

CITY OF OAKLAND

FILED
OFFICE OF THE CITY CLERK
OAKLAND

2015 APR -1 AM 1:28

AGENDA REPORT

TO: JOHN A. FLORES
INTERIM CITY ADMINISTRATOR

FROM: Donna Hom

SUBJECT: Transition to East Bay Regional
Communications Systems Authority
Network and Replacement of Portable
Radios Status Reports

DATE: March 30, 2015

City Administrator
Approval

Date

3/31/2015

COUNCIL DISTRICT: City-Wide

RECOMMENDATION

Staff recommends that the City Council receive and file this informational report on the City's replacement of portable radios.

OUTCOME

This is an informational report with no direct fiscal impact or outcome.

BACKGROUND/LEGISLATIVE HISTORY

On February 24, 2015, the Finance and Management Committee requested a status report on the East Bay Regional Communications Systems Authority (EBRCSA) transition and the replacement of the City's portable radios. **While the transition to EBRCSA and the replacement of the City's portable radios are interconnected, they are independent initiatives with separate timelines and deliverables.** As a result, *Attachment A* provides an update on the transition to EBRCSA and *Attachment B* provides an update on the replacement of portable radios.

For questions regarding this report, please contact Michael K. Kek, Assistant to the City Administrator, at (510) 238-4906.

Attachments:

A – Status Report on the Transition to EBRCSA

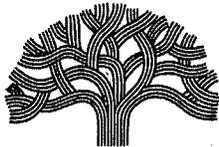
B – Status Report on the Replacement of Portable Radios

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ATTACHMENT A



CITY OF OAKLAND

AGENDA REPORT

TO: JOHN A. FLORES
INTERIM CITY ADMINISTRATOR

FROM: Donna Hom

SUBJECT: East Bay Regional Communications
System Status Report

DATE: March 28, 2015

COUNCIL DISTRICT: City-Wide

RECOMMENDATION

Staff recommends that the City Council receive and file this informational report on outstanding issues pertaining to the City's transition to the East Bay Regional Communications System (EBRCSA).

OUTCOME

This is an informational report with no direct fiscal impact or outcome.

BACKGROUND/LEGISLATIVE HISTORY

On July 15, 2014 the City Council approved Resolution No. 85113 C.M.S. (Legistar File #: 13-0546-1) which instructed the City Administrator to, along with a number of other instructions, enter into an agreement with EBRCSA to join the EBRCSA network within three months and migrate all users to EBRCSA within 24 months contingent on EBRCSA providing the City Administrator, in writing, the following:

- EBRCSA secure Memorandums of Understandings (MOUs) from member organizations to reserve a minimum of three (3) voting seats for City of Oakland representatives; as well as initiate a request to amend the EBRCSA joint powers agreement (JPA) to add an additional permanent seat for a City of Oakland representative;
- That EBRCSA present a plan to ensure effective interoperability between EBRCSA and Bay Area Rapid Transit (BART); and
- EBRCSA and the City Administration reach agreement about Oakland's termination rights.

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The City Administrator was further instructed to report to City Council that conditions have been met in October 2014 and in response, an informational report (*Attachment A-1*) and subsequent supplemental report (*Attachment A-2*) was heard at the November 12, 2014 Finance and Management Committee. As detailed in that report, EBRCSA had yet to resolve the contingencies and staff recommended that the City Administrator when substantial progress has been made on these unresolved issues.

On February 24, 2015, the Finance and Management Committee requested a status report on the EBRCSA transition and the replacement of the City's portable radios. **While the transition to EBRCSA and the replacement of the City's portable radios interconnected, they are independent initiatives with separate timelines and deliverables.** As a result, this report provides an update on the EBRCSA transition while the replacement of the City's portable radios will be addressed as part of a separate report.

ANALYSIS

Subsequent to the July 15, 2014 adoption of Resolution No. 85113 C.M.S., staff had been in regular communication with William J. McCammon, EBRCSA Director, to resolve the contingencies detailed above. Unfortunately, William J. McCammon suddenly passed away in October 2014. Tom McCarthy, the Dublin Police Chief at the time, was appointed to be Interim EBRCSA Director and while Mr. McCammon had made progress towards addressing the contingencies, a number of issues had yet to be fully resolved.

After the completion of a recruitment process, Mr. McCarthy was appointed as the permanent EBRCSA Director on January 30, 2015 and on February 28, 2015 vacated his previous position as Dublin Police Chief. Staff has been in regular communication with Mr. McCarthy and has provided him with any documents or information to assist him with the transition.

Below is an update on the resolution of the contingencies.

Secure MOUs from member organizations to reserve a minimum of three (3) voting seats for City of Oakland representatives

Status: Two (2) seats allocated through resolution and one (1) pending execution by the City.

Description: The Alameda County City Managers and the Alameda County Elected Officials Associations are allocated three EBRCSA governing board seats each. Agreements have been executed between the City and each Association to allocate one board seat from each Association for a total of two EBRCSA board seats.

The third seat was to be allocated from the Alameda County Fire Chiefs Association (ACFCA) but the agreement that was transmitted to the City for execution contains a provision that states

that: *"The ACFCA shall retain the right to appoint the alternate Board member position..."*

This provision is problematic because there should be a clear understanding that any governing board seats allocated to the City have an independent vote. The City has not executed this agreement and staff is working with the EBRCSA Director to resolve this matter. For reference, *Table 1* below details the composition of the EBRCSA Governing Board.

Table 1: Composition of EBRCSA Governing Board (bolded items represent one seat each proposed to be allocated to the City)

- (1) Alameda County Board of Supervisors
- (1) Contra Costa County Board of Supervisors
- (1) Alameda County Police Chiefs Association (to be selected by the Association)
- (1) Contra Costa County Police Chiefs Association (to be selected by the Association)
- (1) Alameda County Fire Chiefs Association (to be selected by the Association)**
- (1) Contra Costa County Fire Chiefs Association (to be selected by the Association)
- (1) Special District (to be selected by the Association)
- (1) Alameda County, County Administrator
- (1) Contra Costa County, County Administrator
- (1) Alameda County Sheriff
- (1) Contra Costa County Sheriff
- (3) Contra Costa County City Managers (to be selected by the Association)
- (3) Alameda County City Managers (to be selected by the Association)**
- (3) Contra Costa County Elected Officials (to be selected by the Mayor's Conference)
- (3) Alameda County Elected Officials (to be selected by the Mayor's Conference)**
- 23 Total Board of Directors

Initiate a request to amend the EBRCSA joint powers agreement (JPA) to add an additional permanent seat for a City of Oakland representative

Status: Amendment to the JPA agreement for a permanent City seat has yet to be presented to the EBRCSA Board of Directors. EBRCSA staff is currently exploring options to secure a permanent seat for the City.

Description: Amendment of the JPA agreement to provide for a permanent board seat to the City would require the unanimous agreement of the governing bodies of EBRCSA's 34 member agencies. The member agencies are the cities, special districts, and other public entities that have joined EBRCSA and should not be confused with the 23 members of the Board of Directors. EBRCSA staff has expressed concerns about expanding the Board from 23 to 24 directors because it would equate to an even number of directors and could be problematic in the event that there is a tie vote.

That EBRCSA present a plan to ensure effective interoperability between EBRCSA and BART

Status: In Progress.

Description: Engineers from BART, Contra Costa Department of Communications, and Motorola performed a "Proof of Concept" test. The test utilized a control station to test the connection between radios on the EBRCSA system and the BART underground. The test was to confirm that the Fire Department could communicate via portable radios to EBRCSA dispatch consoles. The test proved that EBRCSA can connect to the BART underground so that the Fire Department can communicate with dispatch. BART engineers, EBRCSA, and communications personnel from Alameda County and Contra Costa County have met and will continue to meet and discuss additional new technology which can be utilized to communicate when emergency personnel are underground in BART facilities. On-going tests are currently being conducted and EBRCSA will be required to purchase/install additional equipment.

EBRCSA and the City Administration reach agreement about Oakland's termination rights

Status: EBRCSA staff is engaging their legal counsel on potential options.

Description: As detailed in *Attachment A-1*, EBRCSA member agencies are responsible for current and future debt obligations. In the event EBRCSA were to incur additional debt, the City's user fees would be increased, thus creating a significant financial liability. While the existing JPA agreement allows for a member agency to withdraw from EBRCSA, the withdrawing member agency retains the financial obligation for their pro rata share of any remaining debt obligation(s).

Operability of Harris Mobile Radios on EBRCSA Network

Tests relative to the operability of Harris mobile radios on the EBRCSA network are currently pending final completion. Preliminary results show that the City's current Harris mobile radios should adequately function on the EBRCSA network. Tom Gray from RCC Consultants, Inc. will be serving as the technical project manager for the EBRCSA transition.

Conclusion

As of the release of this report, a number of issues have yet to be fully resolved. Resolution No. 85113 C.M.S. identified a three month time frame for completion of the City Council approved contingencies, which has been exceeded. The transition to EBRCSA cannot commence until resolution of the contingencies detailed in this report has been achieved. EBRCSA staff anticipates that a number of the contingencies will be fully resolved by May 2015.

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PUBLIC OUTREACH/INTEREST

No public outreach is required for this report further than the publication on the City's website.

COORDINATION

Information contained in this report has been coordinated with the Information Technology Department, City Administrator's Office and EBRCSA staff.

COST SUMMARY/IMPLICATIONS

This is an informational report and no fiscal action is proposed.

SUSTAINABLE OPPORTUNITIES

Economic: There are no economic development opportunities related to this report at this time.

Environmental: There are no economic development opportunities related to this report at this time.

Social Equity: There are no economic development opportunities related to this report at this time.

For questions regarding this report, please contact Michael K. Kek, Assistant to the City Administrator at (510) 238-4906.

Respectfully submitted,



Donna Hom
Interim Assistant City Administrator



Tom McCarthy
Executive Director
EBRCSA

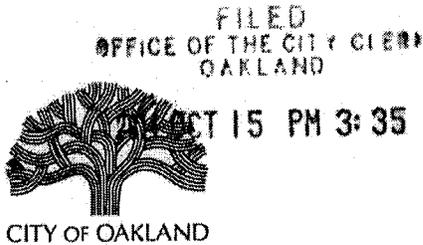
Prepared by:
Michael K. Kek, Assistant to the City Administrator
City Administrator

Attachments –

Attachment A-1: October 13, 2014 EBRCSA Status Report

Attachment A-2: November 5, 2014 EBRCSA Supplemental Status Report

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Finance and Management Committee
April 14, 2015



AGENDA REPORT

TO: HENRY L. GARDNER
CITY ADMINISTRATOR

FROM: Arturo Sanchez

SUBJECT: Easy Bay Regional Communications
Systems (EBRCSA) Status Report

DATE: October 13, 2014

COUNCIL DISTRICT: City-Wide

RECOMMENDATION

Staff recommends that the City Council receive and file this report informational report on outstanding issues pertaining to the City's transition to the East Bay Regional Communication System.

OUTCOME

Acceptance of this report will satisfy the Council direction provided to staff as part of Resolution No. 85113 C.M.S. (*Attachment A*) to "report to Council that conditions have been met and we are moving forward by October" relative to the City's transition to EBRCSA.

BACKGROUND/LEGISLATIVE HISTORY

At the July 8, 2014 Finance and Management Committee (Committee) meeting, staff presented a report on the P25 Radio Network selection (Legistar File No.13-0546) which included recommendations to either stay on an enhanced version of the City's existing P25 network or transition to the East Bay Regional Radio Communications Systems Authority (EBRCSA). Subsequently, the Committee and the full City Council on July 15, 2014, approved Resolution No. 85113 C.M.S. (Legistar File No.: 13-0546-1) which instructed the City Administrator to, along with a number of other instructions, enter into an agreement with EBRCSA to join the EBRCSA network within three months and migrate all users to EBRCSA within 24 months contingent on EBRCSA providing the City Administrator, in writing, the following:

- EBRCSA secure Memorandums of Understanding's (MOUs) from member organizations to reserve a minimum of three (3) voting seats for City of Oakland representatives; as well as initiate a request to amend the EBRCSA joint powers agreement (JPA) to add an additional permanent seat for a City of Oakland representative;

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- That EBRCSA present a plan to ensure effective interoperability between EBRCSA and Bay Area Rapid Transit (BART); and
- EBRCSA and the City Administration reach agreement about Oakland's termination rights.

The City Administrator was further instructed to report to City Council that conditions have been met in October 2014.

ANALYSIS

Subsequent to the adoption of Resolution No. 85113 C.M.S. on July 15, 2014, staff (City Administrator's Office, Department of Information Technology, Police Department, Fire Department) has been in regular communication with EBRCSA staff to address the issues detailed above. Below is an update on these items.

Secure MOUs from member organizations to reserve a minimum of three (3) voting seats for City of Oakland representatives

Status: One (1) seat allocated through resolution and two (2) pending approval of an MOU.

Description: As detailed in Table 1 below, EBRCSA is governed by a Board of Directors composed of 23 directors that represent various entities and are responsible for the oversight of EBRCSA. As of the release of this report, EBRCSA staff advises that one (1) seat from the Elected Officials of Alameda County has been approved to be allocated to the City (**Attachment B**). One (1) seat from the Alameda County Fire Chiefs Association and one (1) seat from the Alameda County City Managers, both through Letters of Agreement (**Attachments C and D**), are anticipated to be executed October 15, 2014. City Council authorization is required to enter into these agreements and staff is currently in negotiations with EBRCSA staff on the final terms.

Table 1: Composition of EBRCSA Governing Board (bolded items represents seats proposed to be allocated to the City)

- (1) Alameda County Board of Supervisors
- (1) Contra Costa County Board of Supervisors
- (1) Alameda County Police Chiefs Association (to be selected by the Association)
- (1) Contra Costa County Police Chiefs Association (to be selected by the Association)
- (1) Alameda County Fire Chiefs Association (to be selected by the Association)**
- (1) Contra Costa County Fire Chiefs Association (to be selected by the Association)
- (1) Special District (to be selected by the Association)
- (1) Alameda County, County Administrator
- (1) Contra Costa County, County Administrator

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- (1) Alameda County Sheriff
 - (1) Contra Costa County Sheriff
 - (3) Contra Costa County City Managers (to be selected by the Association)
 - (3) Alameda County City Managers (to be selected by the Association)**
 - (3) Contra Costa County Elected Officials (to be selected by the Mayor's Conference)
 - (3) Alameda County Elected Officials (to be selected by the Mayor's Conference)**
- 23 Total Board of Directors

EBRCSA staff advises that the City board seats would have an independent vote, but a letter from the Alameda County City Managers' Association, dated March 13, 2014 (*Attachment E*), states that "...It is understood that the representation on the EBRCSA Board will primarily be to represent the City of Oakland interests, but the [Oakland] City Administrator will also represent the Cities within Alameda County." Staff recommends that a consensus on this issue be reached prior to the execution of any documents related to the City's representation on the Board of Directors.

Initiate a request to amend the EBRCSA joint powers agreement to add an additional permanent seat for a City of Oakland representative

Status: Amendment to the JPA agreement (*Attachment F*) for a City permanent seat will be presented to the EBRCSA Board of Directors at their October 23, 2014 meeting for consideration.

Description: As stated in the attached Fire Chiefs' and City Manager's Letter of Agreements (*Attachments C and D respectively*): "Amendment of the JPA Agreement to provide for one or more additional Board seats for the City would require the unanimous agreement of the governing bodies of EBRCSA's 34 member members and would therefore require the expenditure of a significant amount of time in an effort to obtain all of the necessary approvals."

EBRCSA staff is prepared to initiate the request at the next Board of Directors meeting for the board to consider amending the JPA agreement to add an additional permanent seat to the board for the City, thus expanding the Board from 23 to 24 directors. As noted above, amendments to the JPA agreement requires a unanimous vote of all member agencies.

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That EBRCSA present a plan to ensure effective interoperability between EBRCSA and BART

Status: In Progress.

Description: EBRCSA staff advises that representatives from EBRCSA, Motorola, and BART have evaluated several options to provide an interoperability connection to the BART P25 underground system and have selected an option that provides the needed interoperability. The next step is to install the necessary hardware and configure the system to allow the two systems to communicate. Technical representatives from EBRCSA, Motorola and BART are in the process of acquiring the necessary equipment and completing the installation and testing. It is anticipated that testing can begin at the end of October 2014. Once the technicians have signed off on the connection it will be tested by those users in the EBRCSA system who respond into the BART underground and the Information Technology, Police, and Fire Departments.

EBRCSA and the City Administration reach agreement about Oakland's termination rights

Status: An agreement on the City's termination rights has yet to be reached.

Description: The existing JPA agreement allows for a member agency to withdraw from EBRCSA, but the withdrawing member agency retains the financial obligation for their pro rata share of any remaining debt obligation(s). Staff will review and discuss the impacts of the JPA agreement and Project Operating Agreement with the City Attorney's Office and work with EBRCSA staff and the City Attorney's Office to negotiate any modifications or alterations that may be deemed necessary on behalf of the City.

In order to generate funding for the EBRCSA P25 network build out, member agencies had the option of contributing a one-time payment or participate in a debt issuance. EBRCSA raised a total of \$17.7 million in 2011, consisting of \$11.5 million in one-time payments and \$6.2 million from a debt issuance (\$8.9 million total obligation with principal and interest). The debt service for the debt issuance (\$799,000 annually) is currently being paid by the 20 member agencies (3,765 users out of over 13,000 total users) that did not participate in the one-time payment option.

In the event the City joins EBRCSA in 2015, the City's annual debt service obligation would be \$348,000 with a total debt obligation of \$4,176,000 (12 years). See Chart 2 for more information. EBRCSA staff advises that they are exploring a one-time payment option for the City.

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Chart 2: Annual Debt Service Obligation of \$6.2 million debt issuance

Member Agencies	Debt Service plus a Reserve	Users	% of Total
Oakland	\$348,000	2,900	43.5%
Other Member Agencies	\$451,800	3,765	52.21%
Total	\$799,000	6,665	

EBRCSA staff further advises that the issuance of future debt will require the execution of a new Project Operating Agreement, which the City could elect to not execute, thus eliminating any additional debt obligations. The issuance of future debt obligations also requires the vote of 16 of the 23 Board of Directors.

Other

Using testing criteria developed by the City of Houston and elements of the RCC consultant tests, EBRCSA and the City have been conducting tests to measure the operability of Harris Mobile Radios on the EBRCSA network. EBRCSA technical staff reports that the radios passed the preliminary testing. The tests are currently in progress with a City staff member working with EBRCSA staff to validate the results.

Due to the high demands of existing projects, it should be noted that additional staffing and professional services resources will be required to assist with both the project management and technical aspects of the City's transition to the EBRCSA network. EBRCSA staff advises that they will hire a consultant to assist with the City's transition to EBRCSA.

Conclusion

This report was prepared in conjunction with Bill McCammon, EBRCSA Executive Director. Prior to this sudden and unfortunate loss Mr. McCammon had the opportunity to review this report. Much of the information detailed above came from Mr. McCammon and there was a renewed sense of partnership and collaboration that was embodied by the collaborative effort of this report. However, work yet remains to be completed and as of the release of this report, a number of issues have yet to be fully resolved. This is complicated by the transition and succession that must occur now within the EBRC's JPA. Subsequently, the City Administrator recommends that staff report back in November / December 2014 when substantial progress has been made on these unresolved issues.

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PUBLIC OUTREACH/INTEREST

No public outreach is required for this report.

COORDINATION

Information contained in this report has been coordinated with the Department of Information Technology, Police Department, Fire Department, Budget Office, the Office of the City Attorney, and EBRCSA staff.

COST SUMMARY/IMPLICATIONS

This is an informational report and no fiscal action is proposed.

SUSTAINABLE OPPORTUNITIES

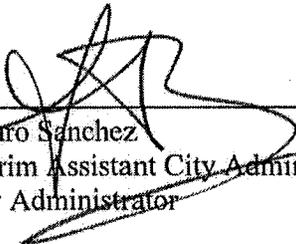
Economic: There are no economic development opportunities related to this report at this time.

Environmental: There are no economic development opportunities related to this report at this time.

Social Equity: There are no economic development opportunities related to this report at this time.

For questions regarding this report, please contact Arturo Sanchez, Interim Assistant City Administrator at (510) 238-7542.

Respectfully submitted,



Arturo Sanchez
Interim Assistant City Administrator
City Administrator

Reviewed by:
Bryan Sastokas, Chief Information Officer
Department of Information Technology

Sean Whent, Police Chief
Oakland Police Department

Teresa Deloach Reed, Fire Chief
Oakland Fire Department

Prepared by:
Michael K. Kek, Assistant to the City Administrator
City Administrator

Attachments –

- Attachment A: Resolution # 85113 C.M.S.***
- Attachment B: Alameda County Mayors' Conference Board Seat Resolution***
- Attachment C: Alameda County Fire Chiefs Association Board Seat Resolution***
- Attachment D: Alameda County City Managers Draft MOU***
- Attachment E: Alameda County City Managers' Association Letter dated
March 13, 2014***
- Attachment F: EBRCSA JPA Agreement***
- Attachment G: EBRCSA Operating Agreement***

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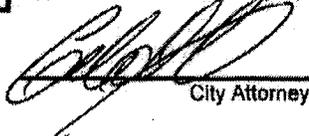
Attachment A

Revised per FMC on 07-08-14 and Council on 07-15-14

Approved as to Form and Legality

FILED
OFFICE OF THE CITY CLERK
OAKLAND

OAKLAND CITY COUNCIL


City Attorney

AUG -1 AM 11:10

RESOLUTION No. 85113 C.M.S.

RESOLUTION #2 AUTHORIZING THE CITY ADMINISTRATOR OR HIS DESIGNEE TO:

- 1) ENTER INTO AN AGREEMENT WITH EAST BAY REGIONAL COMMUNICATION SYSTEMS AUTHORITY (EBRCSA) TO JOIN THE EBRCSA NETWORK WITHIN THREE MONTHS AND MIGRATE ALL OF THE OAKLAND ESTIMATED 2,900 USERS TO THE EBRCSA NETWORK WITHIN TWENTY FOUR MONTHS, IN AN AMOUNT NOT TO EXCEED \$200 PER RADIO AS A ONE-TIME SYSTEM ACCESS FEE, FOR A TOTAL OF \$580,000 AND \$35 PER RADIO ON A MONTHLY BASIS AS USAGE FEES FOR A TOTAL ANNUAL ESTIMATED AMOUNT OF \$1,218,000 ON THE CONDITION THAT EBRCSA FIRST PROVIDES THE CITY ADMINISTRATOR, IN WRITING, THE FOLLOWING:
 - a. EBRCSA SECURE MOU'S FROM MEMBER ORGANIZATIONS TO RESERVE A MINIMUM OF THREE (3) VOTING SEATS FOR CITY OF OAKLAND REPRESENTATIVES; AS WELL AS INITIATE A REQUEST TO AMEND THE EBRCSA JOINT POWERS AGREEMENT TO ADD AN ADDITIONAL PERMANENT SEAT FOR A CITY OF OAKLAND REPRESENTATIVE;
 - b. THAT EBRCSA PRESENT A PLAN TO ENSURE EFFECTIVE INTER-OPERABILITY BETWEEN EBRCSA AND BART;
 - c. EBRCSA AND CITY ADMINISTRATION REACH AGREEMENT ABOUT OAKLAND'S TERMINATION RIGHTS;
 - d. REPORT TO COUNCIL THAT CONDITIONS HAVE BEEN MET AND WE ARE MOVING FORWARD BY OCTOBER; AND
- 2) WAIVE THE CITY'S ADVERTISING, BID AND REQUEST FOR PROPOSAL (RFP) PROCESS FOR EQUIPMENT, PRODUCTS AND PROFESSIONAL SERVICES FOR THE ABOVE DESCRIBED CONTRACTS; AND
- 3) AWARD AGREEMENTS UTILIZING THE CITY'S COMPETITIVE CONTRACTING REQUIREMENTS WITHIN A BUDGET AMOUNT OF \$4,416,300 FOR PUBLIC WORKS PORTABLE AND MOBILE RADIOS AND A PUBLIC SIREN SYSTEM REPLACEMENT PROJECT, PROVIDED THAT PRIOR TO EXPENDITURE OF ANY FUNDS STAFF WILL AWARD CONTRACTS AND ESTABLISH CONTRACT AMOUNTS FOR THE CONTROLLER'S BUREAU; AND
- 4) NEGOTIATE AND AWARD A TWO-YEAR AGREEMENT WITH AVIAT NETWORKS IN AN AMOUNT NOT TO EXCEED \$1,633,000 FOR THE PURCHASE OF NETWORK EQUIPMENT, HARDWARE, SOFTWARE AND OTHER PROFESSIONAL SERVICES TO ENHANCE MICROWAVE BACKBONE RESILIENCY FOR THE EBRCSA NETWORK, WITHOUT CONSTRUCTING ANY ADDITIONAL TOWERS, AND UP TO \$600,000 FOR THE PURCHASE OF A DEPLOYABLE EMERGENCY NETWORK TO ENHANCE THE CITY'S RESILIENCE AND DISASTER CAPABILITIES; AND
- 5) THAT STAFF REPORT BACK TO THE FINANCE & MANAGEMENT COMMITTEE WITHIN 6 MONTHS DETAILING HOW COMPONENTS OF OAKLAND'S EXISTING NETWORKS COULD BE RECONFIGURED TO TAKE ADVANTAGE OF THE EBRCSA SYSTEM, AND THUS PROVIDE A MORE ROBUST SYSTEM FOR EBRCSA AND OAKLAND'S COMMUNICATION NEEDS.

WHEREAS, On Jan 21, 2014 Council directed the staff to enter into negotiations with East Bay Regional Communication System Authority (EBRCSA) and return to Council in 90-120 days with proposed negotiations terms and funding and transition plan for the City Council to consider, and

WHEREAS, On July 8, 2014 the Finance and Management Committee requested staff to also bring an information report to the FMC within 6 months detailing how components of Oakland existing networks could be reconfigured to take advantage of the EBRCSA system, and thus provide more robust system for EBRCSA and Oakland's communication needs, and

WHEREAS, EBRCSA was formed in 2007 as Joints Power Authority, to serve the Alameda and Contra Costa Counties public safety communication needs; and

WHEREAS, EBRCSA Board of Directors has 23 members made up of equal representation from both counties; and

WHEREAS, EBRCSA P25 network consists of 6 cell sites, including Northwest Cell covering the City of Oakland, which was launched in the end of 2012; and

WHEREAS, EBRCSA network equipment is manufactured and provided by Motorola; and

WHEREAS, City of Oakland owns, operates and maintains its own P25 network, manufactured by Harris, and has approximately 2,000 handheld and 900 mobile radios; and

WHEREAS, EBRCSA has provided a cost proposal to the City in the amount of \$200 per radio as a onetime cost and \$35 per radio per month as ongoing network usage fee; and

WHEREAS, EBRCSA has offered to fund the replacement and maintenance of the 28 dispatch consoles in police and fire 911 dispatch centers and emergency operations center; and

WEHERAS, Staff has concluded the negotiations with EBRCSA, and all the issues identified by the Staff and corresponding responses from EBRCSA are included in the Staff report; and

WHEREAS, the Motorola Radios are selected because of the compatibility with the current Oakland P25 network as well as EBRCSA P25 network, to minimize the additional integration costs should the Council decide to join the EBRCSA network; and

WHEREAS, Section 2.040.050.A of the Oakland Municipal Code ("OMC") requires the City Administrator to conduct advertising and bidding and award to the lowest responsible, responsive bidder where the cost of services, supplies or combination required by the City exceeds fifty thousand dollars (\$50,000.00) for the purchase of products or goods; and

WHEREAS, OMC section 2.04.050.1.5 allows Council to waive these requirements upon a finding by the Council that it is in the best interests of the City to do so; and

WHEREAS, OMC section 2.040.051 A requires the City Administrator to conduct a request for proposals/qualifications (RFP/Q) process for professional services contracts in excess of \$25,000 and OMC section 2.04.051.B authorizes the City Council to waive requests for proposal/qualification processes upon finding that it is in the best interests of the City to do so; and

WHEREAS, the EBRCSA and the City desire to engage in cost effective and responsive services related to the operation and maintenance of public radio communication systems, facilities and related structures, and appurtenances and incidental improvements thereto; and

WHEREAS, the City's Information Technology Department employees, radio shop employees and communications dispatchers have the knowledge, skills, experience and general qualifications necessary to assist EBRCSA through provision of Communications Operations Support Services; and

WHEREAS, EBRCSA desires to retain City Information Technology Department, radio shop and communications dispatch employees for the provision of Communications Operations Support Services as set forth herein; and

WHEREAS, EBRCSA agrees the MOU as set forth herein will not cause the displacement of City civil service employees. In addition, the City will not cause the displacement of City civil service employees. The term "displacement" includes layoff, demotion, involuntary transfer to a new class, involuntary transfer, and time base reductions; and

WHEREAS, EBRCSA will work with the City to identify additional civil service staff positions in the Information Technology Department, radio shop, and communications dispatch departments that may be added to enhance the delivery of Communications Operations Support Services, including positions that may have been previously provided by outside contractors; and

WHEREAS, the City Administrator has determined that services provided pursuant to said agreement with Motorola Solutions Inc. are of a professional, scientific, or technical nature and are temporary in nature; and

WHEREAS, the City Administrator has determined that said agreement shall not result in a loss of employment or salary by any person having permanent status in the competitive service; now therefore be it

RESOLVED: That the City Council hereby authorizes the City Administrator or his designee to enter into an agreement with EBRCSA to join the EBRCSA P25 network within three months, by October, and migrate all of the Oakland's estimated 2,900 users to the EBRSA network within 24 months, in an amount not to exceed \$200 per radio as a one-time system access fee, for a total of \$580,000 and \$35 per radio on a monthly basis as usage fees for a total annual estimated amount of \$1,218,000 on the condition that EBRCSA first provides the following commitments and or reports to the City Administrator of Oakland, in writing, the following:

- a. EBRCSA Secure MOU's From Member Organizations to reserve a minimum of (3) voting seats for City of Oakland Representatives; **as well as initiate a request to amend the EBRCSA Joint Powers Agreement to add an additional permanent seat for a City of Oakland representative**; and
- b. That EBRCSA Present a plan to ensure effective Inter-operability between EBRCSA and BART; and
- c. EBRCSA and City Administration Reach Agreement About Oakland's Termination Rights; and
- d. Report to the City Council that conditions have been met and we are moving forward by October; and

FURTHER RESOLVED: That the City Council directs the City Administrator to work with EBRCSA in developing a plan to migrate all Oakland Users' Public Safety as well as Non-Public Safety, to the EBRCSA P25 network in no longer than twenty four months; and be it

FURTHER RESOLVED: That the City Administrator is authorized to negotiate and award additional professional services contracts within a budgeted amount of \$4,416,300 for the purchase of Public Works' portable and mobile radios and the Public Siren System replacement project and request a waiver of the competitive request for proposal/qualifications process for the purchase of goods and services without return to Council, provided that prior to expenditure of any funds staff will award contracts and establish contract amounts for the Controller's Bureau; and be it

FURTHER RESOLVED: That the City Administrator is authorized to negotiate and award a two-year agreement with Aviat Networks in an amount not to exceed \$1,633,000 for the purchase of network equipment, hardware, software and other professional services to enhance microwave backbone resiliency for the EBRCSA network, without constructing any additional towers, and up to \$600,000 for the purchase of a deployable emergency network to enhance the city's resilience and disaster capabilities; and be it

FURTHER RESOLVED: That staff report back to the Finance and Management Committee within 6 months detailing how components of Oakland's existing networks could be reconfigured to take advantage of the EBRCSA System, and thus provide a more robust system for EBRCSA and Oakland's communication needs; and be it

FURTHER RESOLVED: That the City Council finds and determines based on the above determinations of the City Administrator, that the goods and services provided pursuant to the agreements authorized hereunder are of a professional, scientific, or technical and temporary nature, and shall not result in a loss of employment or salary by any person having permanent status in the competitive service process; and be it

FURTHER RESOLVED: That funds to pay the onetime costs of joining the EBRCSA network and ongoing annual EBRCSA network usage costs will be paid out of the Radio and Telecommunications Fund (Fund 4200); and be it

FURTHER RESOLVED: That the agreements shall be reviewed and approved by the City Attorney and placed on file in the Office of the City Clerk.

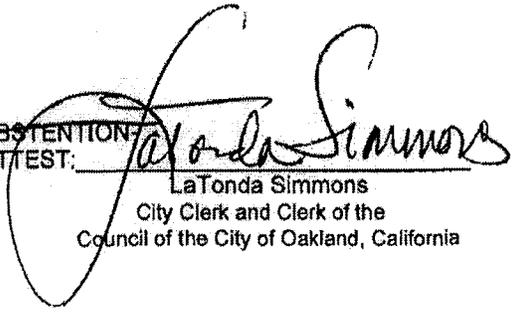
IN COUNCIL, OAKLAND, CALIFORNIA, JUL 15 2014, 20

PASSED BY THE FOLLOWING VOTE:

AYES - BROOKS, GALLO, GIBSON McELHANEY, KALB, KAPLAN, REID, SCHAAF, and PRESIDENT
KERNIGHAN - 8

NOES - 0

ABSENT - 0

ABSTENTION:
ATTEST: 
LaTonda Simmons
City Clerk and Clerk of the
Council of the City of Oakland, California

Resolution No. 2-14

A Resolution of the Alameda County Mayors' Conference
Providing the City of Oakland Representation on the
East Bay Regional Communications System Authority (EBRCSA) Board of Directors

WHEREAS, the EBRCSA joint exercise of powers authority was formed to provide a two-county regional voice communications system ("System") within Alameda and Contra Costa counties; and

WHEREAS, the members of EBRCSA, which include the two referenced counties, cities and special districts within those counties, and other public entities, have executed a Joint Exercise of Powers Agreement (the "JPA Agreement") pursuant to California Government Code Section 6500 *et seq.*, providing for the jurisdiction, powers, duties and administration of EBRCSA; and

WHEREAS, the JPA Agreement provides for a 23-member board of directors with the following representation:

- (1) Alameda County Board of Supervisors
- (1) Contra Costa Board of Supervisors
- (1) Alameda County Police Chiefs' Association (to be selected by the Association)
- (1) Contra Costa County Police Chiefs' Association (to be selected by the Association)
- (1) Alameda County Fire Chiefs' Association (to be selected by the Association)
- (1) Contra Costa County Fire Chiefs' Association (to be selected by the Association)
- (1) Special District (to be selected by the Association)
- (1) Alameda County, County Administrator
- (1) Contra Costa County, County Administrator
- (1) Alameda County Sheriff
- (1) Contra Costa County Sheriff
- (3) Contra Costa County City Managers (to be selected by the Association)
- (3) Alameda County City Managers (to be selected by the Association)
- (3) Contra Costa County Elected Officials (to be selected by the Mayors' Conference)
- (3) Alameda County Elected Officials (to be selected by the Mayors' Conference); and

WHEREAS, the City of Oakland desires to become a member of EBRCSA and represents the second largest user of the System; and

WHEREAS, the City of Oakland desires to have representation on the EBRCSA Board in connection with its proposed execution of the JPA Agreement; and

WHEREAS, amendment of the JPA Agreement to provide for one or more additional Board seats for the City of Oakland would require the unanimous agreement of the governing bodies of EBRCSA's 34 members and would, therefore, require the expenditure of a significant amount of time in an effort to obtain all of the necessary approvals; and

WHEREAS, as noted above, the Alameda County Mayors' Conference is entitled to three (3) representatives on the EBRCSA Board and in recognition of the benefits of the City of Oakland's membership in EBRCSA, the Mayors' Conference is willing to dedicate one (1) of its seats on the Board to the City of Oakland, pursuant to the terms and conditions set forth herein;

NOW, THEREFORE, BE IT RESOLVED that the Alameda County Mayors' Conference, effective upon the City of Oakland's execution, of the EBRCSA JPA Agreement as authorized by the City Council of the City of Oakland, shall dedicate one of its three (3) seats on the EBRCSA Board to the City of Oakland.

BE IT FURTHER RESOLVED that this dedication shall continue for as long as the City of Oakland remains a member of EBRCSA, and in the event that the City withdraws as a member of EBRCSA prior to the termination of EBRCSA, this letter agreement shall terminate concurrently with such withdrawal.

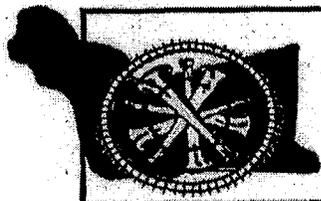
PASSED, APPROVED AND ADOPTED on September 10, 2014 by the following vote:

AYES: Alameda, Albany, Emeryville, Hayward, Livermore, Newark, Piedmont,
Pleasanton, Union City
NOES: None
ABSENT: Berkeley, Dublin, Fremont, Oakland, San Leandro
ABSTENTIONS: None

I, Nancy Ortenblad, Executive Director of the Alameda County Mayors' Conference, do hereby certify that this is a true and accurate copy of Resolution No. 2-14.

Nancy Ortenblad
Executive Director

ALAMEDA COUNTY FIRE CHIEFS' ASSOCIATION



Alameda County - Alameda - Albany - Berkeley - CalFire - East Bay Regional Parks -
Fremont - Hayward - Livermore-Pleasanton - Oakland - Parks RFTA - Piedmont

October , 2014

Mayor Jean Quan
City Of Oakland
#1 Frank H. Ogawa Plaza
Oakland CA. 94612

RE: East Bay Regional Communications System Authority ("EBRCSA") Governance

Dear Mayor Quan:

This letter agreement is executed by the members of the Alameda County Fire Chiefs Association ("ACFCA") and the City of Oakland, a California municipal corporation (the "City") (ACFCA and City being referred to herein collectively as the "Parties") in connection with the governance of the EBRCSA Board and with reference to the following facts:

A. The EBRCSA joint exercise of powers authority was formed to provide a two-county regional voice communications system ("System") within Alameda and Contra Costa counties.

B. The members of EBRCSA, which include the two referenced counties, cities and special districts within those counties, and other public entities, have executed a Joint Exercise of Powers Agreement (the "JPA Agreement") pursuant to California Government Code Section 6500 *et seq.*, providing for the jurisdiction, powers, duties and administration of EBRCSA.

C. Members of EBRCSA and certain non-members (collectively referred to as "Users") have executed a Project Operating Agreement ("Operating Agreement") with EBRCSA, which agreement was approved by the EBRCSA Board in connection with the issuance of bonds. The Operating Agreement provides for the payment of User fees that fund EBRCSA's ownership and operation of the System.

D. The JPA Agreement provides for a 23-member board of directors with the following representation:

- (1) Alameda County Board of Supervisors
- (1) Contra Costa Board of Supervisors
- (1) Alameda County Police Chiefs Association (to be selected by the Association)
- (1) Contra Costa County Police Chiefs Association (to be selected by the Association)
- (1) Alameda County Fire Chiefs Association (to be selected by the Association)
- (1) Contra Costa County Fire Chiefs Association (to be selected by the Association)

- (1) Special District (to be selected by the Association)
- (1) Alameda County, County Administrator
- (1) Contra Costa County, County Administrator
- (1) Alameda County Sheriff
- (1) Contra Costa County Sheriff
- (3) Contra Costa County City Managers (to be selected by the Association)
- (3) Alameda County City Managers (to be selected by the Association)
- (3) Contra Costa County elected Officials (to be selected by the Mayor's Conference)
- (3) Alameda County Elected Officials (to be selected by the Mayor's Conference)

E. The City desires to become a member of EBRCSA. The City represents the second largest user of the System.

F. The City desires to have representation on the EBRCSA Board in connection with its proposed execution of the JPA Agreement and the Operating Agreement.

G. Amendment of the JPA Agreement to provide for one or more additional Board seats for the City would require the unanimous agreement of the governing bodies of EBRCSA's 34 members and would therefore require the expenditure of a significant amount of time in an effort to obtain all of the necessary approvals.

H. As noted above, the ACFCA is entitled to one (1) representative on the EBRCSA Board. In recognition of the benefits of the City's membership in EBRCSA, ACFCA is willing to dedicate the one (1) seat on the Board to the Fire Chief of the City, pursuant to the terms and conditions set forth herein.

NOW, THEREFORE, in consideration of the foregoing promises and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the City and ACFCA hereby agree as follows:

1. The above Recitals are true and correct and are incorporated herein by reference.
2. Effective upon the City's execution, as authorized by the City Council of the City of Oakland, of the EBRCSA JPA Agreement, the ACFCA shall dedicate its seat on the EBRCSA Board to the Fire Chief of the City of Oakland.
3. This dedication shall continue for as long as the City remains a member of EBRCSA. In the event that the City withdraws as a member of EBRCSA prior to the termination of EBRCSA, this letter agreement shall terminate concurrently with such withdrawal.
4. This letter agreement shall be governed by and construed in accordance with the laws of California. Any action relating to it shall be filed in the Alameda County Superior Court.
5. This letter agreement contains the entire agreement between the Parties with respect to the subject matter hereof, and supersedes all prior written or oral agreements, understandings or representations between the Parties with respect to such subject matter. This letter agreement may be amended or modified only by a written instrument executed by the Parties.
6. This letter agreement may be executed in one or more counterparts, each of which shall be an original and all of which taken together shall constitute one instrument.

Sincerely,

ALAMEDA COUNTY FIRE CHIEFS ASSOCIATION

By:

Chief Teresa Deloach Reed
City of Oakland Fire Department

Chief David Rocha
Alameda County Fire Department

Chief Michael D'Orazi
City of Alameda Fire Department

Chief Lance Calkins
City of Albany Fire Department

Chief Gil Dong
City of Berkley Fire Department

Chief Derek Witmer
Cal Fire

Chief Dan McCormick
East Bay Regional Park District

Chief Geoff LaTendresse
City of Fremont Fire Department

Chief Garrett Contreras
City of Hayward Fire Department

Chief Jim Miguel
Livermore-Pleasanton Fire Department

Chief Andrew Allen
Department of the Army Camp Parks Fire Department

Chief Bud McLaren
City of Piedmont Fire Department

AGREED:

THE CITY OF OAKLAND, a California municipal corporation

By:

Name

Title

Attachment D

DRAFT

Letterhead of Alameda County City Managers' Association

August 2014

Addressee at City of Oakland

RE: East Bay Regional Communications System Authority ("EBRCSA") Governance

Dear

This letter agreement is executed by the members of the Alameda County City Managers' Association ("ACCMA") and the City of Oakland, a California municipal corporation (the "City") (ACCMA and City being referred to herein collectively as the "Parties") in connection with the governance of the EBRCSA Board and with reference to the following facts:

A. The EBRCSA joint exercise of powers authority was formed to provide a two-county regional voice communications system ("System") within Alameda and Contra Costa counties.

B. The members of EBRCSA, which include the two referenced counties, cities and special districts within those counties, and other public entities, have executed a Joint Exercise of Powers Agreement (the "JPA Agreement") pursuant to California Government Code Section 6500 *et seq.*, providing for the jurisdiction, powers, duties and administration of EBRCSA.

C. Members of EBRCSA and certain non-members (collectively referred to as "Users") have executed a Project Operating Agreement ("Operating Agreement") with EBRCSA, which agreement was approved by the EBRCSA Board in connection with the issuance of bonds. The Operating Agreement provides for the payment of User fees that fund EBRCSA's ownership and operation of the System.

D. The JPA Agreement provides for a 23-member board of directors with the following representation:

- (1) Alameda County Board of Supervisors
- (1) Contra Costa Board of Supervisors
- (1) Alameda County Police Chiefs Association (to be selected by the Association)
- (1) Contra Costa County Police Chiefs Association (to be selected by the Association)
- (1) Alameda County Fire Chiefs Association (to be selected by the Association)
- (1) Contra Costa County Fire Chiefs Association (to be selected by the Association)
- (1) Special District (to be selected by the Association)
- (1) Alameda County, County Administrator
- (1) Contra Costa County, County Administrator
- (1) Alameda County Sheriff

- (1) Contra Costa County Sheriff
- (3) Contra Costa County City Managers (to be selected by the Association)
- (3) Alameda County City Managers (to be selected by the Association)
- (3) Contra Costa County elected Officials (to be selected by the Mayor's Conference)
- (3) Alameda County Elected Officials (to be selected by the Mayor's Conference)

E. The City desires to become a member of EBRCSA. The City represents the second largest user of the System.

F. The City desires to have representation on the EBRCSA Board in connection with its proposed execution of the JPA Agreement and the Operating Agreement.

G. Amendment of the JPA Agreement to provide for one or more additional Board seats for the City would require the unanimous agreement of the governing bodies of EBRCSA's 34 members and would therefore require the expenditure of a significant amount of time in an effort to obtain all of the necessary approvals.

H. As noted above, the ACCMA is entitled to three (3) representatives on the EBRCSA Board. In recognition of the benefits of the City's membership in EBRCSA, ACCMA is willing to dedicate one (1) of its seats on the Board to the City, pursuant to the terms and conditions set forth herein.

NOW, THEREFORE, in consideration of the foregoing promises and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the City and ACCMA hereby agree as follows:

1. The above Recitals are true and correct and are incorporated herein by reference.
2. Effective upon the City's execution, as authorized by the City Council of the City of Oakland, of the EBRCSA JPA Agreement and Operating Agreement, ACCMA shall dedicate one of its three (3) seats on the EBRCSA Board to the City of Oakland.
3. This dedication shall continue for as long as the City remains a member of EBRCSA. In the event that the City withdraws as a member of EBRCSA prior to the termination of EBRCSA, this letter agreement shall terminate concurrently with such withdrawal.
4. This letter agreement shall be governed by and construed in accordance with the laws of California. Any action relating to it shall be filed in the Alameda County Superior Court.
5. This letter agreement contains the entire agreement between the Parties with respect to the subject matter hereof, and supersedes all prior written or oral agreements, understandings or representations between the Parties with respect to such subject matter. This letter agreement may be amended or modified only by a written instrument executed by the Parties.

6. This letter agreement may be executed in one or more counterparts, each of which shall be an original and all of which taken together shall constitute one instrument.

Sincerely,

ALAMEDA COUNTY CITY MANAGERS' ASSOCIATION

By:

Henry Gardner, Interim City Administrator
City of Oakland

Susan Muranishi, County Administrator
County of Alameda

John Russo, City Manager
City of Alameda

Penelope Leach, City Manager
City of Albany

Christine Daniel, City Manager
City of Berkeley

Chris Foss, City Manager
City of Dublin

Sabrina Landreth, City Manager
City of Emeryville

Fred Diaz, City Manager
City of Fremont

Fran David, City Manager
City of Hayward

Marc Roberts, City Manager
City of Livermore

John Becker, City Manager
City of Newark

Paul Benoit, City Administrator
City of Piedmont

Nelson Fialho, City Manager
City of Pleasanton

Chris Zapata, City Manager
City of San Leandro

Larry Cheeves, City Manager
City of Union City

AGREED:

THE CITY OF OAKLAND, a California municipal corporation

By:

Name

Title

Attachment F

ALAMEDA COUNTY CITY MANAGERS' ASSOCIATION

c/o City of Fremont
3300 Capitol Avenue
Fremont, CA 94536

March 13, 2014

William J. McCammon
EBRCSA Executive Director
Office of Homeland Security and Emergency Services
4985 Broder Boulevard
Dublin, CA 94568

RE: East Bay Regional Communications System Authority (EBRCSA) Governance

Dear Mr. McCammon:

Thank you for presenting at our February meeting. The Alameda County City Manager's Association (ACCMA) is encouraged by the City of Oakland's interest in joining the EBRCSA. Elected Officials, City and County Managers, Police and Fire Chiefs from Alameda and Contra Costa counties have worked tirelessly over the past six years to build the EBRCSA system which currently serves 43 agencies in the two counties. The system design has always included infrastructure to serve the City of Oakland users, so incorporating the City into the EBRCSA system can happen seamlessly, something agencies in both counties completely support.

We are aware the City of Oakland has concern about the governance model and the inclusion of City of Oakland representation on the Board of Directors. As you know, EBRCSA is a Joint Powers Authority formed under State statute. The Board representation is split equally between the two counties with representation listed below:

EBRCSA Board of Directors

- (1) Alameda County Board of Supervisors
- (1) Contra Costa County Board of Supervisors
- (1) Alameda County Police Chiefs Association (to be selected by the Association)
- (1) Contra Costa County Police Chiefs Association (to be selected by the Association)
- (1) Alameda County Fire Chiefs Association (to be selected by the Association)
- (1) Contra Costa County Fire Chiefs Association (to be selected by the Association)
- (1) Special District (to be selected by the Association)
- (1) Alameda County, County Administrator
- (1) Contra Costa, County Administrator
- (1) Alameda County Sheriff
- (1) Contra Costa Sheriff

William J. McCammon
March 13, 2014
Page 2

- (3) Contra Costa City Managers
- (3) Alameda County City Managers
- (3) Contra Costa County Elected Officials (to be selected by the Mayor's Conference)
- (3) Alameda County Elected Officials (to be selected by the Mayor's Conference)

The cities within each county have eight seats (3 Elected Officials, 3 City Managers, 1 Police Chief and 1 Fire Chief) all board members are selected by their representative organizations.

The ACCMA understands the desire the City of Oakland has to have permanent representation on the Board of Directors, and supports the need for representation for the City of Oakland. The ACCMA has three seats on the Board of Directors and would like to offer the City of Oakland one of those seats to be designated as a City of Oakland Seat for the City Administrator.

We propose the development of an MOU to be executed by all the cities within Alameda County insuring a seat for the City of Oakland as long as the City is a participating and contributing member of the EBRCSA. Our only request in return is that the City Administrator participate in the ACCMA. It is understood that the representation on the EBRCSA Board will primarily be to represent the City of Oakland interests, but the City Administrator will also represent the cities within Alameda County.

We look forward to having the City of Oakland become a partner in the EBRCSA system, advancing regional cooperation for our public safety first responders. If you have any questions, please feel free to contact me at (510) 284-4005 or mdanaj@fremont.gov.

Sincerely,


Mark Danaj
Chair

cc: EBRCSA Board of Directors
Fred Blackwell, City Administrator, City of Oakland

**JOINT EXERCISE OF POWERS AGREEMENT FOR THE
EAST BAY REGIONAL COMMUNICATIONS SYSTEM AUTHORITY**

THIS JOINT EXERCISE OF POWERS AGREEMENT FOR THE EAST BAY REGIONAL COMMUNICATIONS SYSTEM AUTHORITY (the "Agreement") is entered into as of the ____ day of _____, 2007, by and among the members executing this Agreement (hereinafter collectively referred to as "Members" and individually as "Member").

RECITALS

- A. WHEREAS**, Chapter 5 of Division 7 of Title 1 of the California Government Code authorizes the Members to enter into an agreement for the joint exercise of any power common to them; and
- B. WHEREAS**, the Members have the common powers, under their respective sovereign and police powers, to acquire real, personal and intangible property and to plan, design, finance, construct, operate, and maintain public safety radio communication systems, facilities and related structures, and appurtenances and incidental improvements thereto; and
- C. WHEREAS**, the Members have determined that the public interest will be served by the joint exercise of these common powers through this Agreement and the creation of a joint powers authority to acquire, plan, design, finance, construct, operate and maintain a P25 compliant or equivalent (as defined herein) communications system serving Alameda and Contra Costa Counties and individual political jurisdictions therein; and
- D. WHEREAS**, the Members have further determined that such an East Bay Regional Communications System Project (the "EBRCS Project"), to which Members and non-members may subscribe (the "Subscribers") subject to the provisions set forth herein, should be undertaken in order to meet public safety communication needs of the Members, and that the EBRCS Project will have regional consequences beyond the Members' geographical jurisdictions, thus encouraging participation by other governmental agencies including but not limited to the State and Federal government.

NOW THEREFORE, in consideration of the promises, terms, conditions, and covenants contained herein, the Members agree as follows:

AGREEMENT

1. **Authority and Purpose.** This Agreement is made under the authority of and pursuant to the Joint Exercise of Powers Act, Chapter 5 of Division 7 of Title 1 of the California Government Code (commencing with Section 6500 et seq.) (the "Act"), relative to the joint exercise of powers common to the Members and as otherwise granted by the Act. The purpose of this Agreement is to provide for the acquisition of real, personal and intangible property; and the planning, design, financing, regulation, permitting, environmental evaluation, public outreach, construction, operation, and maintenance of the EBRCS Project, or any identifiable portion of the EBRCS Project. Notwithstanding anything in this Agreement to the contrary, each Member also reserves all of its rights and powers to proceed separately within its jurisdictional boundaries on any compatible public safety communications projects anticipated to become part of the EBRCS Project; provided, however, that the planning, design, and construction of such projects should be consistent with the Functional Specifications for the EBRCS

Project (the "Functional Specifications") to be determined by the Authority's Board of Directors, as the same may be amended from time to time. When approved, the Functional Specifications shall be deemed incorporated herein by this reference.

The general specifications and performance standards for the EBRCS Project are as follows: The EBRCS Project is designed as a P25 digital trunking system operating in the 800Mhz/700Mhz frequency spectrum. The system solution is a wide area, two county, IP-based architecture communications system that is compliant with the ANSI/EIA/TIA-102 suite of standards. The EBRCS Project will utilize sites strategically located throughout, but not limited to, Member jurisdictions. The EBRCS Project is also expected to meet typical public safety requirements of a Grade of Service of two percent buses during the busy hour with an estimated 90 percent of busy calls queued within 2.5 seconds.

For purposes of this Agreement, P25 compliant or equivalent means a common set of standards for first-responders that allows the highest level of interoperable communications in a digital mode.

2. Creation of Authority and Jurisdiction. Pursuant to the Act, the Members hereby create the East Bay Regional Communications System Authority (the "Authority"), a public entity separate and distinct from each of the Members. The jurisdiction of the Authority shall be all territory within the geographic boundaries of the Members, however the Authority may undertake any action outside such geographic boundaries as is necessary and incidental to the accomplishment of its purpose and the EBRCS Project.

3. Term and Termination. This Agreement shall be effective as of the date first above written. It shall remain in effect until the purpose stated in Section 1 of this Agreement is fully accomplished, or until terminated by the vote of a majority of the governing bodies of the Members; provided, however, that this Agreement may not be terminated, and no Member may withdraw its membership, until (a) all bonds or other instruments of indebtedness issued by the Authority and the interest thereon, if any, have been paid in full or provision has been made for payment in full and (b) all outstanding obligations and liabilities of the Authority have been paid in full or provision has been made for payment in full, except as set forth in Section 13.

4. Powers of the Authority.

a. Powers. The Authority shall have all powers necessary or reasonably convenient to carry out the purposes stated in Section 1 of this Agreement, including, but not limited to, the following:

- (1) To secure administrative office space and furnishings;
- (2) To make and enter into contracts including other joint powers agreements and Subscriber agreements;
- (3) To contract for, or employ, administrative, technical, legal and support staff, and consultants and contractors of any kind;
- (4) To acquire and maintain insurance of all types;

- (5) To lease or sublease real, personal and intangible property;
- (6) To acquire, hold, or dispose of real, personal or intangible property by negotiation, dedication or eminent domain provided, however, that the power of eminent domain shall be used to acquire real, personal or intangible property of a Member only with the consent of the governing body of such Member;
- (7) To own, lease, sublease, acquire, operate, maintain and dispose of materials, supplies, and equipment of all types including, but not limited to intangible property such as radio frequencies;
- (8) To plan, and to conduct environmental evaluation and other analyses in connection therewith, and design buildings, facilities or communications improvements of any kind;
- (9) To construct, operate, and maintain buildings, facilities or communications improvements of any kind, provided that (i) for new buildings, facilities or communications improvements located on property owned by a public entity, the Authority shall provide appropriate public notice of proposed action, but shall be exempt from all local land use and zoning regulations; and (ii) for new buildings, facilities or communications improvements located on private property, the Authority shall apply for and receive appropriate approvals under the applicable local land use and zoning regulations;
- (10) To accept, hold, invest (pursuant to the Act, including, without limitation, Section 6509.5 thereof), manage, and expend monies;
- (11) To obtain and secure funding from any and all available public and private sources including local, state, and federal government, including but not limited to, bond issuances, lease purchase agreements, public grants, public and private contributions, public and private loans, and other funds;
- (12) To incur debts, liabilities or obligations, subject to the provisions of this Agreement, provided that no debt, liability, or obligation shall constitute a debt, liability or obligation of the Members, either jointly or severally.
- (13) Subject to applicable legal authority, to impose, levy, collect, or cause to be collected, or to receive and use, public safety communication impact or development fees on new residential, commercial, and industrial development;
- (14) Subject to applicable legal authority, to form one or more special assessment districts under any legal authority that exists now or in the future, including, without limitation, the Improvement Act of 1911 (Streets & Highways Code Section 5000 et seq.), the Municipal Improvement Act of 1913 (Streets & Highways Code Section 10000 et seq.), the Improvement Bond Act of 1915 (Streets & Highways Code Section 8500 et seq.), and the Marks-Roos Local Bond Pooling Act of 1985

(Government Code Section 6584 et seq.);

- (15) Subject to applicable legal authority, to form one or more special tax districts under the Mello-Roos Community Facilities District Act of 1982 (Government Code Section 53311 et seq.) or any other authority that may exist now or in the future;
- (16) To negotiate and enter into reimbursement agreements when monies to construct project improvements are advanced;
- (17) Subject to applicable legal authority, to cause taxes, assessments, fees or charges to be levied in accordance with applicable State and Federal law, and in a manner to accomplish the purposes of the Authority;
- (18) To issue bonds and sell or lease any facilities for purposes of debt financing;
- (19) To carry on technical and other investigations of all kinds necessary to further the purposes of the Authority;
- (20) To sue and be sued;
- (21) To amend the Functional Specifications; and
- (22) To exercise all powers incidental to the foregoing including, but not limited to, contracting for services from Members, reimbursing Directors for expenses incurred as permitted by law and adopting personnel rules and regulations.

- b. Limitation of Imposition of Powers. The provisions of subsection a. notwithstanding, the Board of Directors shall have no power to impose taxes, assessments, fees or charges within any Member's jurisdiction unless the Member's governing body adopts a resolution approving the tax, assessment, fee or charge.
- c. Additional Powers to be Exercised. In addition to those powers common to each of the members, the Authority shall have those powers that may be conferred upon it by subsequently enacted legislation.
- d. Restriction on Exercise of Powers. Pursuant to Section 6509 of the Act, the County of Alameda is designated as the Member for determination of the restrictions upon the Members in exercising the powers set forth in this Agreement.
- e. Debts, Liabilities and Obligations. The debts, liabilities, and obligations of the Authority shall not constitute debts, liabilities, or obligations of the Members, either jointly or severally.

5. Duties. The Authority shall have the duty to do the following within the times specified or, if no time is specified, within a reasonable time:

- a. To retain legal counsel for all Authority business, including litigation;

- b. To evaluate the need for, and acquire and maintain if necessary, liability, errors and omissions, or other insurance;
- c. To conduct an annual audit as required by the provisions of Subsection 6.d(3); and
- d. To use its best efforts to develop and adopt within six (6) months of execution of this Agreement: (i) a Capital Plan specifying a means or formula for determining the timing and sequencing of construction of the EBRCS Project consistent with the Functional Specifications referenced in Section 1 of this Agreement and (ii) a funding plan specifying a means or formula for funding the Authority's operations and any EBRCS Project phases that are the responsibility of the Authority (the "Funding Plan"), which Funding Plan will include an allocation of costs among the Members, Subscribers to the EBRCS Project and other funding sources.
- e. To administer the EBRCS Project in accordance with the purposes set forth in Section 1.
- f. To establish within six (6) months of the execution of this Agreement ad hoc operational and technical committees as necessary to consider and recommend to the Board of Directors system implementation issues.
- g. To encourage other governmental and quasi-governmental agencies including but not limited to the State and Federal government, and special districts to participate as Subscribers in the EBRCS Project.
- h. To establish system participation pricing including start-up costs, and ongoing Subscriber/Member unit pricing to cover system operations, technical upgrades, and system replacement reserves.
- i. To establish policies and procedures for the voluntary transfer and/or lease of assets from Member jurisdictions including but not limited to frequencies, transmitter sites and associated equipment.
- j. To enter into agreements with Members, or, in the event that a particular skill or service is unavailable from Members, with outside vendors to perform maintenance of the system.
- k. To provide yearly performance review of the EBRCS Project and to report thereon as directed by the Board of Directors.

6. Administration.

- a. Governing Board - Membership. The Authority shall be administered by a Board of Directors (the "Board") consisting of twenty-three (23) Directors and their respective alternates. Directors and alternates shall be appointed as follows and, at the time of such appointment and for the duration of such service, shall be employees or officers of Member agencies:

- (1) Alameda County Board of Supervisors
- (1) Contra Costa County Board of Supervisors
- (1) Alameda County Police Chiefs Association (to be selected by the Association)
- (1) Contra Costa County Police Chiefs Association (to be selected by the Association)
- (1) Alameda County Fire Chiefs Association (to be selected by the Association)
- (1) Contra Costa County Fire Chiefs Association (to be selected by the Association)
- (1) Special District (to be selected by the Association)
- (1) Alameda County, County Administrator
- (1) Contra Costa County, County Administrator
- (1) Alameda County Sheriff
- (1) Contra Costa County Sheriff
- (3) Contra Costa County City Managers (to be selected by the Association)
- (3) Alameda County City Managers (to be selected by the Association)
- (3) Contra Costa County Elected Officials (to be selected by the Mayor's Conference)
- (3) Alameda County Elected Officials (to be selected by the Mayor's Conference)

Alternates shall serve as Directors in the absence of their respective Directors and shall exercise all rights and privileges thereof. Each Director and each alternate for such Director shall serve at the pleasure of the appointing entity and may be removed at any time without notice.

b. Meetings.

- (1) Regular Meetings. The Board shall by resolution establish the number of regular meetings to be held each year and the date, hour and location at which such regular meetings shall be held; provided, that the Board shall meet at least once every year.
- (2) Special Meetings. Special meetings of the Board may be called in accordance with the provisions of the Ralph M. Brown Act (Government Code Section 54950 *et seq.*).
- (3) Conduct of Meetings. All meetings of the Board shall be held in accordance with the Ralph M. Brown Act (Government Code Section 54950 *et seq.*).
- (4) Minutes. The Secretary of the Authority shall cause minutes of all meetings of the Board to be kept and shall, as soon as possible after each meeting, cause a copy of the minutes to be forwarded to each Director, the Members, and other parties upon request.
- (5) Quorum. Twelve (12) Directors of the Board shall constitute a quorum for the transaction of business. Except as provided in Section 7 below, actions of the Board shall require the affirmative vote of a majority of the entire Board (i.e., twelve (12) affirmative votes).

c. Procedures.

- (1) The Board shall elect annually a Chair from among its membership to preside at

meetings and shall select a Secretary who may, but need not, be a Director. The Board may, from time to time, elect such other officers as the Board shall deem necessary or convenient to conduct the affairs of the Authority.

- (2) The Board may adopt by resolution rules of procedure, not inconsistent with the provisions of this Agreement, to govern the conduct of its meetings. Such rules of procedure shall be in accordance with the Ralph M. Brown Act (Government Code Section 54950 *et seq.*).
- (3) Directors of the Board and designated officials and employees, if any, shall comply with the Political Reform Act of 1974, Title 9 of the California Government Code (commencing with Section 81000 *et seq.*).

d. Fiscal Matters.

(1) Treasurer and Auditor.

(A) Except as provided in Subsection (C), below, the treasurer and auditor of Alameda County, respectively, are designated the Treasurer and Auditor of the Authority with the powers, duties, and responsibilities specified in the Act, including, without limitation, Sections 6505 and 6505.5 thereof.

(B) The Board shall designate a certified public accountant as the independent auditor of the Authority with the powers, duties, and responsibilities specified in the Act, including, without limitation, Sections 6505 and 6505.5.

(C) Notwithstanding Subsection (A) above, the Board may at any time appoint one or more of the Authority's officers or employees to either or both of the positions of Treasurer or Auditor as provided in the Act.

(2) Custodian of Property. The Treasurer and Auditor of the Authority shall be the public officers who have charge of, handle, and have access to, the Authority's property and shall file with the Authority an official bond in the amount set by the Board.

(3) Accounts and Reports. The Board shall establish and maintain such funds and accounts as may be required by generally accepted public accounting practice. The books and records of the Authority shall be open to inspection at all reasonable times to the Members and their respective representatives. The accounts shall be prepared and maintained by the Treasurer and Auditor of the Authority. The Authority shall, within one hundred twenty (120) days after the close of each fiscal year, cause an independent audit of all financial activities for such fiscal year to be prepared by the independent certified public accountant employed by the Authority in accordance with Government Code Section 6505. The Authority shall promptly deliver copies of the audit report to each member of the Board and the Members.

(4) Budget. The Board shall adopt a budget no later than one hundred twenty (120) days after the first meeting of the Board and no later than June 30th of each year thereafter.

(5) Contributions. Within 90 days of execution of this Agreement, the Board will establish by two-thirds (2/3) vote of the Board the amount of start-up funds to be contributed to the Authority by each Member. Additional contributions shall be specified in the Funding Plan to be adopted by two-thirds (2/3) vote of the Board, in accordance with Section 5.d. and Section 7.a.

(6) Fiscal Year. The fiscal year of the Authority shall be the period from July 1st of each year to and including the following June 30th.

7. Voting. Each member of the Board shall have one vote. The Board may take action by the affirmative vote of the majority of the entire Board. However, the following actions may only be taken with the affirmative vote of at least sixteen (16) Directors.

- a. Establish start-up contributions from Members, as referenced in Section 6.d.(5) of this Agreement and adopt a Funding Plan, as referenced in Sections 6.d.(5) and 5.d.;
- b. Levy and collect, or cause to be collected, communication impact fees on new residential, commercial, and industrial development, as authorized by local, state, and federal law;
- c. Form a special assessment district under any legal authority that exists now or in the future, including, without limitation, the Improvement Act of 1911 (Streets & Highways Code Section 5000 et seq.), the Municipal Improvement Act of 1913 (Streets & Highways Code Section 10000 et seq.), and the Improvement Bond Act of 1915 (Streets & Highways Code Section 8500 et seq.), as authorized by local, state, and federal law;
- d. Form a special tax district under the Mello-Roos Community Facilities District Act of 1982 (Government Code Section 53311 et seq.) or any other authority that may exist now or in the future;
- e. Cause taxes, assessments, fees or charges to be levied as authorized by local, state, and federal law, and in a manner to accomplish the purposes of the Authority;
- f. Issue bonds or other forms of debt; and
- g. Exercise the power of eminent domain.

8. Reserved.

9. Indemnification. The Authority shall acquire such insurance protection as is necessary to protect the interest of the Authority and its Members. The Authority shall assume the defense of and indemnify and save harmless the Members and their governing bodies, officers, agents, and employees from all claims, losses, damages, costs, injury, and liability of every kind, nature, and description directly or indirectly arising from the performance of any of the activities of the Authority or the activities undertaken pursuant to this Agreement.

10. Liability of Board, Officers and Employees.

- a. The Directors, officers, and employees of the Authority shall use ordinary care and reasonable diligence in the exercise of their powers, and in the performance of their duties pursuant to this Agreement. They shall not be liable to the Members for any mistake of judgment or other action made, taken, or omitted by them in good faith, nor for any action made, taken, or omitted by any agent, employee, or independent contractor selected with reasonable care, nor for loss incurred through the investment of the Authority's funds, or failure to invest the same.
- b. To the extent authorized by California law, no Director, officer, or employee of the Authority shall be responsible for any action made, taken, or omitted, by any other member of the Board, officer, or employee. No member of the Board, officer, or employee of the Authority shall be required to give a bond or other security to guarantee the faithful performance of his or her duties pursuant to this Agreement, except as provided in Subsection 6.d (2).
- c. The funds of the Authority shall be used to defend, indemnify, and hold harmless the Authority and Director, officer, or employee of the Authority for actions taken in good faith and within the scope of his or her authority. Nothing herein shall limit the right of the Authority to purchase insurance to provide coverage for the foregoing indemnity.

11. Rules. The Board may adopt, from time to time, such policies, procedures, bylaws, rules and regulations for the conduct of the Authority's affairs as the Board deems necessary and appropriate.

12. Disposition of Property upon Termination. In the event of termination of the Authority pursuant to Section 3 herein and where there will be a successor public entity which will carry on the functions of the Authority and assume its assets and liabilities, the assets of the Authority shall be transferred to the successor public entity. If upon termination pursuant to Section 3, there is no successor public entity which will carry on the functions of the Authority and assume its assets, the assets shall be returned to the Members as follows: (a) all real property and any improvements thereon shall be conveyed to the Member which owned the property prior to the formation of the Authority, and (b) all other assets shall be divided among the Members in proportion to their respective contributions during the term of this Agreement. If upon termination pursuant to Section 3, there is a successor public entity which will carry on some of the functions of the Authority and assume some of the assets, the Authority's Board shall allocate the assets between the successor public entity and the Members.

13. New Parties and Termination and Withdrawal of Existing Parties. The Board shall have plenary authority to establish rules, standards and charges for the admission of new parties to this Agreement and for the termination and withdrawal of existing parties to this Agreement, subject to the provisions set forth in this Agreement. Admission of a new member shall not require amendment to this Agreement. New parties may become members on any conditions prescribed by the Board including payment of special fees and charges. The Board shall further have plenary authority to establish conditions for non-member Subscribers to the EBRCS Project whether such non-member Subscribers are or are not public entities. In the event that a Member seeks to withdraw from the Authority prior to issuance of bonds or other instruments of indebtedness, the withdrawing Member shall be charged an amount which shall represent a fair and equitable pro rata share of the costs, expenses and obligations incurred by the Authority at that time, as determined by the Board.

14. Successors: Assignment. This Agreement shall be binding upon and shall inure to the benefit of the successors of the Members. No Member may assign any rights or obligations hereunder without the unanimous consent of the governing bodies of the other Members; provided, further, that no such assignment may be made if it would materially and adversely affect (a) the rating of bonds issued by the Authority, or (b) bondholders holding such bonds.

15. Amendments. This Agreement may be amended only by the mutual agreement of all the governing bodies of the Members. So long as any bonds of the Authority are outstanding and unpaid, or funds are not otherwise set aside for the payment or redemption thereof in accordance with the terms of the bonds and the documentation relating thereto, this Agreement shall not be amended, modified or otherwise revised, changed or rescinded, if such action would (a) materially and adversely affect (1) the rating of bonds issued by the Authority, or (2) bondholders holding such bonds, or (b) limit or reduce the obligations of the Members to make, in the aggregate, the payments under the Funding Plan which are for the benefit of the owners of the bonds.

16. Notices. Any notices to Members required by this Agreement shall be delivered or mailed, U.S. first class, postage prepaid, addressed to the principal office of the respective Members. Notices under this Agreement shall be deemed given and received at the earlier of actual receipt, or the second business day following deposit in the United States mail, as required above. Any Member may amend its address for notice by notifying the other Members pursuant to this Section.

17. Severability. Should any part, term, or provision of this Agreement be decided by the courts to be illegal or in conflict with any law of the State of California, or otherwise be rendered unenforceable or ineffectual, the validity of the remaining portions or provisions shall not be affected thereby.

18. Liberal Construction. The provisions of this Agreement shall be liberally construed as necessary or reasonably convenient to achieve the purposes of the Authority.

19. Headings. The headings used in this Agreement are for convenience only and have no effect on the content, construction, or interpretation of the Agreement.

20. Counterparts. This Agreement may be executed in any number of counterparts, and by different parties in separate counterparts, each of which, when executed and delivered, shall be deemed to be an original and all of which counterparts taken together shall constitute but one and the same instrument.

21. Agreement Complete. The foregoing constitutes the full and complete Agreement of the parties. There are no oral understandings or agreements not set forth in writing above. Any such agreements merge into this Agreement.

IN WITNESS WHEREOF, the Members have entered into this Agreement effective on the date first above written.

[signature pages to follow]

942861_5; 1191.002

Joint Exercise of Powers Agreement for the
East Bay Regional Communications System Authority
Final Agreement: August 14, 2007

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Attachment H.

EAST BAY REGIONAL COMMUNICATIONS SYSTEM AUTHORITY

PROJECT OPERATING AGREEMENT

This PROJECT OPERATING AGREEMENT (the "Operating Agreement"), made and entered into as of _____, 2013, (the "Effective Date"), is by and between the East Bay Regional Communications System Authority, a joint exercise of powers authority organized and existing under and by virtue of the laws of the State of California (the "Authority"), and the public agency set forth on the signature page hereof (the "User").

WITNESSETH:

WHEREAS, the Authority is a joint exercise of powers authority duly organized and existing under the provisions of Articles 1 through 4 (commencing with Section 6500) of Chapter 5 of Division 7 of Title 1 of the Government Code of the State of California (the "Act"), formed by the local agencies (the "Members") that are signatories to a Joint Exercise of Powers Agreement dated as of September 11, 2007 (the "JPA Agreement"), and is authorized pursuant to Article 4 of the Act (the "Bond Law") to borrow money for the purpose of paying the cost of public capital improvements within the State of California, including a P25 compliant or equivalent communications system serving Alameda and Contra Costa Counties and individual political jurisdictions therein as further described in Exhibit B hereto (the "Project"); and

WHEREAS, User and the Authority propose to enter into this Operating Agreement, whereby the Authority will own and operate the Project for the benefit of the User and other users of the Project (collectively, the "Users"), which other Users will execute operating agreements similar to this one (collectively, the "Operating Agreements") and the Users will pay, pursuant to user fees, a portion of the cost of the Project, consisting of a buy-in cost based on the number of radios in use in the Project (the "Initial Payments"), the cost of the Project (the "Service Payments") and the cost of annual operation (the "Operating Payments"), (Service Payments and Operating Payments are referred to herein collectively as the "User Payments"); and

WHEREAS, the Authority will issue its revenue bonds (the "Bonds") pursuant to a trust agreement for the purpose of providing money to acquire the Project; and

WHEREAS, Users may elect to prepay the Service Payment component of the User Payments prior to issuance of the Bonds, thereby reducing the amount of Bonds required to be issued; and

WHEREAS, the Bonds are to be secured by a pledge of and first lien on the Service Payments to the extent received by the Authority from the Users pursuant to Operating Agreements executed by each of them, which Service Payments are anticipated to be sufficient in time and amount to pay the principal of and interest on the Bonds; and

WHEREAS, this Operating Agreement is intended to establish a means of providing the User Payments and ensuring the sound operation of the Project, and is not in itself an approval of the Project or the grant of any land use entitlement to develop the Project; and

WHEREAS, the Authority, through its Operations and Finance Committees, commits to use its best efforts to create, by December 1, 2011, an Operating and Maintenance Agreement ("OMA") that will further describe the terms and conditions for Operation of the Project and the Authority's service obligations to all Users, including without limitation: (i) the specific maintenance and operational requirements for the Project; (ii) the duration and scope of Authority's obligation to deliver radio service from the Project following termination of this Operating Agreement; (iii) the process used to determine operating costs of the Project; (iv) the baseline service levels for Users in their respective jurisdictions; (v) the payment schedule for and the amount of Operating Payments; (vi) the Authority's commitment of best efforts to complete repair or reconstruction of the Project within a reasonable time; (vii) the Authority's commitment of best efforts to provide continuous service to User and to minimize to the extent possible temporary interruptions of or reductions in service for necessary inspection, maintenance, repair or replacement of the Project; (viii) and the notification procedures to Users of temporary interruptions of or reductions in service.

NOW, THEREFORE, for and in consideration of the premises and the material covenants hereinafter contained, the undersigned User and the Authority agree that the recitals are true and correct, and as follows:

ARTICLE I

DEFINITIONS

Section 1.01. Definitions.

Unless the context otherwise requires, the terms defined in this Section 1.01 shall for all purposes hereof, and of any amendment hereof, and of any opinion or report or other document mentioned herein or therein, have the meanings defined herein; the following definitions to be equally applicable to both the singular and plural forms of any of the terms defined herein. All capitalized terms used in this Operating Agreement and not defined herein shall have the meanings ascribed thereto in the Trust Agreement.

"Act" means Articles 1 through 4 (commencing with Section 6500) of Chapter 5, Division 7, Title 1 of the Government Code of the State of California.

"Authority" means the East Bay Regional Communications System Authority, a joint exercise of powers authority organized and existing under the Act and any successor thereto.

"Authorized Representative" means: (a) with respect to the Authority, its Chair, Vice Chair, Executive Director, or Secretary, or any other person designated as an Authorized Representative of the Authority by a Written Certificate of the Authority signed by its Chair and filed with the Trustee; and (b) with respect to a User, any person authorized to perform any act or sign any document by or pursuant to a resolution of the governing board of such User and filed with the Authority.

"Bondholder or " Bond Owner" means any person who shall be the registered owner of any Outstanding Bond.

"Bond Law" means Article 4 (commencing with Section 6584) of Chapter 5 of Division 7 of Title 1 of the California Government Code, as amended from time to time.

"Bonds" means the revenue bonds of the Authority issued from time to time to finance the Project pursuant to the Trust Agreement.

"Business Day" means a day which is not a Saturday, Sunday or legal holiday on which banking institutions in the State of California, or in any state in which the Office of the Trustee is located, are closed.

"County" means the County of Alameda and/or the County of Contra Costa, as further specified herein.

"Debt Service" means the debt service due Alameda and Contra Costa Counties on the Bonds and set forth in the Trust Agreement and Financing Agreements, as they may be amended or supplemented from time to time.

"Due Date" means, with respect to the User Payments, August 31st of each year.

"Event of Default" means an event of default described in Section 5.01 hereof.

"Financing Agreement" means an agreement between the Authority and the respective County pursuant to which County will purchase the Bonds.

"Fiscal Year" means the period beginning on July 1 of each year and ending on the next succeeding June 30, or any other twelve-month period hereafter selected and designated as the official Fiscal Year period of the Authority designated in a Written Certificate of the Authority delivered to the Trustee.

"Initial Payments" means the charge of Two Hundred Dollars (\$200) per radio, established by the Authority as an up-front payment required to become a User pursuant to Section 3.01.

"JPA Agreement" means that certain Joint Exercise of Powers Agreement, dated as of September 11, 2007, establishing the Authority, as originally executed or as it may from time to time be supplemented, modified or amended as provided therein.

"Members" means the signatories to the JPA Agreement, as the same may be amended from time to time, that have executed an Operating Agreement.

"Net Proceeds" means, when used with respect to any insurance or condemnation award received by the Authority, the proceeds from such insurance or condemnation award remaining after payment of all reasonable expenses (including attorneys' fees) incurred in the collection of such proceeds.

"New User" means a local agency that has entered into or intends to enter into an Operating Agreement with the Authority and that has not paid an Initial Payment.

"Operating Agreement" means this operating agreement, dated as of _____, including any amendments and supplements hereto.

"Operating Agreements" means, collectively, the operating agreements executed by the Authority relating to the Project.

"Operating Costs" means the costs spent or incurred by the Authority for maintaining and operating the Project, including all expenses of management, repair and operation, including but not limited to costs of electricity, outside vendor contracts, software license and upgrades, replenishment of the Reserve and Replacement Fund, and all other expenses necessary to maintain and preserve the Project in good repair and working order, and all administrative costs of the Authority, including administrative costs attributable to the Project and to the Operating Agreement, including without limitation salaries and wages of employees, overhead, insurance, taxes (if any), expenses, reasonable compensation and indemnification of fiscal agents, paying agents and trustees with respect to the foregoing, and fees of auditors, accountants, attorneys or engineers, and all applicable federal, state and local requirements pertaining to the operation of the Project.

"Operating Payment" means the share of Operating Costs, including but not limited to funding of the Reserve and Replacement Fund and funding of new capital, annually allocated to each User, as annually determined by the Authority.

"Operating Period" means the period in each year from July 1 to and including the following June 30, during which time the Authority is operating the Project.

"Project" means that certain public safety radio system to be financed with the proceeds of the Bonds and all other sources of financing available to the Authority, as described in Exhibit B hereto, as the same may be amended from time to time.

"Project Fund" means that certain fund created pursuant to the Authority's Financing Agreements with the Counties, to be funded from the proceeds of issuance of the Authority's Bonds and the prepayment of Service Payments made prior to Bond sizing.

"Reserve and Replacement Fund" means the reserve and replacement fund held by the Authority pursuant to Section 3.06 hereof.

"Reserve and Replacement Fund Requirement" means that requirement for the Authority's maintenance of a minimum of One Million Dollars (\$1,000,000) in the Reserve and Replacement Fund.

"Revenue Fund" means the special fund held by the Trustee pursuant to the Trust Agreement.

"Revenues" means (a) the Initial Payments, (b) all User Payments received by the Authority from the Users hereunder, including the proceeds of any business interruption insurance, (c) investment income with respect to any moneys held by the Trustee in the funds and accounts established under the Trust Agreement and the Financing Agreements, and (d) all other funds from any source legally available to the Authority.

"Service Payments" means the annual payments by each User for the service provided by the Project in the applicable Operating Period, in the amounts set forth in Exhibit A hereto, as revised periodically from time to time by the Authority, which amounts shall be used by the Authority to pay the principal of and interest on the Bonds or deposited in the Reserve and Replacement Fund.

"Trustee" means initially the Treasurer, Auditor or other designee of the County of Alameda or such other firm appointed by the Authority and acting as an independent Trustee with the duties and powers provided in the Trust Agreement, its successors and assigns, and any other corporation or association which may at any time be substituted in its place, as provided in the Trust Agreement.

"Trust Agreement" means the Trust Agreement, dated as of October 1, 2010, between the Authority and the Trustee, as originally executed and as it may from time to time be amended or supplemented.

"User Payment" means, collectively, the Service Payment and the Operating Payment due in any year, except to the extent such amounts are rebated to a User due to abatement of such User's obligations hereunder as provided in Section 3.04 hereof.

"Users" means all signatories to an Operating Agreement that have paid an Initial Payment.

ARTICLE II

OPERATION OF THE FACILITIES

Section 2.01. Operation of the Project: Title.

The Authority has or will enter into purchase orders and contracts to supervise and provide for, or cause to be supervised and provided for, the complete planning, design, construction, acquisition, financing, improvement, repair, modification and installation of the Project (collectively, "Construction"). The Authority covenants to obtain such land use permits as are required for Construction. In the event any such permit cannot be reasonably obtained, the Authority will use its best efforts to pursue alternate sites for such component of the Project. The Authority agrees that it will cause the work under said contracts to be diligently performed and that the Project will be constructed in accordance with the specifications approved by the Authority.

The Authority shall have the right to make additions, modifications and improvements to the Project or any portion thereof. All additions, modifications and improvements to the Project shall thereafter comprise part of the Project and become subject to the provisions of this Operating Agreement. Such additions, modifications and improvements shall not in any way damage the Project, or cause the Project to be used for purposes other than those authorized under the provisions of state and federal law; and the Project, upon completion of any additions, modifications and improvements made thereto pursuant to this Section, shall be of a value which

is not substantially less than the value thereof immediately prior to the making of such additions, modifications and improvements. The Authority will not permit any mechanic's or other lien to be established or remain against the Project for labor or materials furnished in connection with any remodeling, additions, modifications, improvements, repairs, renewals or replacements made by the Authority pursuant to this Section; provided that if any such lien is established and the Authority may in good faith contest any lien filed or established against the Project, and in such event may permit the liens so contested to remain undischarged and unsatisfied during the period of such contest and any appeal therefrom. The User will cooperate in any such contest, upon the request and at the expense of the Authority.

Notwithstanding any other provision hereof, the Authority shall be entitled to remove portions of the Project from service, upon a filing with the Trustee of evidence that adequate facilities remain to provide comparable levels of service to the Users notwithstanding any such removal.

Section 2.02. Modification of Project.

The Authority hereby agrees to operate the Project for the duration of this Operating Agreement.

The Project shall only be used for radio service for public safety and other governmental uses for the benefit and convenience of the Users. User shall have the right to use the Project at all times herein mentioned at rates and charges established by the Authority, except as otherwise provided pursuant to Article V hereof. In order to effectively operate the Project, the Authority hereby agrees to maintain and preserve the Project in good repair and working order at all times and to operate the Project in an efficient and economical manner, and to pay all maintenance and operation costs of the Project as they become due and payable from available revenues.

At all times during the term of this Operating Agreement the Authority shall hold title to the Project, including all additions which comprise fixtures, repairs, replacements or modifications thereto, except for such equipment as is owned by one or more Users or other governmental agencies and licensed to the Authority. Upon the termination of this Operating Agreement, all right, title and interest in and to the Project shall be retained by the Authority except as may be otherwise provided pursuant to licensing or other agreements.

The User recognizes and acknowledges that the operation, control, ownership and management of the Project is at the complete and sole discretion of the Authority. Nothing in this Operating Agreement shall be construed to limit the Authority's discretion in management and operation of the Project. In connection therewith, User hereby consents to all steps or actions Authority has taken or may take which are necessary or appropriate for the authorization, issuance, sale and delivery of the Bonds.

The Authority will make all reasonable effort to provide continuous service to the Users, but may temporarily discontinue or reduce service to one or more of the Users for the purpose of necessary investigation, inspection, maintenance, repair or replacement of any of the Project, or except as provided in Article V hereof. The Authority shall notify Users as far in advance as reasonably possible of any discontinuance or reduction of service, and the estimated duration of

such discontinuance or reduction. Recognizing that the Users will rely on the Authority for uninterrupted service, the Authority agrees to use its best efforts throughout the term of this Operating Agreement to minimize any such discontinuance or reduction of service.

The Authority shall prepare a budget for all Operating Costs by the beginning of each fiscal year, and shall promptly provide each User with a copy thereof. To the extent Operating Costs in any year exceed the amount set forth in the budget, the Authority shall promptly notify each User in writing of such increases. Upon receipt of such notice, the User hereby agrees to use its best efforts to pay such increased Operating Costs as soon as possible.

The Authority acknowledges and agrees that the User has full authority and discretion to grant or deny applications for land use entitlements and approvals within its jurisdiction related to the Project, and that this Operating Agreement does not grant the Authority any such entitlements or approvals to develop the Project.

Section 2.03. Bond Issuance.

The Bonds shall be issued, sold and delivered on such terms and conditions as the Authority, in its reasonable discretion, deems necessary or desirable. User hereby agrees to cooperate with the Authority and its designated representatives, and to provide all reasonably requested material relating to the User, in order to timely accomplish such authorization, issuance, sale and delivery of the Bonds; provided that such cooperation does not constitute an agreement to issue any land use permits. However, User covenants to promptly process all applications of the Authority for necessary land use permits.

The Authority shall issue Bonds only for that portion of the Project's Construction that is not funded by prepaid Service Payments from Users..

Section 2.04. Term.

Unless extended by mutual agreement, the term of this Operating Agreement shall commence on the first date of delivery of any Bonds to the initial purchaser thereof (or if executed later, the date of execution of this Operating Agreement) and terminate (subject to such other termination events as provided in this Operating Agreement), on the date on which no Bonds are Outstanding.

ARTICLE III

PAYMENT OF INITIAL PAYMENTS AND USER PAYMENTS; RESERVE AND REPLACEMENT FUND

Section 3.01. Payment of the Initial Payment and User Payments.

New Users who enter into an Operating Agreement and existing Users who have paid an Initial Payment of \$200 per radio who wish to increase the number of radios in their existing service, shall pay an Initial Payment to the Authority, or its successors or assigns, from any source of legally available money, of Two Hundred Dollars (\$200) per radio. The Initial Payments shall be deposited in the Reserve and Replacement Fund. In addition, each New User,

or User increasing the number of radios in service, shall pay an Operating Payment equal to the fee per radio paid by all then existing Users, and a Service Payment per radio equal to that paid by each existing User then paying a Service Payment, unless such New User selects prepayment of its Service Payment.

In the event that a User chooses to prepay its Service Payment at the time of its execution of the Operating Agreement, the Authority will calculate the appropriate contribution of the User based on the total cost of the Project, and will deposit such Service Payment made prior to Bond sizing in the Project Fund. Projected User Payments are set forth in Exhibit A.

In addition to any required Initial Payment, on each Due Date, beginning in 2013, unless required earlier pursuant to a supplemental agreement, the User shall pay to the Authority, or its successors or assigns, from any source of legally available money, its Service Payment, if any is due, and its Operating Payment. The Operating Payment owed by each User shall be in the amount annually determined by the Authority for such Operating Period. The payment in any Operating Period by a User of its User Payment shall be for use of the Project by such User during such Operating Period.

Each Initial Payment and User Payment shall be payable by the User in accordance with the terms hereof and at the times required herein in lawful money of the United States of America. In the event the User should fail to make any of the payments required in this Section 3.01, the payment in default shall continue as an obligation of such User until the amount in default shall have been fully paid, and the User agrees to pay the same with interest thereon, to the extent permitted under applicable law, from the date of default to the date of payment at the highest rate of interest represented by any Outstanding Bond plus one percent (1%). Overdue Service Payments, if received, shall be deposited in the Reserve and Replacement Fund to the extent that the amount on deposit therein is less than the Reserve and Replacement Fund Requirement, and then to the Revenue Fund. Overdue Operating Payments shall be used by the Authority to pay Operating Costs.

The User Payment coming due and payable during each Operating Period shall constitute the total payment for service to such User provided by the Project for such Operating Period, and shall be paid by each User in each Operating Period for and in consideration of the right of the use and service provided by the Project during each Operating Period. The parties hereto have agreed and determined that the total User Payment represents not more than the fair value of the cost of the service provided by the Project. In making such determination, consideration has been given to the estimated fair market value of the Project, the costs of financing, servicing and operating the Project, other obligations of the User and the Authority under this Operating Agreement, the uses and purposes which may be served by the Project and the benefits therefrom which will accrue to the Users and the general public.

Section 3.02. Source of Payments: Budget and Appropriation.

The User Payments shall be payable from any source of legally available funds of the Users. User covenants to take such action as may be necessary to include all payments owed hereunder in each of its annual budgets during the term of this Operating Agreement and to make the necessary annual appropriations for all such payments. The covenants on the part of User

contained herein shall be deemed to be and shall be construed to be duties imposed by law and it shall be the duty of each and every public official of User to take such action and do such things as are required by law in the performance of the official duty of such officials to enable such User to carry out and perform the covenants and agreements of such User in this Operating Agreement.

In the event of abatement of User's Service Payment due to the Project being unavailable for use, the User's Authorized Representative and officers charged with the duty of preparing and submitting the annual budget of User to its legislative body shall include in the proposed budget, and request that the legislative body include in the final approved budget, and thereby appropriate, any amount necessary to replenish the Reserve and Replacement Fund in the amount of such User's abated Service Payment. Such officers shall use their best efforts to obtain such appropriation. The request for inclusion in the final approved budget and appropriation shall be made in each Fiscal Year following any such abatement so long as is necessary to restore the Reserve and Replacement Fund. Notwithstanding the foregoing provisions of this paragraph, the decision of the legislative body as to whether or not to approve and appropriate any amount under this paragraph in any given Fiscal Year for the purpose of reinstating the Reserve and Replacement Fund Requirement is in the sole and sound discretion of such legislative body, and the failure to make any such appropriation in any given Fiscal Year shall not constitute an Event of Default under this Operating Agreement.

Section 3.03. Reserved.

Section 3.04. Abatement of Payment of User Payments.

If the Project shall be taken permanently under the power of eminent domain or sold to a government threatening to exercise the power of eminent domain, this Operating Agreement shall cease with respect thereto as of the day possession shall be so taken. If less than all of the Project shall be taken permanently, or if the Project or any portion thereof shall be taken temporarily, under the power of eminent domain, and there is a resulting substantial interference with the service provided by the Project, then (a) this Operating Agreement shall continue in full force and effect with respect thereto and shall not be terminated by virtue of such taking and the parties hereto waive the benefit of any law to the contrary, and (b) there shall be a partial abatement of the User Payments, in a commercially reasonable amount to be determined by the Authority such that the resulting User Payments represent fair consideration for the service provided by the remaining usable components of the Project. The User Payments shall be abated during any period in which there is a material failure by the Authority to provide radio service from the Project to such User. The amount of such abatement shall be determined by the Authority such that the resulting User Payments represent fair consideration for the service provided by the portions of the Project not damaged or destroyed. Such abatement shall continue for the period commencing with such material damage or destruction and ending with the substantial completion of the work of repair or reconstruction. In the event of any such material damage, destruction or malfunction, this Operating Agreement shall continue in full force and effect and User waives any right to terminate this Operating Agreement by virtue of any such damage and destruction.

Section 3.05. Receipt and Deposit of User Payments.

The Authority covenants and agrees that the User Payments, when and as received, will be received and held by or on behalf of the Authority in trust and deposited in the Revenue Fund.

Section 3.06. Establishment, Maintenance and Use of Reserve and Replacement Fund.

The Authority shall maintain and hold a separate fund to be known as the "Reserve and Replacement Fund." The Authority shall deposit Revenues remaining after paying Debt Service on the Bonds, and Operating Payments remaining after payment of all Operating Costs for the Fiscal Year, in the Reserve and Replacement Fund until the amount on deposit therein is at least equal to the Reserve and Replacement Fund Requirement, and thereafter add such amounts as the Authority shall determine from time to time as necessary to replenish the Reserve and Replacement Fund so that it has on deposit an amount at least equal to the Reserve and Replacement Fund Requirement. The Authority may withdraw amounts from the Reserve and Replacement Fund for use in repairing, improving or replacing the Project or any component thereof; providing credits to Users pursuant to Exhibit A hereto; or for any other lawful purpose that is authorized by the Authority's Board of Directors; provided, however, that in the event any User Payment is abated as provided herein or is insufficient to pay Debt Service, amounts on deposit in the Reserve and Replacement Fund may be used for transfer to the Trustee in an amount equal to such abated User Payments or such insufficiency, until such time as the abatement is discontinued and User Payments are sufficient to pay Debt Service.

ARTICLE IV

REPRESENTATIONS, COVENANTS AND WARRANTIES

Section 4.01. Compliance with Operating Agreement.

The Users will punctually pay the User Payments in strict conformity with the terms hereof, and will faithfully observe and perform all the agreements, conditions, covenants and terms contained herein required to be observed and performed by them.

The Authority will faithfully observe and perform all the agreements, conditions, covenants and terms contained herein and in the Trust Agreement required to be observed and performed by it, and it is expressly understood and agreed by and among the parties to this Operating Agreement that each of the agreements, conditions, covenants and terms contained in this Operating Agreement is an essential and material term of the operation of the Project by the Authority.

Section 4.02. Against Encumbrances.

The Authority hereby covenants that as of the date hereof there is no pledge of or lien on the Revenues other than the pledge and lien securing the Bonds. The Authority will not make any pledge of or place any lien on the Revenues except as provided for herein or in the Resolution.

Section 4.03. Against Sale or Other Disposition of Property.

The Authority will not sell, lease, encumber or otherwise dispose of the Project or any part thereof; provided however, any real or personal property which has become nonoperative or which is not needed for the efficient and proper operation of the Project, or any material or equipment which has become worn out, may be sold or exchanged at not less than the fair market value thereof, provided that such sale or exchange does not materially adversely affect the service provided by the Project and that the proceeds (if any) of such sale or exchange shall be deposited in either the Revenue Fund or the Reserve and Replacement Fund. The determination of which fund to receive such deposit shall be at the discretion of the Authority.

Section 4.04. Against Competitive Project.

To the extent permitted by law, the User covenants not to acquire, maintain or operate within the jurisdiction of the Authority any public safety radio system competitive with the Project without the prior written consent of the Authority, which consent shall not be unreasonably withheld. This covenant is not intended to, and does not, prohibit the User from acquiring, maintaining, or operating a public radio system within its jurisdiction if the Operating Agreement is terminated or when the User no longer participates in the Project or with the Authority.

Section 4.05. Tax Covenants.

The Authority and User hereby covenant that they shall not make or permit any use of the Project that may cause the Bonds, or bonds the proceeds of which are used to purchase the Bonds, to be "arbitrage bonds" within the meaning of Section 148 of the Internal Revenue Code of 1986, as amended.

The Authority shall not use the Project to benefit a non-governmental unit until the Project achieves the baseline level of service to Users, and further covenants that so long as any Bonds remain Outstanding, the amount of capacity of the Project to be used, allocated or assigned to any person, other than a governmental unit, will not exceed ten percent (10%) of the total capacity of the Project during such period. For these purposes, the total capacity of the Project shall be determined by multiplying the capacity of the Project by the number of years in the term of the Bonds. The term "governmental unit" means the State of California or any political subdivision thereof but excludes the United States Government or any agency thereof.

Section 4.06. Access to the Project.

The Users and any Authorized Representative of the Users, and the Users' successors or assigns, shall have the right at all reasonable times to enter upon and to examine and inspect the Project or any part thereof. The Users, any Authorized Representative of the Users and the Users' successors or assigns shall further have such rights of access to the Project or any component thereof as may be reasonably necessary to cause the proper maintenance of the Project in the event of failure by the Authority to perform its obligations hereunder; provided, however, that neither the Users nor any of their assigns shall have any obligation to cause such proper maintenance.

Section 4.07. Maintenance of Existence; Amendment of JPA Agreement.

User hereby covenants that so long as any Bonds are Outstanding, User will not terminate this Operating Agreement except as provided in this Section or Section 6.01 hereof. Withdrawal from the JPA Agreement shall not constitute a withdrawal from this Operating Agreement. User shall use its best efforts to maintain its existence and the existence of the Authority, will not dissolve or otherwise dispose of all or substantially all of its own or the Authority's assets and will not consolidate with or merge into another public agency or permit one or more public agencies to consolidate with or merge into it; provided, however, that User may dissolve, consolidate or merge, sell or otherwise transfer to another entity all or substantially all of its assets, provided that the surviving, resulting or transferee entity, as the case may be (i) is a public agency of the State of California or a subdivision thereof, (ii) assumes in writing all of the obligations of User under this Operating Agreement, and (iii) provides an opinion of Bond Counsel (addressed to the Trustee, Counties and the Authority) to the effect that such dissolution, consolidation, merger, sale or transfer will not adversely affect the exclusion of interest on the Bonds from gross income for federal income tax purposes, and complies with the requirements of this Section 4.07. The Authority will use its best efforts to enforce the provisions of this Section 4.07.

So long as any Bonds are Outstanding, the User, if a Member, hereby covenants not to amend or modify the JPA Agreement in a manner which materially affects this Operating Agreement without first obtaining an opinion of Bond Counsel that such modification or amendment does not materially adversely affect the interests of the Bond Owners.

Section 4.08. Payment of Claims.

The Authority will pay and discharge any and all lawful claims for labor, materials or supplies which, if unpaid, might become a lien on the Revenues or any part thereof or on any funds in the control of the Authority prior or superior to the lien of the Bonds or which might impair the security of the Bonds.

Section 4.09. Compliance with Contracts.

The Authority will comply with, keep, observe and perform all agreements, conditions, covenants and terms, express or implied, required to be performed by it contained in all contracts for the use of the Project and all other contracts affecting or involving the Project to the extent that the Authority is a party thereto, including the contract with the initial Project vendor.

Section 4.10. Insurance.

(a) The Authority shall procure and maintain, or cause to be procured and maintained, throughout the term of this Operating Agreement, casualty insurance against loss or damage to the Project, in an amount at least equal to the lesser of replacement cost of the Project or the then outstanding principal amount of the Bonds. Such insurance shall, as nearly as practicable, cover loss or damage by explosion, windstorm, riot, aircraft, vehicle damage, smoke, fire, lightning, vandalism, malicious mischief and such other hazards as are normally covered by such insurance with extended coverage. Such insurance shall not cover loss or damage by seismic activity. Such insurance shall be subject to such deductibles as are customarily maintained by public agencies with respect to works and properties of a like character, but in any

case shall not exceed One Hundred Thousand Dollars (\$100,000). Such insurance may be maintained as part of or in conjunction with any other insurance coverage carried by the Authority, and may be maintained in whole or in part in the form of the participation by the Authority in a joint powers authority or other program providing pooled insurance; provided that such insurance may not be maintained by the Authority in the form of self-insurance. The Net Proceeds of such insurance shall be applied as provided in the Trust Agreement.

(b) The Authority shall maintain or cause to be maintained throughout the term of this Operating Agreement, a standard comprehensive general insurance policy or policies in protection of the Authority, the Users, and their respective members, officers, agents, employees, designated volunteers and assigns. Said policy or policies shall provide for indemnification of said parties against direct or contingent loss or liability for damages for bodily and personal injury, death or property damage occasioned by reason of the operation of the Project as required by the JPA Agreement. Such policy or policies shall provide coverage in such liability limits and be subject to such deductibles as the Authority shall deem adequate and prudent. Such insurance may be maintained as part of or in conjunction with any other insurance coverage carried by the Authority, and may be maintained in whole or in part in the form of self-insurance by the Authority, subject to the provisions of (e) below, or in the form of the participation by the Authority in a joint powers authority or other program providing pooled insurance. The proceeds of such liability insurance shall be applied by the Authority toward extinguishment or satisfaction of the liability with respect to which paid.

(c) The Authority will procure and maintain, or cause to be procured and maintained, workers' compensation insurance against liability for compensation under the Workers' Compensation Insurance and Safety Act of California, or any act hereafter enacted as an amendment or supplement or in lieu thereof, such insurance to cover all persons employed by the Authority in connection with the operation of the Project; provided that such insurance may be effected under a legal self-insurance program.

(d) The Authority shall procure and maintain, or cause to be procured and maintained, throughout the term of the Operating Agreement, business interruption or use and occupancy insurance to cover loss, total or partial, of the use of the Project and the service provided thereby as a result of any of the hazards covered in the insurance required by this Section 4.10, in an amount at least equal to the Debt Service coming due and payable in the next two (2) consecutive years, net of any capitalized interest held pursuant to the Financing Agreement. Such insurance may be maintained as part of or in conjunction with any other insurance coverage carried by the Authority, and may be maintained in whole or in part in the form of participation in a joint powers authority or other program providing pooled insurance; provided that such insurance may not be maintained by the Authority in the form of self-insurance. The Net Proceeds of such insurance, if any, shall be paid to the Trustee and deposited in the Revenue Fund, and shall be credited towards the User Payments allocable to the insured improvements as the same become due and payable.

(e) Insurance required to be maintained by subparagraphs (b) or (c) above may be effected under a legal self-insurance program so long as (i) the Authority shall certify to the Trustee that the Authority has segregated amounts in a special insurance reserve meeting the requirements of the applicable subparagraph (which segregated reserve may be held by any legal

depository of Authority funds) and (ii) the Trustee receives a certificate of a nationally recognized Insurance Consultant that such reserve is actuarially sound, upon which certificate the Trustee may conclusively rely. All policies of insurance required to be maintained herein shall provide that the Trustee shall be given thirty (30) days' written notice of any intended cancellation thereof or reduction of coverage provided thereby, provided, however, the Trustee shall not be responsible for the sufficiency of any insurance herein required.

Section 4.11. Books and Accounts; Statements.

(a) The Authority will keep proper books of record and accounts of the Project, separate from all other records and accounts of the Authority, in which complete and correct entries shall be made of all transactions relating to the Project. Such books of record and accounts shall at all times during business hours be subject to the inspection of the Users.

(b) The Authority will prepare and file with the Trustee and the Counties annually within sixty (60) days after the close of each Fiscal Year during the term of this Operating Agreement a certified statement that all insurance required by this Operating Agreement to be carried by the Authority with respect to the Project is in full force and effect and complies with the terms hereof.

(c) The Authority will cause to be prepared not more than two hundred ten (210) days after the close of each Fiscal Year financial statements of the Authority for such Fiscal Year prepared in accordance with Generally Accepted Accounting Principles, together with an Accountant's Report thereon prepared by an Independent Certified Public Accountant who examined such financial statements, and a general statement of the physical condition of the Project. The Authority will furnish a copy of such summary statement to the Users.

Section 4.12. Payment of Taxes and Compliance with Governmental Regulations.

The Authority will pay and discharge all taxes, assessments and other governmental charges, if any, which may hereafter be lawfully imposed upon the Project or any part thereof when the same shall become due. The Authority will duly observe and conform with all valid regulations and requirements of any governmental authority relative to the operation of the Project or any part thereof, but the Authority shall not be required to comply with any regulations or requirements so long as the validity or application thereof shall be contested in good faith.

Section 4.13. Amount of Service and Operating Payments.

The Authority will, at all times during the term of this Operating Agreement, fix, prescribe and collect the Service Payments and Operating Payments in connection with use of the Project so as to yield sufficient amounts, after making reasonable allowances for contingencies and errors in the estimates, to pay the Debt Service and Operating Costs due in the applicable Fiscal Year. The Authority shall provide a written statement to the Counties and the Trustee by October 1 of each year to the effect that it has on deposit, or reasonably expects to

have on deposit when needed, sufficient funds to pay the Debt Service and Operating Costs as they come due in the current Fiscal Year.

Section 4.14. Operation of Project.

The Authority will, so long as the Bonds are outstanding, continue to operate the Project. The Authority will use its best efforts to employ, or cause to be employed, sufficient staff to maintain and operate the Project. User hereby covenants to purchase any replacement or additional components to be used in conjunction with the service provided by the Project from the Authority, or in conformity with such specifications as the Authority may, from time to time, prescribe. User will not use the service provided by the Project with any equipment which is not authorized by the Authority. User hereby covenants not to use the Project in any manner which may adversely affect the service provided by the Project.

Section 4.15. Reserved.

Section 4.16. Further Assurances.

The Authority and the User will each adopt, deliver, execute and make any and all further assurances, instruments and resolutions as may be reasonably necessary or proper to carry out the intention or to facilitate the performance hereof of the respective parties to this Operating Agreement.

Section 4.17. Eminent Domain Proceeds.

If all or any part of the Project shall be taken by eminent domain proceedings, the Net Proceeds thereof shall be used to prepay or defease the Bonds.

Section 4.18. Use of Eminent Domain.

User hereby covenants and agrees, to the extent it may lawfully do so, that during the term of this Operating Agreement, and so long as any of the Bonds remain Outstanding and unpaid, User will not exercise the power of condemnation with respect to the Project or any component thereof. User further covenants and agrees, to the extent it may lawfully do so, that if for any reason the foregoing covenant is determined to be unenforceable or if User should fail or refuse to abide by such covenant and shall condemn the Project or any component thereof, the appraised value of the Project or such component shall not be less than the greater of (i) if the Bonds are then subject to redemption, the principal and interest due on the Bonds outstanding through the date of their redemption, or (ii) if the Bonds are not then subject to redemption, the amount necessary to defease such Bonds to the first available redemption date in accordance with the Trust Agreement.

Section 4.19. Further Representations, Covenants and Warranties of the Authority.

The Authority represents, covenants and warrants to the Users as follows:

(a) Due Organization and Existence. The Authority is a joint exercise of powers authority duly organized and validly existing under the JPA Agreement and the laws of the State

of California, has full legal right, power and authority under the laws of the State of California to enter into this Operating Agreement and to carry out and consummate all transactions contemplated hereby, and by proper action the Authority has duly authorized the execution and delivery of this Operating Agreement.

(b) Due Execution. The representatives of the Authority executing this Operating Agreement have been fully authorized to execute the same pursuant to a resolution duly adopted by the Board of the Authority.

(c) Valid, Binding and Enforceable Obligations. This Operating Agreement has been duly authorized, executed and delivered by the Authority and constitutes the legal, valid and binding agreement of the Authority enforceable against the Authority in accordance with its terms.

(d) No Conflicts. The execution and delivery of this Operating Agreement, the consummation of the transactions on the part of the Authority herein contemplated and the fulfillment of or compliance by the Authority with the terms and conditions hereof do not and will not conflict with or constitute a violation or breach of or default (with due notice or the passage of time or both) under any applicable law or administrative rule or regulation, or any applicable court or administrative decree or order, or any indenture, mortgage, deed of trust, lease, contract or other agreement or instrument to which the Authority is a party or by which it or its properties are otherwise subject or bound, or result in the creation or imposition of any prohibited lien, charge or encumbrance of any nature whatsoever upon any of the property or assets of the Authority, which conflict, violation, breach, default, lien, charge or encumbrance would have consequences that would materially and adversely affect the consummation of the transactions contemplated by this Operating Agreement or the financial condition, assets, properties or operations of the Authority.

(e) Consents and Approvals. No consent or approval of any trustee or holder of any indebtedness of the Authority, and no consent, permission, authorization, order or license of or filing or registration with any governmental authority is necessary in connection with the execution and delivery of this Operating Agreement, or the consummation of any transaction herein contemplated, except as have been obtained or made and as are in full force and effect.

(f) No Litigation. There is no action, suit, proceeding, inquiry or investigation before or by any court or federal, state, municipal or other governmental authority pending or, to the knowledge of the Authority after reasonable investigation, threatened against or affecting the Authority or the assets, properties or operations of the Authority which, if determined adversely to the Authority or its interests, would have a material and adverse effect upon the consummation of the transactions contemplated by or the validity of this Operating Agreement, or upon the financial condition, assets, properties or operations of the Authority, and the Authority is not in default with respect to any order or decree of any court or any order, regulation or demand of any federal state, municipal or other governmental authority, which default might have consequences that would materially and adversely affect the consummation of the transactions contemplated by this Operating Agreement or the financial conditions, assets, properties or operations of the Authority.

Section 4.20. Representations, Covenants and Warranties of User.

User represents, covenants and warrants to the Authority as follows:

(a) Due Organization and Existence. User is a public body, corporate and politic, duly organized and validly existing under the laws of the State of California, has full legal right, power and authority to enter into this Operating Agreement and to carry out and consummate all transactions contemplated hereby and thereby, and by proper action User has duly authorized the execution and delivery of this Operating Agreement.

(b) Due Execution. The representatives of User executing this Operating Agreement are fully authorized to execute the same pursuant to official action taken by the governing body of the User.

(c) Valid, Binding and Enforceable Obligation. This Operating Agreement has been duly authorized, executed and delivered by User and constitutes the legal, valid and binding agreement of User, enforceable against User in accordance with its terms.

(d) No Conflicts. The execution and delivery of this Operating Agreement, the consummation of the transactions on the part of User herein contemplated and the fulfillment of or compliance by User with the terms and conditions hereof, do not and will not conflict with or constitute a violation or breach of or default (with due notice or the passage of time or both) under any applicable law or administrative rule or regulation, or any applicable court or administrative decree or order, or any indenture, mortgage, deed of trust, lease, contract or other agreement or instrument to which User is a party or by which it or its properties are otherwise subject or bound, or result in the creation or imposition of any prohibited lien, charge or encumbrance of any nature whatsoever upon any of the property or assets of User, which conflict, violation, breach, default, lien, charge or encumbrance would have consequences that would materially and adversely affect the consummation of the transactions on the part of such User contemplated by this Operating Agreement or the financial condition, assets, properties or operations of such User.

(e) Consents and Approvals. No consent or approval of any trustee or holder of any indebtedness of User, and no consent, permission, authorization, order or license of, or filing or registration with, any governmental authority is necessary in connection with the execution and delivery of this Operating Agreement, or the consummation of any transaction herein contemplated, except as have been obtained or made and as are in full force and effect.

(f) No Litigation. There is no action, suit, proceeding, inquiry or investigation before or by any court or federal, state, municipal or other governmental authority pending or, to the knowledge of User after reasonable investigation, threatened against or affecting such User or the assets, properties or operations of such User which, if determined adversely to the User or its interests, would have a material and adverse effect upon the consummation of the transactions contemplated by or the validity of this Operating Agreement, or upon the financial condition, assets, properties or operations of the User, and User is not in default with respect to any order or decree of any court or any order, regulation or demand of any federal, state, municipal or other governmental authority, which default might have consequences that would materially and

adversely affect the consummation of the transactions contemplated by this Operating Agreement or the financial conditions, assets, properties or operations of User.

ARTICLE V

EVENTS OF DEFAULT AND REMEDIES

Section 5.01. Events of Default.

Any one or more of the following events shall constitute an Event of Default hereunder:

- (a) Failure by the User to punctually pay its User Payments when and as the same shall become due and payable;
- (b) Failure by User to observe and perform any non-monetary condition or agreement on its part to be observed or performed, for a period of thirty (30) days after receipt of written notice specifying such failure and requesting that it be remedied has been given to User by the Authority or the Trustee; provided, however, that if in the reasonable opinion of User the failure stated in the notice can be corrected, but not within such thirty (30) day period, such failure shall not constitute an Event of Default if User shall commence to cure such failure within such thirty (30) day period and thereafter diligently and in good faith cure such failure in a reasonable period of time;
- (c) User shall file a petition seeking arrangement or reorganization under federal bankruptcy laws or any other applicable law of the United States of America or any state therein, or if a court of competent jurisdiction shall approve a petition filed with the consent of a User seeking arrangement or reorganization under the federal bankruptcy laws or any other applicable law of the United States of America or any state therein, or if under the provisions of any other law for the relief or aid of debtors any court of competent jurisdiction shall assume custody or control of such User or of the whole or any substantial part of its property. However, such filing shall not constitute a default so long as User continues to pay its User Payments punctually.

Section 5.02. Remedies of the Authority.

Whenever any Event of Default occurs and is continuing, it shall be lawful for the Authority to, and the Authority shall, at the written direction of any Bondholder, exercise against the User any and all remedies available pursuant to law or granted pursuant to this Operating Agreement; provided, however, that notwithstanding anything herein or in the Trust Agreement to the contrary, there shall be no right under any circumstances to accelerate the User Payments or otherwise declare any User Payment not then in default to be immediately due and payable. Each and every covenant hereof to be kept and performed by the User is expressly made a condition and upon the breach thereof the Authority may exercise any and all rights granted hereunder; provided, that no termination of this Operating Agreement shall be effected either by operation of law or acts of the parties hereto, except only in the manner herein expressly provided. Upon the occurrence and during the continuance of any Event of Default, the Authority shall have and is granted each and every one of the following remedies, subject in all respects to the limitations set forth in Section 5.04.

(a) Enforcement of Payments Without Termination. In the event the Authority does not elect to terminate this Operating Agreement with respect to a User in the manner hereinafter provided for in subparagraph (b) hereof, the User agrees to and shall remain liable for the payment of its User Payment and the performance of all conditions herein contained and shall reimburse the Authority for the full amount of its User Payments to the end of this Operating Agreement; provided that its User Payments shall be payable only at the same time and in the same manner as hereinabove provided for such User Payment, notwithstanding any suit brought by the Authority for the purpose of obtaining possession of the Project or any component thereof or the exercise of any other remedy by the Authority. Notwithstanding the provisions of the JPA Agreement, User agrees that this Operating Agreement constitutes full and sufficient notice of the right of the Authority to re-allocate service provided by the Project in the event of default by the User without effecting a surrender of this Operating Agreement, and further agrees that no acts of the Authority in effecting such re-allocation shall constitute a surrender or termination of this Operating Agreement irrespective of the term for which such re-allocation is made or the terms and conditions of such re-allocation, or otherwise, but that, on the contrary, in the event of such default by the User the right to terminate this Operating Agreement with respect to such User shall vest in the Authority to be effected in the sole and exclusive manner hereinafter provided for in subparagraph (b) hereof. Any User which is in default hereunder agrees to surrender and quit possession of the Project or any component thereof upon demand of the Authority.

(b) Termination of the Operating Agreement. Notwithstanding any provision of the JPA Agreement to the contrary, upon the User's default the Authority may, at its option, and shall, at the written direction of either Bondholder, terminate this Operating Agreement and reallocate all or any portion of the User's service capacity of the Project; provided, that the Authority shall not terminate this Operating Agreement with respect to a User unless such termination will not materially adversely affect either Bondholder. In the event of such termination of this Operating Agreement by the Authority at its option and in the manner hereinafter provided on account of default by the User (and notwithstanding any re-allocation of the service capacity of the Project by the Authority in any manner whatsoever), the defaulting User nevertheless agrees to pay to the Authority the difference between all costs, loss or damages howsoever arising or occurring payable at the same time and in the same manner as is herein provided in the case of the User Payment and any amounts realized from the reallocation of such service capacity. Neither notice to pay the User Payment or notice to deliver up possession of any component of the Project given pursuant to law shall of itself operate to terminate this Operating Agreement, and no termination of this Operating Agreement on account of default by the User shall be or become effective by operation of law, or otherwise, unless and until the Authority shall have given written notice to such User of the election on the part of the Authority to terminate this Operating Agreement with regards to such User. User covenants and agrees that no surrender of the Project, or any component thereof, or any termination of this Operating Agreement shall be valid in any manner or for any purpose whatsoever unless stated and accepted by the Authority by such written notice. User hereby exempts and agrees to save harmless the Authority from any costs, loss or damage whatsoever arising or occasioned in accordance with the provisions herein contained.

(c) Proceedings at Law or In Equity. The Authority may, and shall at the written direction of either Bondholder:

(i) by mandamus or other action or proceeding or suit at law or in equity, enforce its rights against a User, or any board member, officer or employee thereof, and compel the User or any such board member, officer or employee to perform and carry out its or his duties under applicable law and the agreements and covenants contained herein required to be performed by it or him;

(ii) by suit in equity enjoin any acts or things which are unlawful or violate the rights of the Authority; or

(iii) by suit in equity upon the happening of an Event of Default require the User and its board members, officers and employees to account as the trustee of an express trust.

Section 5.03. Non-Waiver.

A waiver of any default or breach of duty or contract by the Authority (which waiver shall be subject to the prior written consent of the Bond Holders) shall not affect any subsequent default or breach of duty or contract or impair any rights or remedies on any such subsequent default or breach of duty or contract. No delay or omission by the Authority to exercise any right or remedy accruing upon any default or breach of duty or contract shall impair any such right or remedy or shall be construed to be a waiver of any such default or breach of duty or contract or an acquiescence therein, and every right or remedy conferred upon the Authority by applicable law or by this Article V may be enforced and exercised from time to time and as often as shall be deemed expedient by the Authority.

If any action, proceeding or suit to enforce any right or exercise any remedy is abandoned or determined adversely to the Authority, the Authority and the Users shall be restored to their former positions, rights and remedies as if such action, proceeding or suit had not been brought or taken.

Section 5.04. Remedies Not Exclusive.

No remedy herein conferred upon or reserved in this Agreement is intended to be exclusive of any other remedy, and each such remedy shall be cumulative and shall be in addition to every other remedy given hereunder or now or hereafter existing in law or in equity or by statute or otherwise and may be exercised without exhausting and without regard to any other remedy conferred by any other law.

Section 5.05. Agreement to Pay Attorneys' Fees and Expenses.

In the event any party to this Operating Agreement should default under any of the provisions hereof and the nondefaulting parties should employ attorneys or incur other expenses for the collection of moneys or the enforcement or performance or observance of any obligation or agreement on the part of the defaulting party herein contained, the defaulting party, upon successful completion of such proceedings by the nondefaulting party, agrees that it will on demand therefor pay to the nondefaulting party the reasonable fees of and subject to any provision in the JPA Agreement regarding indemnification or payment of attorney fees, such attorney fees and such other expenses so incurred by the nondefaulting party.

Section 5.06. Trustee and Bond Owners to Exercise Rights.

Such rights and remedies as are given to the Authority under this Article V have been pledged by the Authority to the Trustee for the benefit of the Bond Owners, to which pledge User hereby consents. Such rights and remedies shall be exercised by the Authority, the Trustee and the Bond Owners as provided in the Trust Agreement.

ARTICLE VI

MISCELLANEOUS

Section 6.01. Prepayment.

The User may prepay its Service Payments by a deposit with the Trustee, as escrow holder under an escrow deposit and trust agreement as referenced in and in conformance with the Trust Agreement, of either (i) cash in an amount which is sufficient to pay all unpaid Service Payments in accordance with the schedule set forth in the Trust Agreement, or (ii) non-callable Federal Securities or pre-refunded non-callable municipal obligations rated "AAA" and "Aaa" by S&P and Moody's, respectively, or (iii) any other investment approved in writing by the Trustee, together with cash if required, in such amount as will, in the opinion of an independent certified public accountant, together with interest to accrue thereon, be fully sufficient to pay all unpaid Service Payments pursuant to the Trust Agreement on their payment dates so that a pro-rata share of the Bonds shall be defeased as provided for in the Trust Agreement.

Notwithstanding the JPA Agreement or any other provision of this Operating Agreement, including without limitation Sections 4.07 and 5.01 hereof, in the event of a deposit pursuant to this Section 6.01, all obligations of the User under this Operating Agreement shall cease and terminate, excepting only the obligation of the User to pay the Operating Payments, to the extent the User is still using the service provided by the Project. The prepaid Service Payments are deemed to be and shall constitute a special fund for the payment of Service Payments in accordance with the provisions of this Operating Agreement.

The Authority shall consent to such prepayment or defeasance to the extent the same complies with the tax covenants of the Authority and the Counties.

Section 6.02. Benefits of Operating Agreement Limited to Parties.

Except as provided in Section 6.03, nothing contained herein, express or implied, is intended to give to any person other than the Authority and the User any right, remedy or claim under or pursuant hereto, and any agreement or covenant required herein to be performed by or on behalf of the Authority or the User shall be for the sole and exclusive benefit of the other party.

Section 6.03. Successor Is Deemed Included In All References to Predecessor.

Whenever the Authority or the User is named or referred to herein, such reference shall be deemed to include the successor to the powers, duties and functions that are presently vested in the Authority or the User, and all agreements and covenants required hereby to be performed

by or on behalf of the Authority or the User shall bind and inure to the benefit of the respective successors thereof whether so expressed or not; provided, however, that the Authority shall not provide service from the Project to any successor to a User until such successor accepts in writing the obligations hereunder of the predecessor User.

Section 6.04. Waiver of Personal Liability.

No board member, officer or employee of User shall be individually or personally liable for the User Payment, but nothing contained herein shall relieve any board member, officer or employee of User from the performance of any official duty provided by any applicable provisions of law or hereby.

Section 6.05. Article and Section Headings, Gender and References.

The headings or titles of the several articles and sections hereof and the table of contents appended hereto shall be solely for convenience of reference and shall not affect the meaning, construction or effect hereof, and words of any gender shall be deemed and construed to include all genders. All references herein to "Articles," "Sections" and other subdivisions or clauses are to the corresponding articles, sections, subdivisions or clauses hereof; and the words "hereby," "herein," "hereof," "hereto," "herewith," "hereunder" and other words of similar import refer to this Operating Agreement as a whole and not to any particular article, section, subdivision or clause hereof.

Section 6.06. Partial Invalidity.

If any one or more of the agreements or covenants or portions thereof contained herein required to be performed by or on the part of the Authority or the User shall be contrary to the law, then such agreement or agreements, such covenant or covenants or such portions thereof shall be null and void and shall be deemed separable from the remaining agreements and covenants or portions thereof and shall in no way affect the validity hereof. The Authority and User hereby declare that they would have executed this Operating Agreement, and each and every other article, section, paragraph, subdivision, sentence, clause and phrase hereof irrespective of the fact that any one or more articles, sections, paragraphs, subdivisions, sentences, clauses or phrases hereof or the application thereof to any person or circumstance may be held to be unconstitutional, unenforceable or invalid.

Section 6.07. Assignment.

This Operating Agreement and any rights hereunder may not be assigned by either Party without obtaining the prior written consent of the other Party. Section 6.08. Net Contract.

This Operating Agreement shall be deemed and construed to be a "net-net-net obligation" and User hereby agrees that the User Payments shall annually be an absolute net return to the Authority, free and clear of any expenses, charges or set-offs whatsoever.

Section 6.09. California Law.

This Operating Agreement shall be construed and governed in accordance with the laws of the State of California.

Section 6.10. Notices.

Any notice, request, complaint, demand or other communication under this Operating Agreement shall be given by first class mail or personal delivery to the party entitled thereto at its address as set forth below, or by facsimile transmission or other form of telecommunication, at its number set forth below. Notice shall be effective either (a) upon transmission by facsimile transmission or other form of telecommunication, (b) forty-eight (48) hours after deposit in the United States of America first class mail, postage prepaid, or (c) in the case of personal delivery to any person, upon actual receipt. User, the Authority or the Trustee may, by written notice to the other parties, from time to time modify the address or number to which communications are to be given hereunder.

Authority: East Bay Regional Communications System Authority
Alameda County Office of Homeland Security and Emergency
Services
4985 Broder Boulevard
Dublin California 94568
Facsimile: (925)
Attention: William J. McCammon, Executive Director

User: [Name, Address and Facsimile Number

Attention: [City Manager and/or Finance Department and/or User
Department]

Trustee: [Name, Address and Facsimile Number]

Section 6.11. Effective Date.

This Operating Agreement shall become effective upon its execution and delivery, and shall terminate as set forth in Section 2.04 hereof.

Section 6.12. Execution in Counterparts.

This Operating Agreement may be executed in several counterparts, each of which shall be deemed an original, and all of which shall constitute but one and the same instrument.

Section 6.13. Amendments.

The User and the Authority may at any time amend or modify any of the provisions of this Operating Agreement, but only with the prior written consent of the Bond Owners of a majority in aggregate principal amount of the outstanding Bonds.

No such amendment shall adversely affect the rights, obligations, immunities or indemnities of the Trustee hereunder without the Trustee's written consent. The Authority shall

obtain and cause to be filed with the Trustee an opinion of Bond Counsel with respect to any amendment or modification hereof, stating that all conditions precedent to such amendment have been satisfied. Promptly following the effective date of any amendment or modification pursuant to this Section, the Authority shall mail written notice thereof to each rating agency which then maintains a rating on the Bonds.

Section 6.14. Business Days.

Any act or thing required to be done or exist on any date set forth herein which does not constitute a Business Day in any year shall be deemed to be done or to exist on such date if such act or thing is done or exists on the next date which constitutes a Business Day.

IN WITNESS WHEREOF, the Authority and the undersigned User has entered into this Operating Agreement effective on the date first written above.

[Signature Pages to Follow.]

AUTHORITY:

East Bay Regional Communications System Authority

By: _____
[Name and Title]

APPROVED AS TO FORM:

By: _____
[Name and Title]

USER:

[Name of Entity]

By: _____
[Name and Title]

ATTEST:

By: _____
[Name and Title]

APPROVED AS TO FORM:

By: _____
[Name and Title]

EXHIBIT A

SERVICE AND OPERATING PAYMENT AMOUNTS

AS OF FISCAL YEAR 2013-2014

The amount of User's Operating Payments will be calculated and made each year based on the total number of radios that Subscribers have committed to place in service in the Project, once the User has paid the upfront cost of \$200 per radio. There are two types of payment categories:

Payment Category #1 – If the User prepays its Service Payment it will only be responsible for its Operating Payments. The amount to prepay the Service Payment is estimated to be \$1,545 per radio placed in service. The Operating Payment for a User that has prepaid its Service Payment is estimated to be \$30 per month per radio subscribed to the Project. The Authority will notify the User of the amount of the Operating Payment in January of the fiscal year preceding the fiscal year for such payment. Operating Payments will be due by August 31st of the fiscal year in which such payment is due.

Payment Category #2 – If the User does not prepay its Service Payment, it will be responsible for both the Service Payment and Operating Payment components of the User Payment. Such User will pay a combined User Payment that includes the Service Payment and Operating Payment components, with an estimated combined payment of \$45 per month for each radio it subscribes to the Project. The Authority will notify the User of the amount of the required User Payment in January of the fiscal year preceding the fiscal year for such payment. The User Payment will be due by August 31st of the fiscal year in which such payment is due.

The estimated payments reflected in this Exhibit A are based on Project costs of \$17,000,000 and a total number of 11,000 radios committed to service on the Project. In the event that prior to January 1, 2013, the total number of radios committed to service on the Project increases or decreases, or the Project cost decreases, the User will receive a credit or a rate adjustment, as applicable.

User: _____

Amount of Prepayment of Service Payments (if applicable):

Date of Prepayment of Service Payments (if applicable):

Amount of Initial Payment (if applicable): _____

Date of Payment of Initial Payment (if applicable): _____

Radio count: _____

EXHIBIT B

PROJECT DESCRIPTION

The East Bay Regional Communications System (EBRCS) is a P-25 compliant digital communications system manufactured by Motorola providing interoperability for emergency responders and others on the system in Alameda and Contra Costa counties. The system is a Motorola Astro 25 SmartZone Project 25 700/800 MHz. system. The system consists of 36 repeater sites divided into 6 simulcast cells.

Cell	Repeater Sites	Channels	Standalones	Channels
ALCO Northwest	4	16	1	4
ALCO Southwest	7	12	1	5
ALCO East	4	10	1	4
CCCO West	4	10	1	5
CCCO Central	8	10		
CCCO East	3	7	2	3-4

The EBRCS system specifications were developed by AECOM of Lynchburg Virginia. The system Master site controller is located at the Alameda County Office of Emergency Services and Homeland Security in Dublin. All of the repeater sites are connected back to the Master Site through a looped digital microwave system. Each cell will have a prime site that will house additional equipment to coordinate signal timing between itself and the other repeater sites within the cell. Each repeater site is equipped with an emergency generator and a minimum of 2 hours of batter backup power, and meets Motorola's R56 standards for grounding. The sites are owned by multiple agencies within Alameda and Contra Costa counties, with the majority of the sites owned by the two counties. The EBRCS Authority has entered into, or is in the process of entering into licensing agreements for use of the non county-owned sites. Each public safety dispatch center has connectivity to the system through microwave. The EBRCS Authority will provide dispatch consoles and/or console upgrades for each center. Currently there are 110 planned replacements and 39 upgrades to existing facilities.

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OFFICE OF THE CITY CLERK
OAKLAND

2014 NOV -6 AM 10:45

AGENDA REPORT

TO: HENRY L. GARDNER
INTERIM CITY ADMINISTRATOR

FROM: Arturo Sanchez

SUBJECT: East Bay Regional Communications
Systems (EBRCSA) Status Report
Supplemental

DATE: November 5, 2014

COUNCIL DISTRICT: City-Wide

RECOMMENDATION

Staff recommends that the City Council receive and file this supplemental report on outstanding issues pertaining to the City's transition to the East Bay Regional Communication System Authority (EBRCSA).

REASON FOR SUPPLEMENTAL

This supplemental report includes additional information that was made available after the release of the original report

SUMMARY

Governing Board Seat

On October 15, 2014, the City Administrator attended a meeting of the Alameda County City Manager's Association (Association) where the allocation of one (1) of the Association's EBRCSA governing board seats to the City was discussed. At the meeting, certain Association members expressed that the seat would represent the interests of Alameda County as a whole and not have an independent vote. While the Memorandum of Understanding approved by the Association does not reference these stipulations, there should be a clear understanding that any governing board seats allocated to the City have an independent vote.

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Finance and Management Committee
November 12, 2014

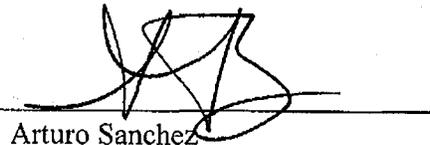
EBRCSA Executive Director

Tom McCarthy, Dublin Police Chief and currently serves on the EBRCSA Technical Advisory Committee, has been appointed as Interim EBRCSA Director as the search for a permanent Director begins. Mr. McCarthy worked closely with William J. McCammon during the creation of the EBRCSA network and has been with the Alameda County Sheriff's Department for over 30 years.

Staff has been in communication with Mr. McCarthy through this transition.

For questions regarding this report, please contact Arturo M. Sanchez, Interim Assistant City Administrator, at (510) 238-7542.

Respectfully submitted,



Arturo Sanchez
Interim Assistant City Administrator
City Administrator

Prepared By
Michael K. Kek, Assistant to the City Administrator
City Administrator's Office



AGENDA REPORT

TO: JOHN A. FLORES
INTERIM CITY ADMINISTRATOR

FROM: Donna Hom

SUBJECT: Replacement of Portable Radios
Status Report

DATE: March 28, 2015

COUNCIL DISTRICT: City-Wide

RECOMMENDATION

Staff recommends that the City Council receive and file this informational report on the City's replacement of portable radios. Deployment of portable radios is anticipated to begin in August 2015 for the Police Department, October 2015 for the Fire Department, and November 2015 for the Public Works Department.

OUTCOME

This is an informational report with no direct fiscal impact or outcome.

BACKGROUND/LEGISLATIVE HISTORY

On January 21, 2014, RCC Consultants, Inc. (RCC) presented a report comparing the City's radio network to the East Bay Regional Communication Systems Authority's (EBRCSA) regional radio network. After a thorough assessment, RCC concluded that the two radio networks were comparable, but that the "portable radios for public safety personnel should be replaced as soon as possible" regardless of if the City decided to transition to EBRCSA or not.

In response, the City Council on July 15, 2014 approved Resolution No. 85096 C.M.S. (Legistar File #: 13-0650), which appropriated \$8,475,600 for the purchase of replacement portable radios and related professional services. Resolution No. 85113 C.M.S., also approved on July 15, 2014, further authorized the replacement of Public Works portable and mobile radios. Funding for these projects is derived from financing approved by City Council on February 18, 2014 (Resolution No. 85096).

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On February 24, 2015, the Finance and Management Committee requested a status report on the EBRCSA transition and the replacement of the City's portable radios. **While the transition to EBRCSA and the replacement of the City's portable radios are interconnected, they are independent initiatives with separate timelines and deliverables.**

ANALYSIS

The replacement of the City's portables radios is a priority. While several major hurdles have been overcome since the project's inception (selection of manufacturer, execution of purchase agreement, anticipated delivery, etc.), the project is currently in the pre-deployment phase, one of the most critical phases of the project. Extensive planning has been conducted to map out the pre-development phase and a number of technical matters, many of which are beyond the City's control, have the potential to delay deployment. This is a complicated project with a number of mutually dependent processes. Also outstanding is the interoperability of the Motorola radios in the Bay Area Rapid Transit (BART) tunnel radio system, another critical component of this project.

Portable Radio Selection

Based on independent tests, a survey of other public safety organizations in the Bay Area, and user feedback from both the Police and Fire Departments; portable radios manufactured by Motorola Solutions, Inc. (Motorola) were selected as the most suitable for the City's radio needs. Motorola portable radios are also compatible with the current Oakland P25 (Project 25 radio standard) network and the EBRCSA P25 radio network, which will minimize additional EBRCSA integration costs since the vast majority of member agencies utilize Motorola radios.

Operational and management staff from the Fire Department, Police Department, Public Works, and Informational Technology Department (ITD) participated in a series of independent hands-on workshops to evaluate various Motorola portable radio models and accessories based on their operational needs. During these workshops, staff met extensively with Motorola to review radio specifications, identify potential deficiencies, and compare/contrast features. City staff was also provided with Motorola portable radio test units to conduct field tests and Motorola technical staff was made available to address additional questions/concerns. The new model of Motorola APX portable radios were selected due to reliability, usability, better noise cancellation, high-performance, and interoperability with both the Oakland and EBRCSA P25 radio networks.

In order to facilitate the sharing of information and cross collaboration, a task-force was formed consisting of staff from ITD, Fire Department, Police Department, Public Works, and City Administrator's Office (CAO). The task-force, led by the CAO and ITD, meets regularly and has been an instrumental component of the portable radio replacement project.

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Motorola Purchase Agreement

After several months of negotiations, the City executed a purchase agreement on March 3, 2015 with Motorola for the purchase of 1,631 portable radios (see **Table 1**), thousands of accessories (carrying cases, ear pieces, battery chargers, batteries, etc.), training, and related technical services. The total contract price of \$8.16 million also includes the purchase of a four-year comprehensive warranty at a reduced negotiated price (savings of over \$300,000).

Table 1: Portable Radios by Department

Department (Model)	# of Portables Radios
Police (APX6000)	1061
Fire (APX7000XE)	287
Public Works (APX6000)	200
ITD- Spares (Various)	83
Total	1,631

Each portable radio comes with a standard one-year warranty that covers defects. With the inclusion of the purchase of the four-year comprehensive warranty, the total warranty coverage term for each radio is five-years. The comprehensive warranty covers the following:

- Chemical/Liquid and Physical Damage;
- Three-Day Repair Turnaround Time (compared to the five-day for the Lite Warranty)
- Normal Wear and Tear;
- Technical Support;
- Repair and or replacement of cracked housings, frames, covers, crushed components, shields, missing components, circuit boards, warped circuit boards;
- Damage to LCD screens; and,
- Electrical damage.

The purchase agreement includes over \$2.3 million in negotiated special discounts/incentives and allows for the purchase of additional equipment at this discounted pricing. The \$8.16 million Motorola purchase is being funded from a \$9.15 million debt issuance (Resolution No. 85096). The initial debt service payment for this issuance will not be due until FY 2015-16 and sufficient funding has been included in the Fiscal Year 2015-17 baseline budget for the initial and on-going debt service payments.

Deployment

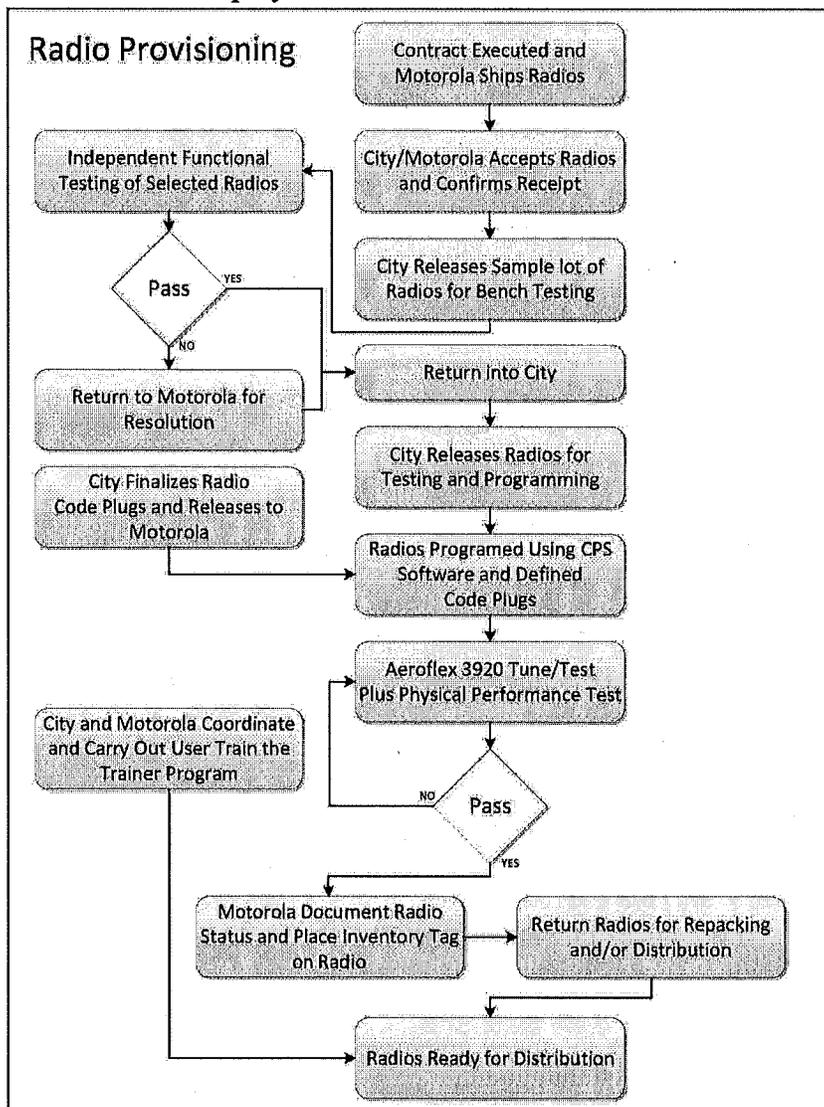
The portable radios and accessories are anticipated to be delivered by Monday, April 6, 2015. Kick-off meetings have been conducted with staff from ITD, Police Department, Fire

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Department, and Public Works to review timelines and key deliverables. Once the portable radios arrive, a number of steps need to be completed by both Motorola and the City to prepare the radios for deployment. These steps include, but are not limited to: the completion of an inventory audit (City), a preliminary batch test of radios (City), the development of code plugs (radio program/profile) for each department (Motorola), training of users/technical staff (Motorola/City), and additional radio testing (City/Motorola).

This pre-deployment phase is anticipated to be completed by August 2015 and is further detailed in the Portable Radio Deployment Process Flow chart below (*Chart 1*). These steps are imperative to ensuring that the portable radios are fully functional once they have been deployed.

Chart 1: Portable Radio Deployment Process Flow



Motorola's successful development of the radio code plugs will be a substantial initial hurdle. The code plugs contain the operating frequencies, tone selections, timeout values, system IDs, etc. A code plug needs to be developed and tested for each department in order for the portable radios to function properly on the City's radio network and to ensure specific operational profiles for each department. The code plugs are anticipated to be completed by May 2015. After development of the code plugs, each portable radio will need to be programmed.

Staff and Motorola have jointly developed a high level schedule (*Chart 2*), which contractually defines deliverables and services to be performed by Motorola (blue) and the City (green). However, the actual working schedule is being defined as we move forward and the City is maintaining a "check" schedule to track Motorola's adherence to the plan. The deployment of portable radios is anticipated to begin with the Police Department in August 2015, the Fire Department in October 2015, and then Public Works in November 2015 (dates subject to change). To streamline the deployment process, staff will be creating "radio kits" that will include everything a radio user needs to operate their new portable radio.

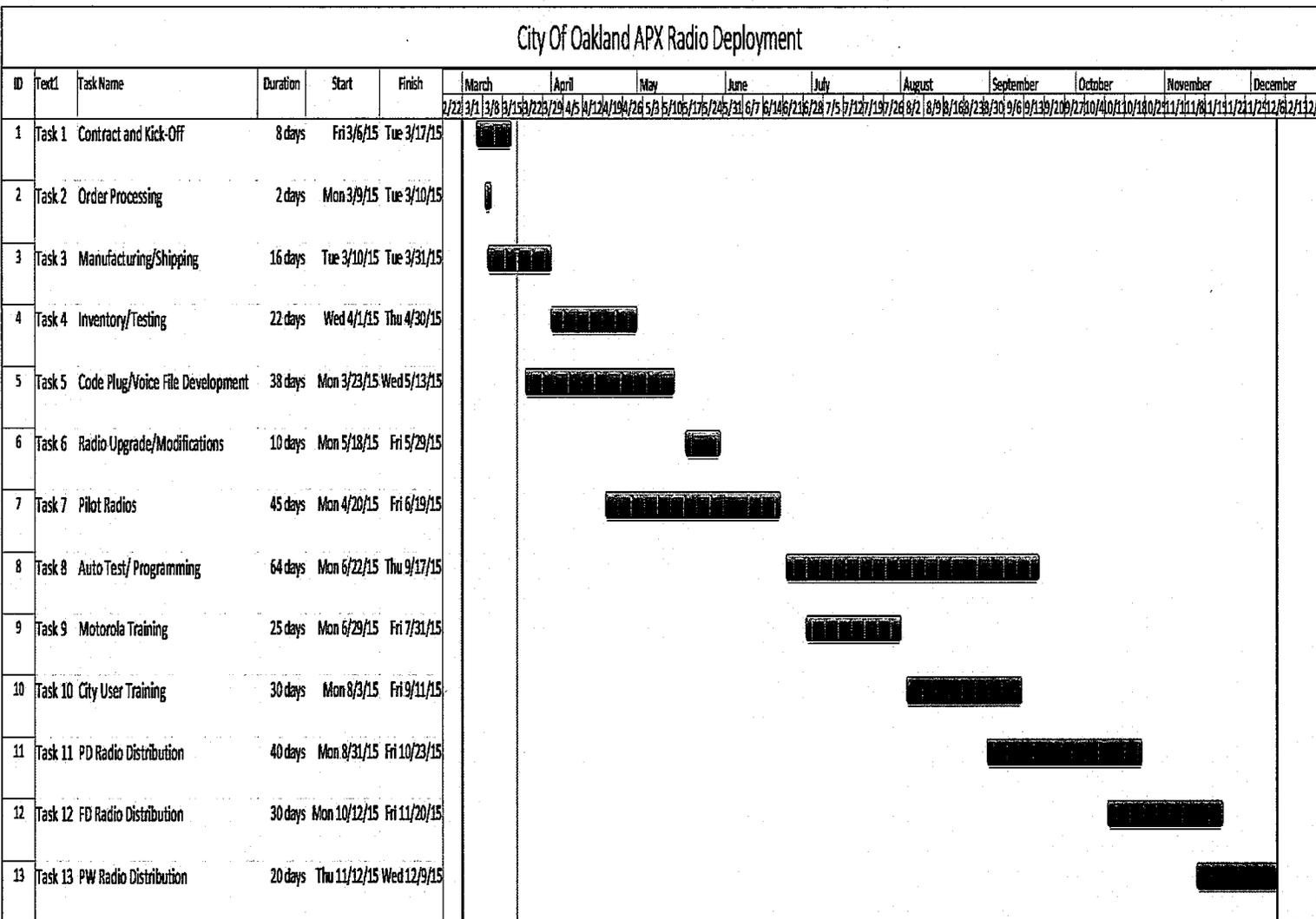
BART Interoperability

Yet to be fully resolved is the interoperability of the Motorola portable radios in the BART tunnel radio system. The City's current Harris portable radios allow first responders to communicate with one another and to dispatch from within the BART tunnels using an older radio standard. The BART tunnel radio system currently does not fully support the P25 radio network standard and technicians from the City, Motorola, BART, and Harris have been working for several months to fully resolve this issue. This is a major priority for the City. All City portable radios will be programmed to work in the BART tunnels.

Technical and Project Management

Due to the complex nature of the portable radio deployment, the City has contracted with RCC who will be providing technical and project management services. RCC has been involved in a number of radio deployment projects and has extensive knowledge of the City's current radio network. It should be noted that RCC will also be assisting with the City's transition to EBRCSA.

Chart 2: Project Portable Radio Deployment



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PUBLIC OUTREACH/INTEREST

No public outreach is required for this report further than the publication on the City's website.

COORDINATION

Information contained in this report has been coordinated with the Information Technology Department, Police Department, Fire Department, Public Works, and RCC staff.

COST SUMMARY/IMPLICATIONS

This is an informational report and no fiscal action is proposed.

SUSTAINABLE OPPORTUNITIES

Economic: There are no economic development opportunities related to this report at this time.

Environmental: There are no economic development opportunities related to this report at this time.

Social Equity: There are no economic development opportunities related to this report at this time.

For questions regarding this report, please contact Michael K. Kek, Assistant to the City Administrator, at (510) 238-4906 or Ahsan Baig, Information Systems Manager, at (510) 238-3010.

Respectfully submitted,



Donna Hom
Interim Assistant City Administrator

Prepared by:
Michael K. Kek
Assistant to the City Administrator
City Administrator

Ahsan Baig
Information Systems Manager
Information Technology Department

Tom Gray
Project Manager
RCC Consultants, Inc.

Reviewed by:
David Downing
Deputy Chief
Police Department

Teresa Deloach Reed
Fire Chief
Fire Department

Jason Mitchell
Assistant Director
Public Works Department

Attachments: None.

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