police Chiefs Assoc.

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AGENDA ITEM A



I. CALL TO ORDER

II. ANNOUNCE QUORUM – Roll Call

Chair John Geiger made an acknowledgement that a quorum was present and asked for roll call.

III. APPROVAL OF MINUTES (A-B)

A. July 24, 2014 – Regular Meeting Minutes

Committee Member Kay Fruhwirth called the first, Committee Member Dan Jordan called the 2nd. **MOTION APPROVED.**

B. June 30, 2015 – Special Meeting Minutes

Committee Member Fruhwirth called the first, Committee Member Patricia Whelan called the 2nd. **MOTION APPROVED.**

IV. REPORTS (C)

C. Director's Report – Pat Mallon

▪ **Funding Plan Status:**

- Ad Hoc Committee was tasked with developing an alternate funding plan. Since there was a vacancy of the chairperson, there were no discussions since then. John Geiger has returned and assumed leadership of the Ad Hoc Committee. Therefore, discussion will continue within the next 30 days.

▪ **LTE Project Status:**

- Executive Director Mallon provided handouts and went over both the Construction Site map and the LTE system coverage map. There are 18 sites completed; and 29 under construction. The Coverage map



was requested at the last meeting by Committee Member June Gibson.

- As a result of the stop and start, negotiations with contractor to settle additional claims are in discussion with Authority Counsel with a goal to submit an amendment to the Board no later than September 15, 2015.
 - At the last Board of Directors meeting there were seven Master Agreements submitted for approval for User Equipment. All purchases associated with the grant must be completed before the September 30, 2015 deadline.
 - LA-RICS received a preliminary design from Motorola for the LMR deployment and is awaiting analysis on some coverage questions which should be received in a couple of weeks. The City of LA had questions with a few options regarding coverage within the city. Once that is done LA-RICS can move forward with a frequency plan as well as the final design.
 - We anticipate the need to present an amendment for Board consideration to the Jacobs contract relative to the Environmental Impact Report (EIR) and Environmental Assessment work the project requires.
- Grant Status:
 - BTOP grant expires on September 30, 2015 and there is minimal potential for an extension. NTIA has approved multiple billings and drawdowns during a month to assist with the grant closeout.
 - There is a proposed Memorandum of Understanding (MOU) that is a UASI Approval Authority directive, for LA-RICS and ICIS to work together and will be on the August 6, 2015 LA-RICS Board Agenda for discussion.

V. PUBLIC COMMENTS – (None)



VI. DISCUSSION ITEMS (D)

D. CONTINGENCY PLAN ON SUPPLANTING ISSUES/SOURCE OF FUNDING FOR PROJECT STAFF

Executive Director Mallon stated that at the last Board Meeting there were some questions regarding the support staff costs and there has been direction that the Finance Committee considers options.

Susy Orellana-Curtiss stated that the Proposed Draft FY2015-16 Operating Budget includes a line item for project staff assigned to the LA-RICS Project. A portion of the staff is covered by the BTOP grant through September 30, 2015. Ms. Orellana-Curtiss stated that there is a \$2.485 million allocation, including filling of vacant positions, on hold due to the current pending resolution on the supplanting issue. The \$2.485 is identified in the Proposed Draft FY2015-16 Operating Budget, under Grant Funded Expenditures, Project Team line item. This amount is for those project team members is identified as grant funded by either the UASI or SHSGP grants.

Ms. Orellana-Curtiss went on to explain that the initial UASI application was submitted in line with the adoption of the Funding Plan and the adoption of the FY2014-15 budget, where the LA-RICS Authority adopted/determined what was to be funded by JPA Member Funded Operations, funded by grants, and other funds. A decision was just recently conveyed to LA-RICS of possible supplanting in the request to fund project team staff by the UASI Grant Administrator.

Alternate Committee Member Drew Steinberg stated that the Approval Authority of the UASI grant has the decision to make whether or not a project is approved. In addition to FEMA making a final determination as to approval, it will be the UASI Authority that makes the decision.

Executive Director Mallon stated that the issue faced today is that that the County has allowed LA-RICS to assign staff from various County departments and has paid for the project team costs via an advance, out of the revolving fund account, which pays for grant-funded activities, replenished once claims are paid by the grantors. There is no agreement that obligates the County to support staffing; the County does not have to pay for staffing. With no budgeted funds in the County's budget, and the Authority having no funds contemplated in the adopted funding plan, what is left is to address who will pay for these expenditures, if the grant does not.

Alternate Committee Member Steinberg stated she understood the County would be able to fund the staff in FY 15-16, is that not accurate? Ms. Orellana-Curtiss



stated funding provided to pay for the staff would be a loan, per footnote 1 in the summary page of the draft FY15-16 budget.

Executive Director Mallon stated the funding plan would need to be modified. As proposed in an alternative funding plan, operating cost would be divided between LA City and County with a share coming from other subscribing agencies.

Committee Chair Geiger clarified that a decision is still to be reached for personnel and there may be a recommendation to put it in with the standard pro rata assessment that there is a geographic assessment to each member or may be forwarded into the risk-based plan for the two larger entities to split.

Ms. Orellana-Curtiss went over page one and explained and clarified questions raised by Committee members. A question arose from Committee Member Farfan regarding determining the separation of LMR and LTE systems / is there comingling, since funding would come from UASI/SHSGP and BTOP, as well as the separation of construction budget. Ms. Orellana-Curtiss stated that there is a separation of the staff funding source through the end of September 2015. The project team total is \$3.866 million for both LTE and LMR, of which BTOP funding is \$1.381 million for work to support the LTE system, and \$2.485 million is from UASI/SHSGP for work to support the LMR project. She went on to say that the assignment/funding of staff is based on projected time spent working on each project, with time-studies supporting the work split, a fifty-fifty split applied to a majority of staff. The projected figures reflect staff dedicated to the LTE project, reflecting significant work anticipated to close out the grant/project through the end of September. The level of effort is reflected in the \$1.381 million. After that date, project staff is fully funded by the LMR grants.

Alternate Committee Member Steinberg stated staff will continue to work on the operations of the LTE system, how will they be funded by UASI / SHSGP? Ms. Orellana-Curtiss clarified upon conclusion of the BTOP grant, we will not distinguish between LTE and LMR work, as there won't be one LTE dedicated grant to ensure separation from. And thus, LA-RICS will fund staff as the City of Los Angeles currently funds their staff assigned to the LA-RICS project, where they work on both LTE and LMR projects, but are 100% funded by UASI grant.

Alternate Committee Member Drew Steinberg said that is a separate entity, that's not part of the LA-RICS operating budget, the city team, so how will we have LA-RICS project team members working on LTE and LMR? Ms. Orellana-Curtiss stated we would fund the project just as the City of Los Angeles does. Alternate Committee Member Steinberg stated the UASI funds are intended solely for LMR and not for LTE work.



Ms. Orellana-Curtiss stated if required, LA-RICS would request the UASI/SHSGP Approval Authorities to fund the project team without a distinction of whether they work on LMR or LTE. Alternate Committee Drew Steinberg stated at the Board meeting it was mentioned SHSGP would be funding the project team, is that accurate? Ms. Orellana-Curtiss stated a letter confirming that has been requested, but confirmation was received by the SHSGP grant administrator that it would be allowed, and have encouraged submission of claims for the same. The issue we have is the available funds awarded to LA-RICS under SHSGP only cover the un-reimbursed project staff costs for FY14-15; however, there are not sufficient funds to cover expenditures for FY15-16.

Committee Member Farfan asked if this budget did not contemplate the construction of the system, and there is a separate budget for construction? Ms. Orellana-Curtiss stated the Contractors/Consultants Services line item identifies the cost for the construction of the system, as well as activities through the warranty period (one year effective 10/1/2015), and thus those expenditures are reflected in this budget.

Committee Member Kay Fruhwirth asked if we are able to bill SHSGP for project staff why, if FEMA administers both UASI and SHSGP grants, is it not supplanting for SHSGP and it is for UASI? Ms. Orellana-Curtiss stated that LA-RICS is looking for the opportunity to have those discussions with FEMA as it may just be a misunderstanding.

Alternate Committee Member Drew Steinberg asked if the intention was for the same staff being funded by SHSGP in FY 14-15 will be funded by UASI in 15-16, with no crossing over of fiscal year. Ms. Orellana-Curtiss stated yes.

Committee Member Farfan addressed the organizational chart, specifically asking about County Counsel, and wanted to understand what those four positions were for. Ms. Orellana-Curtiss clarified examples such as Counsel and Auditor-Controller, the Authority pays for time billed for their services but not full time bodies, however distinction in number of positions are identified due to their area of expertise, for example, one construction counsel, one site access agreement counsel, one environmental counsel, etc. They do not actually work full time, and the staff hours included in the budget is projected hours for each specialty's time, payable only as appropriately billed.

Committee Chair Geiger asked if aside from seeking clarification from FEMA regarding the supplanting issue, has LA-RICS also been in dialogue with the UASI Approval Board. The Authority is waiting to hear from FEMA, but this was the first LA-RICS had heard that it had to go back to the Approval Authority, therefore will be submitting modification.



Committee Member Matias Farfan questioned approving the whole amount at this time, for the funding sources that are solid. He asked if the budget could be approved in a lower amount in the interim, while other options are looked at. He suggested lowering the budget amount in order to maintain staffing in the short term. Chair Geiger asked would the amount be if vacant positions were backed out.

Ms. Orellana-Curtiss stated that in anticipation of a request to approve a smaller amount for project staff, she went ahead and did a pro rata amount of \$207,000 a month for staffing. There is also a line item that has certain management/administrative positions that were never included in the request for funding at the time of grant application over a year ago. These positions were never considered fundable by the UASI/SHSGP grants, as they were deemed management and administration. In discussions with the SHSGP grant administrators, it may help to gain expedited approval if positions were renamed to reflect the functional work vs. the title/job specification that do not align with the work being performed, for example, the Executive Assistant could be misconstrued as providing support to the Executive Director, when in reality she manages the site access agreements and outreach projects, among other allowable deliverables; therefore the grant administrators have recommended assigning functional titles to align with what is really being done.

Committee Member Steinberg recommended the option of staffing the project with consultants, as that didn't appear to be a problem with the grantor. Director Mallon stated it could be done, however, would negatively impact the project, as those staffers are billed on a loaded rate, very likely increasing costs, as well as being counterproductive, losing institutional knowledge gained by the current project staff. The Executive Director pointed out the staff is contracted via contract between the County and the Authority.

It was suggested by Committee Member Fruhwith that LA-RICS explore speaking with FEMA regarding the contracted staff and be able to bill under that, since they don't appear to have problems with funding consultants, in essence, these project team member, brought on-board via agreements/MOU are in fact contracted team members. Executive Director Mallon stated that LA-RICS does not have direct contact with FEMA; it is through the City of LA for UASI and the LA County CEOs office for SHSGP. Ms. Orellana-Curtiss stated that it was a good idea and LA-RICS could request to share the MOU and Master Agreement for each staff position assigned to the project to show that they are each contracted.

There are a number of alternatives relative to the question of supplanting:

- 1) Finding clearance that supplanting is not an issue and maintain the budget as-is; or



- 2) Establish a Pro rata assessment and pass this on to members via amendment to the adopted funding plan; or
- 3) Include these costs into the Risk based alternative funding plan of FY2015-16 and share the cost by those agencies absorbing the risk; or
- 4) Establish a contractor-based support staff using a private contractor to provide those services; or
- 5) Reduce or eliminate staff.

Committee Member Farfan asked if moving forward, LA-RICS was moving towards having employees. Director Mallon stated the Board was opposed to retaining employees due to liabilities assumed, when taking on employees. Committee Member Farfan asked how other JPA's, for example the Crime Lab, handled employee situation. Director Mallon confirmed there were no employees, only contributed staff by each of the members on the project (University, LAPD and LASD).

If there is any new information for the Committee to address, there might be a Special Finance Committee Meeting on Tuesday, August 4, 2015, before the next Board of Directors meeting on Thursday, August 6, 2015. If no new information, then the current options will be disclosed to the Board. **MOTION APPROVED by unanimous vote.**

VII. ADMINISTRATIVE MATTERS (None)

VII. MISCELLANEOUS – (None)

V. PUBLIC COMMENTS – (None)

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

VII. CLOSED SESSION REPORT – (None)

VIII. ADJOURNMENT and NEXT MEETING:

Chair Geiger announced adjournment of this meeting at 2:00 p.m. The Committee's consensus was unanimous.

The next Committee meeting will take place on Thursday, August 27, 2015, at 1:00 a.m., at the same place, LA County Fire Department Headquarters.

MEMORANDUM OF UNDERSTANDING BETWEEN LA-RICS AND ICIS

1. This Memorandum of Understanding (MoU) is entered into by the Joint Powers Authority (JPA) for the Los Angeles Regional Interoperable Communications System (LA-RICS) and the JPA for the Interagency Communications Interoperability System (ICIS) in order to further the goal of achieving Land Mobile Radio (LMR) interoperability for all first responder agencies operating in the County of Los Angeles.
2. The overall LMR goal for both LA-RICS and ICIS is that radios used by first responders in Los Angeles County (the County) should work and be able to communicate, as needed, on a channel or frequency, with any and all other first responders operating in the County, without patches or other cumbersome workarounds.
3. The consequences of not achieving LMR interoperability will be profound, especially during and following a large-scale disaster or terrorist attack within the County. Interoperability will likely save lives. It will also facilitate mutual aid requests and response to law enforcement and fire emergencies that cannot be handled by and/or go beyond the capacity of one jurisdiction or which implicate multiple jurisdictions within the County.
4. LA-RICS has contracted for and is in the process of building a county-wide LMR interoperable system.
5. ICIS was formed in 2003 to govern the development of an LMR interoperable system within Los Angeles County for member and subscribing agencies.
6. The LA-RICS LMR system will be based on the installation of communication facilities at new and existing monopole and lattice tower and roof top sites throughout the County.
7. The ICIS LMR system is a system of systems. It links existing LMR systems in the member cities of ICIS by trunking repeater towers owned and maintained by member cities and linking them to a Central Switch or Master Site located in Glendale.
8. Limited funding is available to achieve the region's goal of interoperability. To be effective, efficient, and responsible with the funding available, it is necessary to

maximize uses of existing infrastructure and the uses of the infrastructure that is planned to be built.

9. It is in the best interests of both LA-RICS and ICIS to achieve an overarching LMR system that enables first responders in the County immediately to communicate via radio, as and when needed and pursuant to appropriate protocols, on a dedicated channel or frequency, with radios being used by any and all other first responders in the County, without patches or work arounds.
10. Therefore, both LA-RICS and ICIS, through their respective governing boards, mutually agree to the following:
 - a. The goal of achieving an overarching LMR system will be achieved by adopting a “system of system” (SoS) approach. A SoS will build on existing P-25 compliant systems and avoids unnecessary duplication of repeater towers and central switches. Under a SoS, cities and entities with existing systems will continue to own, control and maintain them and will make them available to all other members and participants as part of the larger County-wide interoperable system.
 - b. As part of the SoS approach, ICIS and LA-RICS, as soon as the latter becomes operational, will be integrated or linked to create interoperability.
 - c. This MoU may be amended as needed to include any cities and entities desiring to integrate or link their systems as part of the SoS approach.
 - d. A joint technical committee of LA-RICS and ICIS will be formed immediately, but no later than thirty (30) days hereof, and tasked to study and determine the best technical design to accomplish an integration of the two systems to create interoperability across the County. The joint technical committee will be selected by the JPA Chair, on behalf of LA-RICS, and by the Executive Director of ICIS, on behalf of ICIS. Each will select up to three (3) technical representatives.
 - e. Because a significant portion of the region’s interoperability effort is being funded through the Urban Area Security Initiative (UASI) grants, the technical committee will be chaired by a designee of the UASI Approval Authority. At this time, the Approval Authority’s designee is the Honorable Robert C. Bonner. Should for any reason Judge Bonner not be able to

AGENDA ITEM C – ENCLOSURE 1

fulfill these responsibilities, the Approval Authority shall designate an alternate.

- f. The joint technical committee shall involve the LA-RICS contractor, Motorola Solutions, in their discussions, as needed to define the process and timeline for integration. Judge Bonner (or the Approval Authority's designee) shall provide written updates regarding the progress of the joint technical committee to the Approval Authority.
- g. The joint technical committee will develop a report containing its recommended integration plan. The plan shall include a timeline that jointly identifies and prioritizes recommended design, equipment, and installation needs. The joint technical committee shall provide their report and recommendation to the JPA boards of LA-RICS and ICIS within 90 days of the effective date of this MOU. Judge Bonner shall approve the recommended integration plan and present it to the Approval Authority.

This memorandum of understanding is effective on _____, 2015.

THE LOS ANGELES REGIONAL
INTEROPERABLE COMMUNICATIONS
SYSTEM AUTHORITY

THE INTERAGENCY
COMMUNICATIONS
INTEROPERABILITY SYSTEM

A California Joint Powers Authority

A California Joint Powers Authority

By: _____
Print Name:
Its:

By: _____
Print Name:
Title:

MEMORANDUM OF UNDERSTANDING BETWEEN LA-RICS AND ICIS

1. This Memorandum of Understanding (MoU) is entered into by the Joint Powers Authority (JPA) for the Los Angeles Regional Interoperable Communications System (LA-RICS) and the JPA for the Interagency Communications Interoperability System (ICIS) in order to further the goal of achieving Land Mobile Radio (LMR) interoperability for all public safety~~first responder~~ agencies operating in the County of Los Angeles.
2. The overall LMR goal for both LA-RICS and ICIS is that radios used by first and second responders in Los Angeles County (the County) should work and be able to communicate, as needed, on a channel or frequency or talk groups, with any and all other first and second responders operating in the County, without patches or other cumbersome workarounds.
3. The consequences of not achieving LMR interoperability will be profound, especially during and following a large-scale disaster or terrorist attack within the County. Interoperability will likely save lives. It will also facilitate mutual aid requests and response to law enforcement and fire emergencies that cannot be handled by and/or go beyond the capacity of one jurisdiction or which implicate multiple jurisdictions within the County.
4. LA-RICS has contracted for and is in the process of building a county-wide LMR interoperable system.
5. ICIS was formed in 2003 and is an existing County-wide operating system to govern the development of an LMR interoperable system within Los Angeles County for member and subscribing agencies. ICIS has been fully operational since 2004 and is an existing single-platform Project 25 digital trunked LMR system operating throughout the county in support of thirty-seven public safety agencies and twenty three 9-1-1/Dispatch Centers. ICIS members - and cities actively migrating to ICIS membership - are optimizing existing interoperable system cells, and replacing non-interoperable system sites, through the installation of upgraded communications equipment at existing towers and rooftop locations.
6. The LA-RICS LMR system will be based on the installation of communication facilities at new and existing monopole and lattice tower and roof top sites throughout the County.

7. The ICIS LMR system is a system of like systems. It links existing LMR systems in the member cities of ICIS by trunking repeater towers owned and maintained by member cities and linking them to a Central Switch or Master Site located in Glendale. Each member maintains its own system cell on a platform that is standardized to the ICIS system and employs the same technologies.
8. Limited funding is available to achieve the region's goal of interoperability. To be effective, efficient, and responsible with the funding available, it is necessary to maximize uses of existing infrastructure and the uses of the infrastructure that is planned to be built.
9. It is in the best interests of both LA-RICS and ICIS to achieve an overarching LMR system that enables first responders in the County immediately to communicate via radio, as and when needed and pursuant to appropriate protocols, on a dedicated channel or frequency or talk group, with radios being used by any and all other first responders in the County, without patches or workarounds.

10. The purpose of this joint system access agreement is to establish interoperability for purposes of essential communications during the course of official public safety operations and field emergencies. Resources of either system shall not routinely roam into nor operate upon the others network in a manner that unnecessarily adversely affects a cells loading capacity. Systems may restrict the access to and loading of their network on a cell by cell basis at the discretion of the system cell owner in order to preserve essential capacity and capability.

~~10-11.~~ Therefore, both LA-RICS and ICIS, through their respective governing boards, mutually agree to the following:

- a. The goal of achieving an overarching LMR system will be achieved by adopting a "system of system" (SoS) approach. A SoS will build on existing P-25 compliant systems and avoids unnecessary duplication of repeater towers and central switches. Under a SoS, cities and entities with existing systems will continue to own, control and maintain them and will make them available to all other members and public safety agency participants as part of the larger County-wide interoperable system by means of interfacing and integration technologies. System owners may employ reasonable and appropriate system loading limitations necessary to ensure said access does not interfere with that system's vital operations. Access to and sharing of existing systems will be via

AGENDA ITEM C – ENCLOSURE 2

interfaces and integration agreed to by both the LA-RICS and ICIS governance bodies.-

- b. As part of the SoS approach, ICIS and LA-RICS, as soon as the latter becomes operational, will be integrated, interfaced, or linked to create interoperability. For purposes of this agreement, integrated, interfaced, or linked means the technological joining of both the LA-RICS and ICIS LMR systems to effectively enable the systems to operate as a single platform for purposes of interoperability, as well as the policy level approval of cross-platform radio programming, talk group access, and encryption sharing.-or linked to create interoperability.
- c. This MoU may be amended as needed to include any cities and entities desiring to integrate or link their systems as part of the SoS approach to either the LA-RICS or ICIS platform.
- d. A joint technical committee of LA-RICS and ICIS will be formed immediately, but no later than thirty (30) days hereof, and tasked to study and determine the best technical design to accomplish an integration or linking of the two systems to create interoperability across the County. The joint technical committee will be selected by the JPA Chairs of LA-RICSLARICS and ICIS. Each will select up to three (3) technical representatives. The joint technical committee shall function as an advisory body to the Urban Area Security Initiative (UASI) Approval Authority.
- e. Because a significant portion of the region's interoperability effort is being funded through the UASIUrban Area Security Initiative (UASI) grants, the technical committee will be chaired by a designee of the UASI Approval Authority. At this time, the Approval Authority's designee is the Honorable Robert C. Bonner. Should for any reason Judge Bonner not be able to fulfill these responsibilities, the Approval Authority shall designate an alternate.
- f. The joint technical committee shall involve representatives of the LA-RICS and ICIS contractor, Motorola Solutions, in their discussions, as needed to define the process and timeline for integration. Judge Bonner (or the Approval Authority's designee) shall provide written updates regarding the progress of the joint technical committee to the Approval Authority.

AGENDA ITEM C – ENCLOSURE 2

- g. The joint technical committee will develop a report containing its recommended integration, interface, or linking plan. The plan shall include a timeline that jointly identifies and prioritizes recommended design, equipment, and installation needs. The joint technical committee shall provide their report and recommendation to the JPA boards of LA-RICS and ICIS for their approval within 90 days of the effective date of this MoU. Judge Bonner shall approve the recommended integration plan and present it to the Approval Authority.

This memorandum of understanding is effective on _____, 2015.

THE LOS ANGELES REGIONAL
INTEROPERABLE COMMUNICATIONS
SYSTEM AUTHORITY

THE INTERAGENCY
COMMUNICATIONS
INTEROPERABILITY SYSTEM

A California Joint Powers Authority

A California Joint Powers Authority

By: _____
Print Name:
Its:

By: _____
Print Name:
Title:

Executive Summary:

Project Overview

The Los Angeles Regional Interoperable Communication System (LA-RICS) is a modern collaborative effort of law enforcement, fire service, and health service professionals with the goal to provide a single, unified voice and data communication platform for all regional public safety agencies. When completed, LA-RICS will cover over 4,000 miles of diverse terrain and serve over 34,000 first responders working across 85 municipalities. LA-RICS will incorporate both a land mobile radio ("LMR") system and a wireless broadband data system. The LMR system will be a P25 digital, trunked system while the data system will be built using long term evolution ("LTE") wireless standards. LA-RICS will allow interagency coordination and response to routine, emergency, and catastrophic events.

A Joint Powers Authority ("Authority") has been established in January 2009, to engage in regional and cooperative planning and coordination of governmental services. The JPA Board includes 14 Directors who represent a cross-section of first responder stakeholders who all share in the decision-making process, and has responsibility for setting policy and providing oversight on behalf of the Authority's Members. The following details the Amended FY 2015-16 LA-RICS Operating Budget.

LA-RICS Adopted Amended Operating Budget Fiscal Year 2015-16

Grant Funded Expenditures

Land Mobile Radio System (LMR). Expenditures reimbursable under the Urban Area Securities Initiative (UASI) and the State Homeland Security Grant Program (SHSGP).

Long Term Evolution (LTE). Expenditures reimbursable under Broadband Technologies Opportunity Program (BTOP).

Cash Match and Member Funded JPA Operations (County of Los Angeles Loan)

The Broadband Technologies Opportunity Project (BTOP) Cash Match, Member Funded JPA Operations and LTE Administrative Cost will be provided by the County of Los Angeles as a loan. LA-RICS Members will be responsible for repayment of these items upon conclusion of the opt-out period, in accordance with the Adopted Funding Plan. This includes the Member Funded JPA Operations line item for 14-15, which was also provided by the County of Los Angeles as a loan.

Los Angeles County Project Team

Cost associated with salaries and employee benefits of project staff from various County of Los Angeles (County) departments, assigned to the LA-RICS project through a Master Agreement and Memorandum of Understanding between the Authority and the County Chief Executive Office (CEO). Project staff provide support relating to daily operations of the project, including services listed below, illustrated in the LA-RICS organizational chart.

PROJECT TEAM	BTOP Funding	UASI/SHSGP Funding	Yearly Costs (Salary & Employee Benefits)
<u>DISTRICT ATTORNEY (DA)</u>			
Fiscal Officer I	70,253	0	151,943
Administrative Deputy II	55,832	0	223,329
DA Total	126,085	0	\$ 375,272
<u>TREASURER & TAX COLLECTOR (TTC)</u>			
Staff Assistant II	24,491	73,473	97,964
TTC Total	24,491	73,473	\$ 97,964
<u>PARKS & RECREATION (PR)</u>			
Administrative Services Manager I	36,104	0	144,418
PR Total	36,104	0	\$ 144,418
<u>PUBLIC WORKS (PW)</u>			
Senior Management Secretary III	29,326	37,979	117,306
PW Total	29,326	37,979	\$ 117,306
<u>SHERIFF (SH)</u>			
Senior Secretary III	22,540	17,621	90,161
SH Total	22,540	17,621	\$ 90,161
<u>PROBATION (PB)</u>			
Administrative Services Manager II	37,095	28,480	148,381
Executive Assistant	46,321	113,962	185,283
PB Total	83,416	142,443	\$ 333,664

AUDITOR CONTROLLER (A/C)

Administrative Services Manager I	16,937	82,562		135,499
A/C Total	16,937	82,562	\$	135,499

ISD

Administrative Services Manager III	23,941	24,440		191,531
ISD Total	23,941	24,440	\$	191,531

UNFILLED POSITIONS

Administrative Services Manager I	0	0		140,576
Accounting Officer II	0	0		123,507
Staff Assistant II	0	0		97,964
Senior Secretary III	0	0		92,567
Unfilled total	0	0	\$	454,614

AUDITOR CONTROLLER (A/C)

S&EB

Principal Accountant	1,250	5,751		10,001
Supervising Accountant	11,150	6,047		17,196
Accountant III	2,643	2,502		5,146
Accountant II	15,668	13,678		29,346

S&S

Travel Administrative Cost	2,000			2,000
Single Audit	0	0		50,000
A/C Total	32,711	27,978	\$	113,689

COUNTY COUNSEL

Principal/Senior County Counsel (4)	434,819	251,891		836,710
County Counsel Total	434,819	251,891	\$	836,710

INTERNAL SERVICES DEPARTMENT (ISD)

Administrative Manager XIII	27,504	92,527		220,031
Sr. Telecom Systems Engineer (5)	105,564	445,658		844,509
Supervising Telecom System Engineer	23,763	166,340		190,103
ISD Total	156,830	704,526	\$	1,254,643

LOS ANGELES COUNTY SHERIFF (LASD)

S&EB

Lieutenant (1)	63,594	190,782		254,376
Sergeant (2)	116,960	350,881		467,842
Deputy (4)	166,192	498,577		664,769
Operations Assistant III (1)	27,282	81,847		109,130
S&EB Total			\$	1,496,117

S&S

Human Resources & Procurement Services	20,000	0		40,000
Station B & Station On Wheel (SOW) MOU				200,000
LASD Total	394,029	1,122,088	\$	1,736,117

Total of Project Team			\$	5,882,000
Project Salary Savings			\$	883,500
Budgeted for FY 15-16			\$	4,998,500

Travel & Training

Cost associated with travel and training approximately 20 project staff to support the project goals and mission. Travel associated with Public education, outreach meetings, airfare charges, transportation charges, per diem, and related conference fee/meeting registration charges.

Travel & Training - Financing Sources

BTOP				50,000
UASI/SHSGP Grants				100,000
Member Funded JPA Operations				50,000

TOTAL		\$		200,000
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Services & Supplies

Cost associated with supplies required for daily operations at the LA-RICS Headquarters.

Supplies - Financing Sources

BTOP				50,000
Member Funded JPA Operations				150,000

TOTAL		\$		200,000
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Admin and legal Contractors

Cost associated with grant funded professional services agreements and contracts between the Authority and consultant for various services, including: LA-RICS Executive Director, legal services executed contract for support in matters relating to the Federal Communications Commission (FCC), Audit Preparation support earmark of \$100,000 for a contract to be brought before the Board for approval, if needed, as well as support from the County of Los Angeles Department of Public Works for Building & Safety and other construction/permit-related support, CEO Real Estate Division for site access negotiations and execution, addition of GF Bunting firm to provide assistance with outreach services, and the Department of Regional Planning for zoning and construction support.

ADMIN AND LEGAL CONTRACTORS	Maximum Contract Sum	Funding Source
Executive Director	219,000	50% BTOP & 50% UASI/SHSGP Grants

Legal Services (FCC Support)	105,000	UASI/SHSGP Grants
MISC Contracts (CPA Firm / Audit Preparation)	100,000	100% BTOP
MISC County Contracts (DPW, CEO, CEO RED, Regional Planning)	<u>350,000</u>	50% BTOP & 50% UASI/SHSGP Grants
	774,000	

Admin and Legal Contractors - Financing Sources

BTOP		171,000
UASI/SHSGP Grants		603,000
TOTAL	\$	774,000

Miscellaneous

Cost associated with miscellaneous fees, including utilities, as well as LMR & PSBN Notices of Exemption (NOE) as well as rental fees for use of public meeting facilities.

Miscellaneous - Financing Sources

BTOP		38,000
UASI/SHSGP Grants		50,000
Member Funded JPA Operations		62,500
TOTAL	\$	150,500

Capital Assets & Furniture

Cost associated with fixed asset purchases made by the Authority to support daily operations.

Capital Assets & Furniture - Financing Sources

BTOP		25,000
Member Funded JPA Operations		75,000
TOTAL	\$	100,000

Other Charges

Includes cost associated with LA-RICS JPA Insurance, Commercial Property Insurance and FCC Licensing.

Other Charges - Financing Sources

BTOP		39,000
UASI/Grant		1,000,000
Member Funded JPA Operations		116,000
TOTAL	\$	1,155,000

Lease, Tenant Improvements & Other Services – Suite 100 & 200

Cost associated with Lease of LA-RICS office at 2525 Corporate Place, Suite 100 & 200, Monterey Park, CA 91754.

Lease, Tenant Improvements & Other Services Financing Sources

BTOP		63,000
Member Funded JPA Operations		222,000
TOTAL	\$	285,000

Contractors/Consultants Services

This includes project management, engineering, environmental studies, outreach, and deployment of the system (LMR & LTE).

CONTRACTORS/CONSULTANTS SERVICES	Maximum Contract Sum	Funding Source
Project Construction Management* (1) (Jacobs Contract)	1,728,000	BTOP
	6,293,000	UASI 11
	4,390,000	UASI 12
Broadband Engineering (Televate Contract)	600,000	BTOP
	150,000	SHSGP 14
	550,000	SHSGP 15
Telecommunications & Devices Contractors	56,493,000	BTOP
	9,500,000	BTOP
	1,257,000	BTOP Cash Match
	8,916,000	UASI 11
	11,441,000	UASI 12
	13,744,000	UASI 13
Total Contractors/Consultants & Misc. Services	115,062,000	

* (1) Amounts based on Jacob's Contract, Estimates & Projected Schedule

Contractors/Consultants Services - Financing Sources

BTOP		68,321,000
BTOP Cash Match		1,257,000
UASI/SHSGP Grants		45,484,000
TOTAL	\$	115,062,000

Total Grant Funded Expenditures (\$131,857,000) exclude the BTOP Cash Match line items in FY 15-16. The BTOP Cash Match expenditures (\$2,594,000) are being provided by the County of Los Angeles as a loan. LA-RICS Members will begin repayment of BTOP Cash Match expenditures, Member Funded JPA Operations and LTE Administrative Cost upon conclusion of the opt-

out period, in accordance with the Adopted Funding Plan.

Member Funded JPA Operations - Cost associated with non-grant funded salaries and employee benefits of project staff, which include 50% of the salary and employee benefits from 07/01/2015 through 09/15/2015 and 100% from 09/16/2015 through 06/30/2015 corresponding to the following positions:

- *Administrative Deputy II*
- *Fiscal Officer I*
- *Administrative Services Manager I (Grants)*

These positions are 50% grant-funded by the BTOP (LTE) grant, but have been deemed unallowable for grant reimbursement by the SHSGP/UASI (LMR) grants as these positions are considered management and administration, and thus are included in the Member Funded JPA Operations line item.

Member Funded JPA Operations also include line items which could not be funded by UASI 11 & 12 Grants as grantor required expenditures be dedicated to design & construction in this Fiscal Year. The Authority will continue to pursue funding of these line items in subsequent Fiscal Years:

- *Certain travel & training supporting the project goals;*
- *Supplies required for daily operations;*
- *Miscellaneous fees including utilities fees for testing each site, NOE and rental fees for Grace E. Simmons Lodge, etc.;*
- *Liability Insurance for LA-RICS JPA and Commercial Property Insurance; and*
- *Fixed asset, furniture purchase, and lease of LA-RICS offices.*

**Los Angeles Regional Interoperable Communications System (LARICS)
Adopted Amended Operating Budget
Fiscal Year 2015-16**

FINANCING USES	FY 2015-16 ADOPTED	FY 2015-16 AMENDED
<u>Grant Funded Expenditures</u>		
Project Team	3,866,000	3,866,000
BTOP Cash Match (1)	1,381,000	1,381,000
UASI/SHSGP Grants	2,485,000	2,485,000
Travel & Training	150,000	150,000
BTOP	50,000	50,000
UASI/SHSGP Grants	100,000	100,000
Services & Supplies	50,000	50,000
BTOP	50,000	50,000
County Contribution	0	0
Admin and Legal Contractors	774,000	774,000
BTOP	171,000	171,000
UASI/SHSGP Grants	603,000	603,000
Miscellaneous * (2)	88,000	88,000
BTOP	38,000	38,000
UASI/SHSGP Grants	50,000	50,000
Capital Assets & Furniture	25,000	25,000
BTOP	25,000	25,000
Other Charges* (3)	1,039,000	1,039,000
BTOP	39,000	39,000
UASI Grant	1,000,000	1,000,000
Lease & Other Services - Suite 100 & 200	63,000	63,000
BTOP	63,000	63,000
UASI/SHSGP	0	0
Contractors/Consultants Services	128,396,000	115,062,000
BTOP	81,655,000	68,321,000
BTOP Cash Match (1)	1,257,000	1,257,000
UASI	44,784,000	44,784,000
SHSGP	700,000	700,000
Total Grant Funded Expenditures (4)	131,813,000	118,479,000
<u>Member Funded JPA Operations (1)</u>		
Project Team	357,500	357,500
Travel & Training	50,000	50,000
Services & Supplies	150,000	150,000
Admin and Legal Contractors	0	0
Miscellaneous *(2)	62,500	62,500
Capital Assets & Furniture	75,000	75,000
Other Charges *(3)	116,000	116,000
Lease & Other Services - Suite 100 & 200	222,000	222,000
Total Member Funded JPA Operation	1,033,000	1,033,000
LTE Administrative Cost (1) (5)	775,000	775,000
BTOP Cash Match (1)	2,638,000	2,638,000
Total LTE Annual Cost	3,413,000	3,413,000
TOTAL FINANCING USES	136,259,000	122,925,000
<u>FINANCING SOURCES</u>		
Federal Grant Revenue	131,813,000	118,479,000
Member's Contribution	1,808,000	1,808,000
BTOP Cash Match (1)	2,638,000	2,638,000
Total Available Financing	136,259,000	122,925,000

* (1) BTOP Cash Match, Member Funded JPA Operations and LTE Administrative Cost will be provided by the County of Los Angeles as a loan. LA-RICS Members will be responsible for the repayment of the BTOP Cash Match, Member Funded JPA Operations and LTE Administrative Cost upon conclusion of the opt out period, in accordance with Adopted Funding Plan.

* (2) Fees including utilities, NOE and rental fees for Grace E. Simmons Lodge, etc.

* (3) Liability Insurance for LA-RICS JPA, Commercial Property Insurance and FCC Licensing.

* (4) Excludes Cash Match.

* (5) LTE Administrative Cost include certain Project Staff management & implementation of each site, contract and grant management as well as other tasks.

AGENDA ITEM D

**LA-RICS
FY 2015-2016**

PROJECT TEAM	BTOP Funding	UASI/SHSGP Funding	Yearly Costs (Salary & Employee Benefits)
<u>DISTRICT ATTORNEY (DA)</u>			
Fiscal Officer I	70,253	0	151,943
Administrative Deputy II	55,832	0	223,329
DA Total	126,085	0	\$ 375,272
<u>TREASURER & TAX COLLECTOR (TTC)</u>			
Staff Assistant II	24,491	73,473	97,964
TTC Total	24,491	73,473	\$ 97,964
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Administrative Services Manager I	36,104	0	144,418
PR Total	36,104	0	\$ 144,418
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PW Total	29,326	37,979	\$ 117,306
<u>SHERIFF (SH)</u>			
Senior Secretary III	22,540	17,621	90,161
SH Total	22,540	17,621	\$ 90,161
<u>PROBATION (PB)</u>			
Administrative Services Manager II	37,095	28,480	148,381
Executive Assistant	46,321	113,962	185,283
PB Total	83,416	142,443	\$ 333,664
<u>AUDITOR CONTROLLER (A/C)</u>			
Administrative Services Manager I	16,937	82,562	135,499
A/C Total	16,937	82,562	\$ 135,499
<u>ISD</u>			
Administrative Services Manager III	23,941	24,440	191,531
ISD Total	23,941	24,440	\$ 191,531
<u>UNFILLED POSITIONS</u>			
Administrative Services Manager I	0	0	140,576
Accounting Officer II	0	0	123,507
Staff Assistant II	0	0	97,964
Senior Secretary III	0	0	92,567
Unfilled total	0	0	\$ 454,614

AGENDA ITEM D

**LA-RICS
FY 2015-2016**

PROJECT TEAM	BTOP Funding	UASI/SHSGP Funding	Yearly Costs (Salary & Employee Benefits)
<u>AUDITOR CONTROLLER (A/C)</u>			
S&EB			
Principal Accountant	1,250	5,751	10,001
Supervising Accountant	11,150	6,047	17,196
Accountant III	2,643	2,502	5,146
Accountant II	15,668	13,678	29,346
S&S			
Travel Administrative Cost	2,000		2,000
Single Audit	0	0	50,000
A/C Total	32,711	27,978	\$ 113,689
<u>COUNTY COUNSEL</u>			
Principal/Senior County Counsel (4)	434,819	251,891	836,710
County Counsel Total	434,819	251,891	\$ 836,710
<u>INTERNAL SERVICES DEPARTMENT (ISD)</u>			
Administrative Manager XIII	27,504	92,527	220,031
Sr. Telecom Systems Engineer (5)	105,564	445,658	844,509
Supervising Telecom System Engineer	23,763	166,340	190,103
ISD Total	156,830	704,526	\$ 1,254,643
<u>LOS ANGELES COUNTY SHERIFF (LASD)</u>			
S&EB			
Lieutenant (1)	63,594	190,782	254,376
Sergeant (2)	116,960	350,881	467,842
Deputy (4)	166,192	498,577	664,769
Operations Assistant III (1)	27,282	81,847	109,130
S&EB Total		\$	1,496,117
S&S			
Human Resources & Procurement Servic Station B & Station On Wheel (SOW) MOU	20,000	0	40,000 200,000
LASD Total	394,029	1,122,088	\$ 1,736,117
Total of Project Team		\$	5,882,000
Project Salary Savings		\$	883,500
Budgeted for FY 15-16		\$	4,998,500

AGENDA ITEM D

**CONTRACTS
FY 2015-2016**

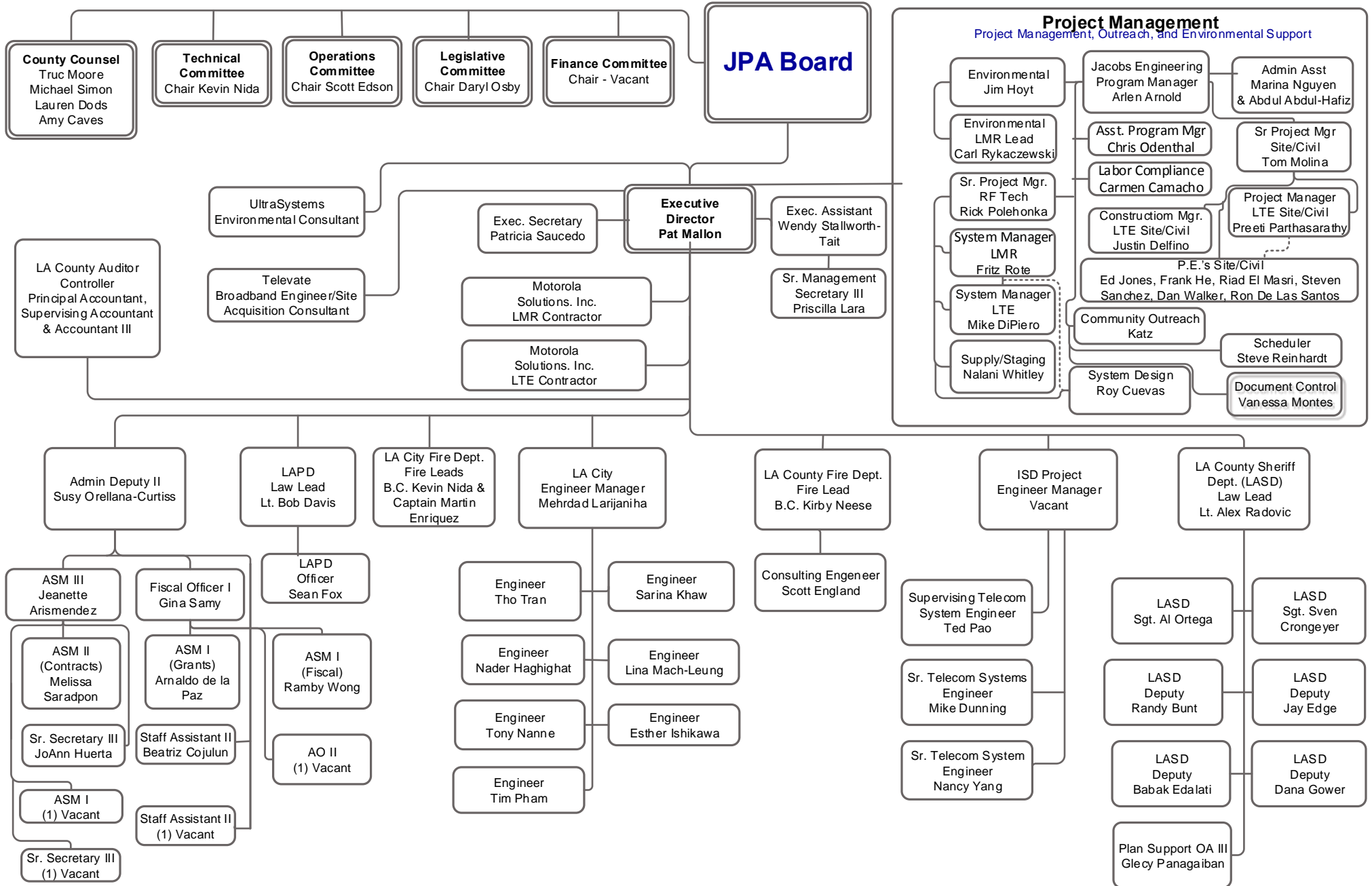
ADMIN AND LEGAL CONTRACTORS	Maximum Contract Sum	Funding Source
Executive Director	219,000	50% BTOP & 50% UASI/SHSGP Grants
Legal Services	105,000	UASI/SHSGP Grants
MISC Contracts (CPA Firm / Audit Preparation)	100,000	100% BTOP
MISC County Contracts (DPW, CEO, CEO RED, RP)	<u>350,000</u>	50% BTOP & 50% UASI/SHSGP Grants
	\$ 774,000	

CONTRACTORS/CONSULTANTS	Maximum Contract Sum	Funding Source
Project Construction Management* (1)	1,728,000	BTOP
	6,293,000	UASI 11
	4,390,000	UASI 12
Broadband Engineering	600,000	BTOP
	150,000	SHSGP 14
	550,000	SHSGP 15
Telecommunications & Devices Contractors	56,493,000	BTOP
	9,500,000	BTOP
	1,257,000	BTOP Cash Match
	8,916,000	UASI 11
	11,441,000	UASI 12
	13,744,000	UASI 13
Total Contractors/Consultants Services	\$ 115,062,000	

* (1) Amounts based on Jacob's Contract, Estimates & Projected Schedule



LA-RICS ORGANIZATION CHART



AGENDA ITEM D