

FORM APPROVED COUNTY COUNSEL
 BY: ANITA G. WILSON
 DATE: 6-10-15

**SUBMITTAL TO THE BOARD OF SUPERVISORS
 COUNTY OF RIVERSIDE, STATE OF CALIFORNIA**

277



FROM: Riverside County Information Technology

SUBMITTAL DATE:
 June 5, 2015

SUBJECT: Public Safety Enterprise Communication (PSEC) Use Agreement with the City of Murrieta (\$0, 3rd District).

RECOMMENDED MOTION: That the Board of Supervisors:

1. Approve and authorize the Chairman to execute the attached four-year Use Agreement with the City of Murrieta;
2. Authorize the Chief Information Officer to sign system operational-related amendments that do not alter the rates being charged and do not make significant changes to the Use Agreement, as approved by County Counsel.

BACKGROUND:

Summary

In 2005, as a result of large communication gaps in the former public safety radio system and the inability of that system to meet the safety requirements of Sheriff's Deputies in the field, the Board of Supervisors

Departmental Concurrence

Raymond Gregory
 Raymond Gregory
 Assistant Sheriff
 Chairman, PSEC Steering Committee

Steve Reneker
 Steve Reneker
 Chief Information Officer

FINANCIAL DATA	Current Fiscal Year:	Next Fiscal Year:	Total Cost:	Ongoing Cost:	POLICY/CONSENT (per Exec. Office)
COST	\$ N/A	\$ N/A	\$ N/A	\$ N/A	Consent <input type="checkbox"/> Policy <input checked="" type="checkbox"/>
NET COUNTY COST	\$	\$	\$	\$	

SOURCE OF FUNDS:

Budget Adjustment:
 For Fiscal Year: FY 14/15-18/19

C.E.O. RECOMMENDATION:

APPROVE

BY: *Jennifer L. Sargent*
 Jennifer L. Sargent

County Executive Office Signature

MINUTES OF THE BOARD OF SUPERVISORS

- A-30
- 4/5 Vote
- Positions Added
- Change Order

Prev. Agn. Ref.: 3.44a

District: 3

Agenda Number:

3-65

**SUBMITTAL TO THE BOARD OF SUPERVISORS, COUNTY OF RIVERSIDE, STATE OF CALIFORNIA
FORM 11: Public Safety Enterprise Communication (PSEC) Use Agreement with the City of
Murrieta [\$0, 3rd District].**

DATE: June 5, 2015

PAGE: 2 of 2

BACKGROUND:

Summary (continued)

established a team of dedicated staff from the Sheriff's Department, County Fire, Riverside County Information Technology and Facilities Management to work through the County process to select a vendor capable of providing a public safety radio system that would meet the County's needs.

Over the subsequent eight years, approximately \$180 million was spent developing the Public Safety Enterprise Communication (PSEC) system, composed of 75 cell tower sites providing 100 percent mutual aid county-wide coverage.

It has been the vision of the Board of Supervisors to bring all the cities in the county on to the PSEC system to achieve full interoperability between cities' and the county's public safety groups. The attached proposed agreement with the City of Murrieta is the first to be brought forward for your approval. This four-year agreement includes a rate holiday for the term of the agreement; however, the City will fund the engineering work required for accessibility to the system. On June 9, 2015, the agreement was reviewed and approved by the PSEC Steering Committee. Prior to expiration, the County anticipates negotiating renewal at the approved and adopted rate.

Impact on Residents and Businesses

The PSEC system provides critical countywide communication among County public safety agencies. The goal is for interoperability among all city and County public safety groups to enable the capability for a coordinated response in the event of a multi-jurisdictional emergency or disaster. Adding city users will facilitate the greatest level of safety and support for the residents of Riverside County.



**PSEC Use Agreement for the
City of Murrieta Police Department**

Effective Date: June 17, 2015

End Date: June 30, 2019

PSEC USE AGREEMENT

This Use Agreement (“Agreement”) shall be effective as of June 17, 2015 by and between the County of Riverside (“COUNTY”) and City of Murrieta Police Department (“AGENCY”). The following terms shall apply:

COUNTY operates, manages and maintains the Public Safety Enterprise Communication System (“PSEC System”) and all equipment used to communicate on the PSEC System. AGENCY’s use of the PSEC System must always be in compliance with the terms of this Agreement and must never hinder the functionality or operation of the PSEC System.

Supervision over the provision of COUNTY services, the standards of performance and other matters incident to the performance of such services, shall remain with the COUNTY.

Authority:

The Riverside County Board of Supervisors retains ultimate legal and financial authority over the PSEC system; however, the Board, through the PSEC Governance Charter, has delegated administrative, operational and financial control to the PSEC Steering Committee. The PSEC Steering Committee provides the managerial structure, financial accountability and develops operational procedures to support participants. Users of the PSEC system will abide by the direction/guidance provided by the PSEC Steering Committee.

Period of Performance:

The initial term of this Agreement shall be for a period of forty-eight (48) months commencing June 17, 2015, and expiring at 12:01 a.m. on July 1, 2019.

AGENCY shall have the option to extend the initial term of this Agreement under modified terms and conditions, for five (5) additional years, by giving COUNTY written notice of its election to extend the Agreement term at least one-hundred eighty (180) days prior to the expiration of the initial term. The parties shall execute an amendment stating the extended term.

Any holding over by AGENCY after termination or expiration of the Agreement, without exercising a written option to extend, shall result in an automatic extension of this Agreement on a month to month basis. For the duration of the month to month extension, AGENCY shall be charged at the applicable adopted rate.

Board Approved Rates:

PSEC System rates are reviewed and approved annually by the County Board of Supervisors, with changes taking effect automatically on July 1 of each year. On July 1 of every year, the rates for PSEC System use and maintenance under this Agreement will automatically adjust based upon these new rates.

COUNTY shall invoice AGENCY each month for services rendered. The payment shall be due and payable in advance on the first day of each calendar month during the term of this Agreement. In the event AGENCY fails to make its monthly payment thirty (30) days after the due date, AGENCY shall pay to COUNTY an additional amount of three hundred dollars (\$300.00) as an administrative charge.

Termination:

Termination by County: COUNTY shall have the right to immediately terminate this Agreement if AGENCY: files for voluntary or involuntary bankruptcy for the adjudication of AGENCY as a debtor; makes a general

assignment, or AGENCY's interest hereunder is assigned involuntarily or by operation of law, for the benefit of creditors; fails or refuses to meet any obligation under this Agreement; does not comply with applicable law. AGENCY shall have thirty (30) days in which to correct, to the satisfaction of COUNTY, AGENCY's breach or default under this Agreement after written notice from COUNTY.

Termination by Agency: This Agreement may be terminated by AGENCY effective only on the specific date of June 30 in any calendar year and with not less than one full year (12 months) written notice to COUNTY prior to the effective date of the termination. This is required because of COUNTY's financial operation of the PSEC System for all users on the strict basis of the COUNTY's fiscal year (July 1 to June 30). As an example: If AGENCY decides to terminate this Agreement on September 15, 2016, then the earliest effective date the Agreement may be terminated is June 30, 2018.

County's Representative:

COUNTY appoints its Chief Information Officer, or designee, as its authorized representative to administer this Agreement.

Notices:

Notices required or given by either party shall be to the following:

<u>COUNTY:</u> County of Riverside RCIT Communications Bureau PSEC 7195 Alessandro Blvd., Suite A Riverside, CA 92506	<u>AGENCY</u> Sean Hadden, Chief of Police City of Murrieta Police Department 2 Town Square Murrieta, CA 92562
---	---

General:

This Agreement contains all of the terms agreed to by COUNTY and AGENCY related to the subject matter of this Agreement. There shall be no oral or other terms agreed to by the parties. No waiver by COUNTY at any time of any of the terms and conditions of this Agreement shall be deemed or construed as a waiver at any time thereafter of the same or of any other terms of the Agreement. This Agreement may be modified only by a written amendment signed by both parties.

COUNTY and AGENCY shall cooperate with each other to reasonably assist in performance of the other party's obligations under this Agreement.

Attachments:

Attachment CHR	Public Safety Enterprise Communication Governance Charter
Attachment SOW	Statement of Work
Attachment SOP	Standard Operating Procedure
Attachment AEF	Additional Equipment Fees
Attachment SSM	Support and Maintenance
Attachment CAL	Call Outs
Attachment CON	Consoles
Attachment SRG	Public Safety Enterprise Communication Services Rate Guide
Attachment LOA	Signed Letter of Authorization
Attachment TGS	Talk Group Structure
Attachment SPV	Special Provisions
Attachment RTM	Radio Template
Attachment APE	Approved Equipment
Attachment DFN	Definitions

AGREED:

CITY OF MURRIETA POLICE DEPARTMENT

By: _____

Name and title: _____

Dated: _____

COUNTY OF RIVERSIDE

By: _____

Name and title: _____

Dated: _____

FORM APPROVED COUNTY COUNSEL
BY: Neal R. Kipnis 6/10/15
NEAL R. KIPNIS DATE

Attachment CHR

GOVERNANCE CHARTER

Public Safety Enterprise Communication System

Governance Charter

Adopted by the PSEC Steering Committee on March 10, 2015

Public Safety Enterprise Communication System

Governance Charter

Table of Contents

1. Purpose and Intent 3

2. Overview 3

3. PSEC Governance 3

4. System Access 4

5. Committee Membership 5

6. Steering Committee Terms, Qualifications 6

7. Meetings 6

8. Quorum 7

9. Voting 7

10. Agency Participation 7

11. Purchasing Compatible Equipment 7

12. Charter Modification 7

13. Financial Reporting 8

14. Conflict of Interest 8

Public Safety Enterprise Communication System

Governance Charter

1. Purpose and Intent. This charter establishes authorities, roles and responsibilities pertaining to the operation and maintenance of the Public Safety Enterprise Communication (PSEC) system. However, nothing in this document is intended to interfere with participating members' activities; each agency retains responsibility for events occurring within their jurisdiction.
2. Overview. Participating public safety and public service agencies shall utilize a trunked radio communication system providing interoperability/coverage throughout Riverside County. In addition, participating agencies may transmit over a digital High Performance Data (HPD) network through a separate, optional Mobile Data System (MDS).

Participating agencies shall have access to mutual aid communication capabilities, including, but not limited to, countywide mutual aid talk-groups.

3. PSEC governance. The Riverside County Board of Supervisors retains ultimate legal and financial authority over the PSEC system; however, the Board has delegated administrative, operational and financial control to a PSEC Steering Committee. A governance organizational chart is included as Exhibit A.

The PSEC Steering Committee provides the managerial structure, financial accountability and develops operational procedures to support participants. The Steering Committee is composed of representatives from participating agencies.

A PSEC Cost and Governance Working Group was appointed by the Steering Committee and is responsible for making recommendations to the Steering Committee on: current/future

Public Safety Enterprise Communication System

Governance Charter

system requirements, resolution of technical/operational issues and budget/rate development. Specific duties of the PSEC Cost and Governance Working Group will be outlined in a separate document.

Riverside County Information Technology (RCIT) manages the day-to-day operation of the PSEC system, in accordance with the Steering Committee's vision. In addition, PSEC staff will participate on the Cost and Governance Working Group and will provide regular updates to the Steering Committee on system progress, challenges and changes required for efficient operation; as well as budgetary/rate issues and strategic guidelines.

4. System access. Priorities for accessing the system shall be as follows:

Priority one - Emergency Identification - Law Enforcement

Emergency Identification is defined as the message received when a law enforcement member calls for immediate assistance by activating an emergency button or switch on the radio.

Priority two - Emergency Identification - all other Public Safety users

Emergency Identification is defined as the message received when a public safety member calls for immediate assistance by activating an emergency button or switch on the radio.

Priority Three - Public Safety

Public Safety includes normal daily radio transmission by law enforcement, fire service, paramedic providers and disaster preparedness personnel using the PSEC system. Also, PSEC

Public Safety Enterprise Communication System

Governance Charter

users whose normal priority is temporarily increased to resolve an unusual occurrence or large scale disaster.

Priority Four - Non-Public Safety: Regular

Non-Public Safety: 'Regular' includes the normal daily radio transmissions of public service agencies using the PSEC system.

Priority Five - Non-Public Safety: Special Event

Non-Public Safety: 'Special Event' includes planned events involving public service agency participants beyond the scope of their normal daily operations.

5. PSEC Steering Committee membership. Steering Committee membership is composed of the following (and will be expanded to accommodate additional system users):

Riverside County Sheriff's Department

Riverside County District Attorney

Riverside County Fire Department

County Representative from the Executive Office

Riverside County Information Technology CIO

At-Large Representative

Public Safety Enterprise Communication System

Governance Charter

6. Steering Committee Terms, Qualifications. PSEC Steering Committee members serve at the pleasure of the appointing authority, which stipulates the term of service. Alternates shall also be appointed to the Steering Committee. Alternate members are encouraged to attend regular meetings, but shall vote only in the absence of the regular member.

For each fiscal year (July 1 through June 30), the Steering Committee shall elect, by a majority vote, a chair and vice-chair from the Committee members and shall appoint a secretary. The secretary need not be a Committee member.

The secretary shall keep minutes of the Steering Committee meetings and shall distribute the minutes as soon as practicable to each Committee member and other parties, upon request.

In the event the chair, vice-chair or secretary resigns from office, the resulting vacancy shall be filled at the subsequent Steering Committee meeting.

7. Meetings. The Steering Committee shall hold regularly scheduled meetings on a quarterly basis. The meeting day, time and location shall be provided with the Committee's agenda. Committee members and alternates are expected to attend all meetings possible, to represent their agencies' interests and to facilitate the Committee's business. Alternates shall be invited to attend Committee meetings in the absence of the regular representatives.

Member or alternate resignation from the Steering Committee shall be submitted in writing to the chair, with a copy to the appointing authority.

Public Safety Enterprise Communication System

Governance Charter

8. Quorum. A quorum of 50 percent plus one is required to conduct Committee business. Committee actions shall be determined by a majority vote when a quorum exists.

9. Voting. Voting shall be conducted in a fair and consistent manner by each member of the Steering Committee. Members of the Steering Committee shall exercise one vote per member on all items before the Committee.

A Committee member or alternate may not designate a proxy vote and must be present to vote.

As noted in section 3, above, the Riverside County Board of Supervisors retains authority to accept or reject recommendations of the Steering Committee.

10. Agency participation. The PSEC system was designed and built with user participation and shall always solicit user input.

User fees charged to participating agencies shall be based on Board Approved Rates.

11. Purchase of Compatible Equipment. Each participating agency shall consent to County specifications, including brand and model, when applicable, for supplemental equipment used in conjunction with the PSEC system.

Participating agencies shall submit specifications for subscriber-related equipment to County PSEC staff to ensure compatibility before purchase.

12. Charter Modification. Recommendations for modifications to this Charter shall be formally discussed and voted on by the PSEC Steering Committee.

Public Safety Enterprise Communication System

Governance Charter

13. Financial Reporting and Independent Financial Audit. The PSEC System operates on a fiscal year running from July 1 through June 30.

Quarterly financial updates shall be provided to the Committee in the month following the close of the quarter and year-end closing financial statements shall be presented to the Steering Committee by the last day of September.

As a County program, PSEC is included in the Comprehensive Annual Financial Report, prepared by the County Auditor-Controller, as well as an independently prepared Single Audit Report (also prepared annually).

The Committee shall receive budget recommendations for the subsequent fiscal year in early November.

The proposed budget for the PSEC system requires approval by the Board of Supervisors.

14. Conflict of Interest. In the unlikely event a Steering Committee member also serves on the Board of Directors or has other financial interest in a proposed PSEC System vendor, that member shall abstain from voting on all matters pertaining to that vendor. Further, the Committee member shall declare their interest prior to the vote.

Board of Supervisors

Possesses legal and financial control over the PSEC system.

PSEC Steering Committee

Responsible for: administrative, operational and financial controls, delegated by the BOS.
Composed of representatives from participating agencies.

Current membership:

- Sheriff's Department * Fire Department
- District Attorney * RCIT
- Executive Office * At-large Member

Cost & Governance Working Group

Appointed by the Steering Committee. Responsible for making recommendations on: current and future system requirements, resolution of technical/operational issues and budget/rate development.

- Current membership:
- Sheriff * Fire * RCIT/PSEC * Executive Office

Attachment SOW

STATEMENT OF WORK

PSEC Use Agreement

Attachment SOW

STATEMENT OF WORK

This statement of work between the AGENCY and COUNTY will describe the duties of each of the parties.

The AGENCY will utilize two T1 circuits to connect the AGENCY console site with the master site(s) for operations of the System located at the COUNTY Alessandro facility. The dual T1 circuits provide optimum availability and disaster recovery.

The COUNTY will install a microwave connection in the AGENCY's equipment room. The COUNTY presently operates and maintains a microwave network throughout the County of Riverside. The COUNTY microwave network operates at 99.9999% availability.

The COUNTY will maintain the microwave connectivity for one or two T1 circuits providing connectivity to the master site. This option requires AGENCY to provide rack space, power, egress/ingress, grounding and antenna support for the equipment required for the microwave connectivity.

The AGENCY is responsible for the cost of equipment and installation up to the microwave demarcation.

Talkgroups

AGENCY will follow the COUNTY's naming convention for talkgroup development. COUNTY will work in conjunction with AGENCY to develop the talkgroup structure for the AGENCY. The COUNTY and AGENCY will jointly design and develop radio personalities for use on the PSEC System. AGENCY will be responsible for all subscriber programming.

AGENCY agrees that all of their equipment conforms to the specifications of the PSEC System and will abide by all programming guidelines set forth. All subscriber equipment on the PSEC System must support system key technology that will allow only authorized persons to program subscriber radios on the System. COUNTY will hold the license for all master system key technologies and will provide child keys to AGENCY for radio programming. All subscriber Logical Identification Numbers (LID) are defined and issued by the COUNTY. LID numbers are strictly confidential and proprietary of the COUNTY and must be surrendered at termination of this Agreement.

Unless otherwise agreed to, the AGENCY is responsible for all maintenance required for dispatch consoles, site equipment, and all subscriber equipment. COUNTY will assist with maintenance when requested the time will be billed at the Board approved rate for each service.

Interoperability

COUNTY will facilitate meetings between agencies to develop interoperability use Agreements. A signed Agreement between agencies is required prior to radio programming. This includes the use of talkgroups, conventional channels, and any other available resources.

Agency Initials _____

Attachment SOP

STANDARD OPERATING PROCEDURE

PSEC Use Agreement

Attachment SOP

STANDARD OPERATING PROCEDURE

PSEC shall provide the following conditions of service:

1. Repair provided during normal business hours at one of the three PSEC radio shops:
 - **7195 Alessandro Blvd., Riverside, CA 92506**
☒ (951) 955-3644
 - **82695 Dr. Carreon Blvd., Indio, CA 92201**
☒ (760) 863-8999
 - **249 N. Spring Street, Blythe, CA 92225**
☒ (760) 921-5087 or (760) 921-5079

Normal business hours are: Mon - Thurs 7:00 a.m. to 4:30 p.m. and Friday 7:00 a.m. to 3:30 p.m. excluding holidays.

Agency Initials _____

Attachment AEF
ADDITIONAL EQUIPMENT FEES

PSEC Use Agreement

Attachment AEF

ADDITIONAL EQUIPMENT FEES

AGENCY to contact COUNTY representative via email to submit a request for additional equipment:

- Marissa Real mreal@rivcoit.org

Setup and installation services are billed at the approved time and material rates in accordance with Attachment SRG. The following installation services are subject to additional fees:

- Engraving radio ID and asset information onto radio, alignment, installation, programming, and testing of radio billed at *Radio Technician Expert Time* rate.
- Additional material used for installation of mobile radios will be billed at cost. Examples: antenna, cable, screws, wire, or other miscellaneous hardware needed.
- Code plug creation if needed, activating radio for use on the System, and activating encryption billed at *Radio Engineering Expert Time* rate.
- Any AGENCY driven changes or modifications will be billed at *Radio Technician and/or Radio Engineer Expert Time* rate depending on change.

Additional equipment purchases and setup fees will be invoiced separately from monthly fees.

Agency Initials _____

Attachment SSM
SUPPORT AND MAINTENANCE

PSEC Use Agreement
Attachment SSM
SUPPORT AND MAINTENANCE

Support

AGENCY will maintain their fleet of subscriber equipment. COUNTY will assist in the creation of templates for each of the radios if requested.

Install Services (not included in this Agreement but are available upon request)

Includes installation of the following standard Motorola radio packages supplied by AGENCY or purchased through PSEC:

- Radio
- Control head (remote mount applications)
- Speaker
- Mobile microphone and clip
- All standard brackets and mounts
- Control cables
- Power cables and fuses
- Ignition sense wiring (if applicable)
- Antenna, coax and connector
- All power leads are terminated with ring lugs that are crimped.
- All ground leads terminated with ring lugs that are crimped.
- Exposed cabling is secured with wire wraps and encased in protective loom.
- Fuse holder clips will be crimped.
- Cables will be routed in existing troughs and channels when possible. If not possible, loom will be used for protection of cables.
- Factory alignment and antenna voltage standing wave ratio will be performed and documented, which will be made available to the AGENCY.
- Antenna connectors may be crimped or soldered.
- If possible, trunk mount radios are mounted on wood for vibration resistance and security.
- Custom installation of other equipment can be negotiated at the time of installation.
- Custom AGENCY equipment
- All non-standard equipment, unless otherwise stated
- Items not listed are not included

Agency Initials _____

Attachment CAL
CALL OUTS

PSEC Use Agreement

**Attachment CAL
CALL OUTS**

AGENCY has 24 hour service for infrastructure related issue.

On-Call service is not provided for single subscriber issues.

If AGENCY has a need for afterhours service that service will be billed at a time and material rate.

Agency Initials _____

Attachment CON
CONSOLES

PSEC Use Agreement

Attachment CON

CONSOLES

1. AGENCY is requesting second level support and maintenance for their consoles and console site equipment. The County will maintain the consoles at the Board approved Rates.
2. AGENCY and COUNTY will coordinate all upgrades of consoles and console site equipment prior to upgrading equipment.
3. All FSBs, SERs and software changes will be coordinated prior to actual action.
4. AGENCY must subscribe to the Motorola SUA II Agreement and software support.

Agency Initials _____

Attachment SRG

**PUBLIC SAFETY ENTERPRISE COMMUNICATIONS
SERVICES RATE GUIDE**

PSEC Use Agreement

Attachment SRG (Page 1 of 2)

PUBLIC SAFETY ENTERPRISE COMMUNICATION SERVICES RATE GUIDE

SERVICE DESCRIPTION	DEFINITION	FY14/15 RATE	FY13/14 RATE	UNIT	BUDGET ACCOUNT	ACCOUNT DESCRIPTION
Data						
4.9 by Modem	Monthly charge per modem.	\$214.78	\$82.12	Per Modem per Month	520260	Computer Line
4.9 Hot Spot	New 4.9 Hot Spot	Actual Cost (Shipping & Material)			520250	Communication Equipment -Install
4.9 Access Point (New Location)	Cost of each new hot spot is unique. Circuit costs are the responsibility of the agency through the remainder of the fiscal year.	Actual cost Including Labor			520260	Computer Line
HPD	High Performance Data - Modem	\$65.56 - \$126.44	\$56.03 - \$108.05	Per Modem per Month	520220	County Radio system
Console						
Consolette	Monthly maintenance charge for consolette	\$32.00 - \$214.34	\$37.96 - \$217.83	Per Device per Month	520220	County Radio system
Radio Console	Console Monthly maintenance charge for dispatch console	\$32.00 - \$214.34	\$37.96 - \$217.83	Per Device per Month	520220	County Radio system
BDA	Monthly Maintenance charge for BDA	\$94.90	\$94.90	Per Month	520220	County Radio system
Subscriber						
Subscriber - portable	Monthly Charges for the based radio unit	\$32.00 - \$214.34	\$37.96 - \$217.83	Per Network per Handheld	520220	County Radio system
Subscriber - repair	Material and shipping cost	Actual Cost (Shipping & Material)			521580	Maint-Radio Elec Equip.
Subscriber - Mobile	Monthly Charges for the based radio unit.	\$32.00 - \$214.34	\$37.96 - \$217.83	Per Network per Mobile	520220	County Radio System
Subscriber - Mobile repairs	Material and Shipping	Actual Cost (Shipping & Material)			521500	Maint-Motor Vehicle
System Conventional	Monthly fee charged to users of a conventional radio system	\$243.68	\$334.03	Per Month	520220	County Radio system
Vehicle						
Vehicle installation	Time and Material	\$60.03	\$60.03	Per Hour	521500	Maint-Motor Vehicle
Vehicle repairs	Material and Shipping	Actual Cost (Shipping & Material)			521500	Maint-Motor Vehicle
Technician						
Radio Technician Expert Time (during business hours)	Hourly shop and field radio repair rate	\$60.03	\$60.03	Per Hour	521580	Maint-Radio Elec Equip.
Radio Technician Expert Time (after business hours)	After hours (overtime) shop and field radio repair rate	\$73.72	\$73.72	Per Hour	521580	Maint-Radio Elec Equip.
Technology Engineering						
Data Engineering Expert Time	Hourly rate to design, implement and/or maintain Data communication networks and infrastructure of Countywide Communication facilities.	\$82.55	\$82.55	Per Hour	524820	Engineering Services
Data Engineering Expert time- Overtime	Weekend or after-hours rate to design, implement and/or maintain Data communication networks and infrastructure of Countywide Communication facilities	\$103.09	\$103.09	Per Hour	524820	Engineering Services
Infrastructure Engineering Expert Time	Hourly rate to design, implement and/or maintain Data communication networks and infrastructure of Countywide Communication facilities.	\$85.66	\$85.66	Per Hour	524820	Engineering Services
Infrastructure Engineering Expert Time - Overtime	Weekend or after-hours rate to design, implement and/or maintain Data communication networks and infrastructure of Countywide Communication facilities	\$103.66	\$103.66	Per Hour	524820	Engineering Services
Radio Engineering Expert Time	Hourly rate to design, implement and/or maintain Radio communication networks and infrastructure of Countywide Communication facilities.	\$84.01	\$84.01	Per Hour	524820	Engineering Services
Part-Time Usage Rate						
(The rate for part time users includes any agency that will use the system during pre-planned exercises, monthly verification testing, and during any County emergency)						
The rate for part time users will be the lowest monthly subscriber rate.						

PSEC Use Agreement

Attachment SRG (Page 2 of 2)

Murrieta Police Department Transition to PSEC Radio System

Function and Activities	Estimated Materials Cost	Estimated Labor Cost	Total Estimated Cost
Radio Engineering	\$0	\$6,720.80	\$6,720.80
Radio Technician	0	2,402.00	2,402.00
Infrastructure Engineering	0	3,426.40	3,426.40
Data Engineering	0	0	0
Subscriber Programming	0	10,081.20	10,081.20
20% Contingency(first five items)	0	4,526.08	4,526.08
Total Estimated Project Cost	\$0	\$27,156.48	\$27,156.48

Agency Initials _____

Attachment LOA

SIGNED LETTER OF AUTHORIZATION



RCIT Cost Estimate

Customer *Murrieta PD*

Customer Contact *Captain Dennis Vrooman*

Project Name *Murrieta Police Department Transition to
PSEC Phase 1*

Site Location *Riverside CA*

RCIT Order Number *N/A*

Customer Project Number *N/A*

RCIT Project Number *IT740060PMUPDMP*

Prepared By *Howard Newton and Chuck Rushing
Radio Engineers
951-500-2355*

Date Prepared *5/07/2015*



Executive Summary

Murrieta Police Department (MPD) is preparing to join the PSEC radio system. Their current radio system is long past its life expectancy and recently officers using the system have experienced difficulty communicating. This has created a greater sense of urgency for MPD to migrate to PSEC. Captain Dennis Vrooman, representing MPD, has requested an expedited transition onto the PSEC System.

The final solution for MPD includes replacing their current Motorola Gold Elite Dispatch Consoles with Motorola MCC 7500 Consoles. They will also replace all of their subscriber equipment with P-25 capable subscribers. The effort required to reach their final solution will continue during the interim Phase 1.

Phase 1 of the project will be an interim solution that will bring MPD on the PSEC system using Consolette radios rather than new Dispatch Consoles provided by Motorola. With phase 1 the number of subscriber radios will be less than their full complement of radios. The exact number will be determined prior to completing phase 1.

Each additional phase will move Murrieta PD closer to being fully on the PSEC system. RCIT is being asked to support MPD in their transition, this LOA is for Phase 1 of that project.

Project Scope

RCIT-Comm. Division will provide engineering support for the transition of MPD to the PSEC radio system as an interim solution.

RCIT engineering services include:

- Attend engineering meetings to support the transition process.
- Assist Murrieta PD in the creation of radio personalities.
- Provide quotes for solutions as required.
- Meet with Murrieta PD to conduct assessment for needs and ultimately what services will be provided to Murrieta along with the total number of talkgroups and system cells.
- Assist in their cutover.

Assumptions:

- Motorola will provide three consolette radios that work with the existing Gold Elite Console to provide PTT, Transmit and Receive Audio on Talkgroups Murrieta 1,2 and 3 for the for interim solution.



RCIT Cost Estimate

- RCIT will program the three console radio provided by Motorola and rack them in Row 2 Rack 6 against the wall of the PD equipment room. RCIT will provide three mag mount antennas for the interim solution and mounting trays.
- RCIT will work with Motorola and Murrieta PD service provider Comserco to facilitate three PSEC trunked talkgroups access to the current Motorola Centracom Elite Console as an interim solution to gain access to the RCIT PSEC Radio System without console priority.
- RCIT to do all radio programming.
- RCIT will install two temporary consolets on the desk inside the dispatch center operating on temporary mag mounts on the console positions for Murrieta PD's choice.
- RCIT will provide a quote for Murrieta PD to order a Microwave Path Study needed to proceed with for the next Phase – The quote amount will be \$14,484.00 and the city will need to order the survey directly from Alcatel.
- RCIT will perform the System Administration needed on the M-Core to define/turn on enable encryption of the new radios purchased by MPD on the PSEC Radio System.
- RCIT will work with Murrieta PD to provide a User Agreement for a Phase Two installation of a five position MCC7500 console and microwave system directly attached to the PSEC radio system M-Core with console priority.
- This LOA does NOT include cost of the quotes for installation of the antenna solutions or any additional phases of the total transition project.
- MPD will need to have a structural analysis completed for the roof and the parapet to insure that structural integrity of each of those can support a eight foot microwave dish and associated mounting equipment at the TIA 222 G minimum requirement.

Murrieta PD Transition to PSEC Radio System

RCIT-Comm. Div. Cost Summary

<u>Function and Activities</u>	<u>Estimated Material Costs</u>	<u>Estimated Labor Costs</u>	<u>Estimated Total Costs</u>
<u>Radio Engineering</u>	-0-	\$6,720.80	\$6,720.80
<u>Radio Technician</u>	-0-	\$2,402	\$2,402
<u>Infrastructure Engineering</u>	-0-	\$3,426.4	\$3,426.4
<u>Data Engineering</u>	-0-	-0-	-0-



RCIT Cost Estimate

<u>Subscriber Programming</u>	<u>-0-</u>	<u>\$10,081.2</u>	<u>\$10,081.2</u>
<u>Contingency 20%</u>	<u>-0-</u>	<u>\$4,526.08</u>	<u>\$4,526.08</u>
<u>Total Estimated Project Cost</u>	<u>-0-</u>	<u>\$27,156.48</u>	<u>\$27,156.48</u>

Validity of Estimate

RCIT hereby affirms that the above pricing and engineering design is based upon current market pricing, Board approved rates, and industry standards. Estimates are valid for 30 days from the date of the proposal.



George Schrock
Acting RCIT Comm Division Manager

6-1-15

Date



Letter of Authorization For Non-County Department

To process your request in an efficient manner, RCIT may issue a purchase order to the required vendor(s) for services provided on your behalf through this agreement. Upon receipt of the vendor's invoice, RCIT will process payment to the vendor and issue an invoice to your department/organization payable upon receipt for the work associated with the **Murrieta PD radio installation**.

Customer Requesting Service: Murrieta PD

Customer Project Number: N/A

RCIT Service Request: Pending signed LOA

RCIT Project Code: IT740060PMUPDMP

The total estimated cost for this project is: \$27,156.48

Customer Accounting String*:

%	Account (6 digits)	Fund (5)	Dept. ID (6 or 10)	Program (5)	Class (5)	Grant (9)	Customer Project Code (10)

**Please do not use an INTERFUND account.*

The prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to commence forthwith with the services as specified in this proposal.

R. Dudley
Authorized Signature

6/9/15
Date

Rich Dudley
Print Name

95-461-6010
Telephone Number

City Manager
Print Title

Attachment TGS
TALK GROUP STRUCTURE

PSEC Use Agreement

Attachment TGS

TALK GROUP STRUCTURE

Talk Group Structure

Murrieta PD will have three talkgroups that will be added to the PSEC system – Murrieta PD 1,2,3. **Talkgroup name may have numbers and letters, but must begin with an alphabetic character. Talkgroup names may not be duplicated. *Work in progress with Engineering. This section will depend on the needs of each City/Agency.**

Countywide talkgroups have been established for interoperability. The Red and Blue talkgroups are available for use for incidents that are going outside the responding AGENCY's normal operational boundaries. The Event talkgroups are available for use within the normal operational boundaries of the AGENCY. These talkgroups are intended for law enforcement and their use will be defined by the Cost and Governance Working Group.

Incident Command Structure (ICS) Zone or Talk Group

Group NAME	Command Channel For County Wide Emergency	Site Profile	Owner	Who has access
ICS Law 1	Law Enforcement.	Countywide	PSEC	All radio users
ICS Law 2	Law Enforcement	Countywide	PSEC	All radio users
ICS Fire 1	Fire	Countywide	PSEC	All radio users
ICS Fire 2	Fire	Countywide	PSEC	All radio users
ICS PubWk 1	Public Works	Countywide	PSEC	All radio users
ICS PubWk 2	Public Works	Countywide	PSEC	All radio users
ICS 1	County Wide Emergency	Countywide	PSEC	All radio users
ICS 2	County Wide Emergency	Countywide	PSEC	All radio users
ICS EMS 1				
ICS EMS 2				
TEST				

The ICS Zone and Talk groups are to be used in accordance with the table shown below. These talk groups are not for daily operations but are to be used for large scale incidents or inoperability between agencies.

Agency Initials _____

Attachment SPV
SPECIAL PROVISIONS

PSEC Use Agreement

Attachment SPV

SPECIAL PROVISIONS

Agency Rate Holiday –Rate holiday will begin immediately and will end on June 30, 2019. During rate holiday no subscriber rate will be paid by AGENCY to the County. Beginning July 1, 2019, AGENCY will pay all applicable rates and charges.

Agency Initials _____

Attachment RTM
RADIO TEMPLATE

PSEC Use Agreement

Attachment RTM

RADIO TEMPLATE

AGENCY will program their radios. COUNTY will assist if requested. The final AGENCY radio template will be included in this section upon completion.

Agency Initials_____

Attachment APE
APPROVED EQUIPMENT

PSEC Use Agreement

Attachment APE

APPROVED EQUIPMENT

The following equipment has been approved by COUNTY for use on the PSEC System:

- Motorola MCC7500
- Motorola APX Consolette
- Motorola APX Series 4000 Portables
- Motorola APX Series 6000 Mobiles and Portables
- Motorola APX Series 7000 Mobiles and Portables
- Harris UNITY XG100 Mobiles and Portables
- EF Johnson Viking 900 Portables
- EF Johnson Viking 600 Portables
- Kenwood NX-5400 Portables
- BK-Relm KNG-P800 Portables
- Tait TP9400 Portables

All equipment to be used on the PSEC System MUST be approved by COUNTY prior to operation on the System.

Agency Initials _____

Attachment DFN

DEFINITIONS

PSEC Use Agreement

Attachment DFN

DEFINITIONS

- **Call Back Response** – Telephone call
- **Incident Command Structure (ICS) zone or talk group** – Talk groups used for interoperability in the event of a major County wide catastrophe only.
- **RCIT** – Riverside County Information Technology Communications Bureau
- **MCC7500** – Motorola Astro 25 Console
- **Riverboard** – Specialized keyboard provided by Genesis
- **Equipment** – Any PSEC System user equipment including mobiles, portables, consolettes, and consoles.
- **Subscriber** – The PSEC System radios, including mobiles, consolettes and portables.
- **Time and material rate** – Board approved rate.
- **Advanced System Key (ASK)** – County controlled programming key.
- **T1** – Wireless microwave circuit.
- **Console Site** – Location where equipment that connects multiple consoles to the master site is located.
- **Master Site** – The System control location (Alessandro facility).
- **Motorola Dynamic System Resilience (DSR)** – Redundant master site.
- **FSB** – Field Service bulletin to provide updates from Motorola.
- **SER** – Annual software enhancement release.
- **Motorola SUA II Agreement** – Software upgrade agreement.

Agency Initials _____