



Sacramento Regional Fire/EMS Communications Center
10230 Systems Parkway, Sacramento, CA 95827-3006
www.srfecc.ca.gov

MEETING AGENDA
REGULAR MEETING OF THE GOVERNING BOARD OF SRFECC

Tuesday, October 27, 2026

9:00 AM

**Sacramento Regional Fire/EMS
Communications Center Annex
10240 Systems Pkwy Suite 200, CA 95827**

THE BOARD WILL CONVENE IN AN OPEN SESSION AT 9:00 A.M.

Call to Order

Roll Call of Member Agencies

Chairperson

Clerk of the Board

PRIMARY BOARD MEMBERS

Matt McGee, Chairperson

Joseph Fiorica, Vice Chairperson

Derek Parker, Board Member

Josh Freeman, Board Member

Assistant Chief, Folsom Fire Department

Deputy Chief, Sacramento Metropolitan Fire District

Deputy Chief, Sacramento Fire Department

Deputy Chief, Cosumnes Community Services District

PLEDGE OF ALLEGIANCE

AGENDA UPDATE: An opportunity for Board members to (1) reorder the agenda; and (2) remove agenda items that are not ready for presentation and/or action at the present Board meeting.

PUBLIC COMMENT: An opportunity for members of the public to address the Governing Board on items within the subject matter jurisdiction of the Board. The duration of the comment is limited to three (3) minutes.

Microsoft Teams Meeting

Join: <https://teams.microsoft.com/meet/23768849946220?p=hi9RSyeURLLzKhuGbi>

Meeting ID: 237 688 499 462 20

Passcode: kd9Sg372

PUBLIC COMMENT:

The Board of Directors welcomes public comments on matters within the jurisdiction of the Sacramento Regional Fire and EMS Communications Center (SRFECC), including items listed on the agenda and matters not listed on the agenda. Members of the public wishing to address the Board are invited to state their name for the record. Public comments are limited to three (3) minutes per speaker, subject to the discretion of the Board Chair. In accordance with the Brown Act, the Board generally may not discuss or take action on matters that are not listed on the agenda. The Board may refer such matters to staff or schedule them for consideration at a future meeting, as appropriate.

PRESENTATION:

1. Update on SRFECC Re-branding - Re-branding Committee Representatives

Page 4

*INDICATES NO ATTACHMENT

CORRESPONDENCE:

1. Correspondence from Sacramento Metropolitan Fire District designating alternate SRFECC Board representative.

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RECESS TO CLOSED SESSION:

1. CONFERENCE WITH LABOR NEGOTIATOR*

Pursuant to Government Code Section 54957.6

Center Negotiator(s)	Lindsay Moore, Counsel Parker Wilbourn, Chief Executive Director
Employee Organization(s)	Local 522 Unrepresented Administrators

2. PERSONNEL ISSUES*

Pursuant to California Governing Code Section 54957

Employee Evaluation:	Chief Executive Director Deputy Director of Administration Deputy Director of Operations Medical Director
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3. CONFERENCE WITH LEGAL COUNSEL: Anticipated Litigation*

Pursuant to California Government Code Section 54956.9(b) The Board will meet in closed session to discuss significant exposure to litigation.

One (1) potential case(s).

RECONVENE TO OPEN SESSION:

CONSENT AGENDA: Matters of routine approval including, but not limited to Board meeting synopsis, payroll reports, referral of issues to the committee, and other consent matters. The Consent Agenda is acted upon as one unit unless a Board member requests separate discussion and/or action.

1. Regular Board Meeting Synopsis (September 22, 2026)
2. Transition to Anthropic AI Accounts (Staff Report 26-46)

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Page 12

PROPOSED ACTION: Motion to Approve Consent Agenda

STAFF REPORTS/ACTION ITEMS:

1. **SUBJECT: Motorola AXS Radio Consoles** (Staff Report 26-42)

Page 15

Recommendation:

1. The Center recommends the Board of Directors approve the Motorola quote of \$358,244 for six (6) AXS dispatch radio consoles.

DISCUSSION/POSSIBLE ACTION:**INFORMATION:**

1. Center Stats – September 2026

Page 67

*INDICATES NO ATTACHMENT

- | | |
|---|---------|
| 2. Financial Reports – September 2026 | Page 71 |
| a. Monthly Credit Card Usage | |
| b. Budget to Actuals | |
| c. Cash Flow Report | |
| d. Monthly Lease Update | |
| 3. PAD Update – September 2026 | Page 78 |
| 4. Service Anniversaries – October 2026 | Page 79 |

CENTER REPORTS:

1. Deputy Director of Administration Marissa Shmatovich*
2. Deputy Director of Operations Casey Quintard*
3. Chief Executive Director Wilbourn*

ITEMS FOR DISCUSSION AND POTENTIAL PLACEMENT ON A FUTURE AGENDA:

BOARD MEMBER COMMENTS:

ADJOURNMENT:

The next scheduled Board Meeting is Monday, November 16, 2026.

LOCATION: SRFECC Annex
10240 Systems Pkwy – Suite 200, Sacramento CA, 95827

TIME: 9:00 a.m.
Board Members, Alternates, and Chiefs

POSTED: 10230 Systems Parkway, Sacramento, CA 95827
10240 Systems Pkwy. Suite 200, Sacramento, CA 95827
www.srfecc.ca.gov

DISABILITY INFORMATION:

In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the Chief Executive Director's Office at (916) 228-3070. Notification at least 48 hours prior to the meeting will enable the Center to make reasonable arrangements to ensure accessibility to this meeting.

POSTING:

This is to certify that on October 21, 2026, a copy of the agenda was posted at the following locations:

- 10230 Systems Parkway, Sacramento, CA 95827
- 10240 Systems Parkway – Suite 200, Sacramento, CA 95827
- The Center's website at – www.srfecc.ca.gov

ATTEST:


MELLISA GINGERY
CLERK OF THE BOARD

*INDICATES NO ATTACHMENT

The Road to Rebranding

Honoring Legacy and Moving Forward

The Center recruited a Rebranding Committee to refresh the Center's logo and legal name to reflect who we are today while preserving where we've come from. The Center is pleased to present a new name and logo to the Board of Directors in advance of the Amended JPA Agreement.

Why the Rebrand?

Our current name is a long and difficult to remember or communicate, even though it accurately reflects our mission and the people we serve. The goal is a shorter, modern name that still reflects our mission. The refreshed logo preserves the nature of our work and reproduces better across print, uniforms, and digital media.

The Rebranding Committee, composed of staff from all ranks and departments, polled their shifts, developed name and logo options, and voted on the final recommendation.

	Current	Final Selection
Legal Name	Sacramento Regional Public Safety Communications Center	Sacramento Regional Fire/EMS Communications Center (SRFECC)
DBA	Sacramento Regional Fire/EMS Communications Center (SRFECC)	Sacramento Regional Fire Dispatch (SRFD)
Logo		

Next steps

- Complete rebranding process with branding guide, logo versions, and challenge coins
- Complete JPA Agreement amendment and present to Board
- Update DBA filings
- File new domain with CDT (@srfd.ca.gov)



ADAM A. HOUSE
Fire Chief

Sacramento Metropolitan Fire District

10545 Armstrong Ave., Suite 200 • Mather, CA 95655 • Phone (916) 859-4300 • Fax (916) 859-3702

October 18, 2026

Parker Wilbourn, Chief Executive Director
Sacramento Regional Fire/EMS Communications Center
10230 Systems Pkwy
Sacramento, CA 95827
c/o Lindsay Moore, SRFECC Counsel
lmoores@kblegal.us

Re: Metro Fire's Primary and Alternate Delegates for SRFECC

Dear Chief Executive Director Wilbourn,

Please be advised that, effective October 18, 2026, Out-of-Class Deputy Chief Joe Aldrich has been designated as Metro Fire's alternate delegate to the Sacramento Regional Fire/EMS Communications Center (SRFECC), replacing Deputy Chief/Acting Fire Chief Adam Mitchell.

Deputy Chief Joe Fiorica will remain the primary delegate

Please do not hesitate to contact me if you require anything further.

Regards,

Adam Mitchell (Oct 19, 2026 04:15:41 PDT)

Adam Mitchell
Acting Fire Chief

MEETING MINUTES GOVERNING BOARD MEETING

Tuesday, September 22, 2026

9:00 AM

Sacramento Regional Fire/EMS
Communications Center Annex
10240 Systems Pkwy Suite 200, CA 95827

GOVERNING BOARD MEMBERS PRESENT

Matt McGee, Chairperson	Assistant Chief, Folsom Fire Department
Joseph Fiorica, Vice Chairperson	Deputy Chief, Sacramento Metropolitan Fire District
Derek Parker, Board Member	Deputy Chief, Sacramento Fire Department
Matt DeMarco, Alternate Board Member	Deputy Chief, Cosumnes Community Services District

GOVERNING BOARD MEMBERS ABSENT

Josh Freeman, Board Member	Deputy Chief, Cosumnes Community Services District
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COMMUNICATIONS CENTER MANAGEMENT

Parker Wilbourn	Executive Director
Marissa Shmatovich	Deputy Director of Administration
Casey Quintard	Deputy Director of Operations

OTHERS IN ATTENDANCE

Lindsay Moore	Counsel, SRFECC
Tara Poirier	EMS Manager, SRFECC
Kylee Soares	Operations Manager, SRFECC
Brad Dorsett	IT Manager, SRFECC
Corbyn Brooker	HR Manager, SRFECC
Bayleigh Nichols	HR Technician, SRFECC
Courtney McClelland	Payroll and Benefits Administrator, SRFECC
Tyler Stoddard	Data Technician, SRFECC
Jenn Edwards	Dispatcher, SRFECC
Mellisa Gingery	Executive Assistant, SRFECC

The meeting was called to order and roll call was taken at 9:00 a.m.

1. The Pledge of Allegiance was recited.
2. There were no agenda updates.
3. There were no public comments.

PRESENTATION:

1. A presentation was provided by Marissa Shmatovich, Deputy Director of Administration, on the strategic blueprint and growth plan for SRFECC.

CORRESPONDANCE:

1. Correspondence from Sacramento Fire Department designating alternate SRFECC Board representative
2. Delta Dental – Broker Revenue Discloser

*INDICATES NO ATTACHMENT

CLOSED SESSION:

1. CONFERENCE WITH LABOR NEGOTIATOR*

Pursuant to Government Code Section 54957.6

Center Negotiator(s)

Lindsay Moore, Counsel

Derek Parker, Chief Executive Director

Employee Organization(s)

Local 522 – Labor

Local 522 – Managers and Supervisors

Unrepresented Administrators

2. PERSONNEL ISSUES*

Pursuant to California Governing Code Section 54957

a. Employee Evaluation:

Chief Executive Director

Deputy Director of Administration

Dispatch Managers

3. CONFERENCE WITH LEGAL COUNSEL: Anticipated Litigation*

Pursuant to California Government Code Section 54956.9 (b) The Board will meet in closed session to discuss significant exposure to litigation.

One (1) potential case(s)

The closed session was convened at 9:07 a.m.

The open session was reconvened at 10:16 a.m.

1. Direction was provided from the Board to staff unto different negotiable topics
2. The Board received an update; no formal action was taken
3. The Board received an update; no formal action was taken

CONSENT AGENDA: Matters of routine approval including, but not limited to Board meeting synopsis, payroll reports, referral of issues to committee, other consent matters. A Consent Agenda is acted upon as one unit unless a Board member requests separate discussion and/or action.

1. A motion was made by Chief Parker and seconded by Chief Fiorica to approve the Consent Agenda for the following:
 - a. Regular Board Meeting Synopsis (August 25, 2026)
 - b. HVAC Maintenance Services (Staff Report 26-41)

AYES: Sacramento Fire Department, Sacramento Metropolitan Fire, Folsom Fire Department

NOES:

ABSENT:

ABSTAIN:

Motion passed.

ACTION ITEMS:

1. Mission Critical Partners Facility Feasibility Study Proposal (Staff Report 26-42)
 - a. A motion was made by Chief Parker and seconded by Chief McGee to approve the Mission Critical Partner Facility Feasibility Proposal for a fixed fee of \$64,002 to conduct a communications center and disaster recovery site for a remodel or new facility to accommodate current and future growth needs.

*INDICATES NO ATTACHMENT

AYES: Sacramento Fire Department, Sacramento Metropolitan Fire, Cosumnes Community Services District, Folsom Fire Department

NOES:

ABSENT:

ABSTAIN:

Motion passed.

2. Proposed Update to the Procurement Policy (Staff Report 26-43)

- a. A motion was made by Chief Parker and seconded by Chief DeMarco to approve the updates to Board Policy 3.017 – Procurement.

AYES: Sacramento Fire Department, Sacramento Metropolitan Fire, Cosumnes Community Services District, Folsom Fire Department

NOES:

ABSENT:

ABSTAIN:

Motion passed.

3. Generators/ATS Preventative Maintenance Services (Staff Report 26-44)

- a. A motion was made by Chief McGee and seconded by Chief Fiorica to approve a three-year preventative maintenance services agreement with Cummins for the Center's emergency standby generators and automatic transfer switches for \$31,630.58.

AYES: Sacramento Fire Department, Sacramento Metropolitan Fire, Cosumnes Community Services District, Folsom Fire Department

NOES:

ABSENT:

ABSTAIN:

Motion passed.

4. Tablet Command services Agreement (Staff Report 26-45)

- a. A motion was made by Chief McGee and seconded by Chief Parker to approve the annual Tablet Command Services Agreement between Tablet Command and SRFECC.

AYES: Sacramento Fire Department, Sacramento Metropolitan Fire, Cosumnes Community Services District, Folsom Fire Department

NOES:

ABSENT:

ABSTAIN:

Motion passed.

DISCUSSION/POSSIBLE ACTION:

1. SRFECC proposed rescheduling the November and December Regular Board Meetings to November 17, 2026 and December 15, 2026, respectively, and will send a meeting poll to confirm Board availability.

INFORMATION:

*INDICATES NO ATTACHMENT

None

CENTER REPORTS:

Deputy Director of Administration Marissa Shmatovich: Marissa reported that the Center continues to advance key projects aligned with its strategic plan and executive blueprint, including Amendment 11, CAD modernization, and the facility feasibility study. Recruitment efforts are strong, with nine recruits currently in the academy. Policies and procedures are being collaboratively updated, as seen with the procurement policy, to ensure best practices are documented. The recent Center Sync meetings were successful in fostering communication across the organization. Several staff members were recognized for service anniversaries: Tyler and Mellisa (5 years), Chia (9 years), and Corbyn (3 years). Marissa expressed immense pride in the entire staff for their daily efforts and commitment to growth.

Deputy Director of Operations Casey Quintard: Casey reported that Operations remain busy. Call-answering times showed significant improvement this month, a credit to the dispatchers working overtime. Projects are moving forward, including work on GIS, final touches on Viewpoint training, and the AVRR project with Peraton. Preparations are underway for the upcoming airshow with Metro, the ProQA update on October 1st, and ACE recertification in April 2027. Casey noted that the 2027 shift bid is complete, and there have been revamped processes for acting out of class and CTO roles have generated strong interest from dispatchers. The Center now has an in-house EMD instructor, Dan Hess, a valuable resource. Ride-alongs and sit-alongs are being encouraged to bridge the gap between dispatch and field units. Service anniversaries were celebrated for EMS Manager Tara (21 years), Alicia (5 years) Ana, Jennifer G, and Alex C. (2 years), and Staci (1 year). The speaker expressed deep appreciation for the entire operations team and the management staff for their hard work in maintaining smooth daily operations and planning for future efficiencies.

Chief Executive Director Parker Wilbourn: Chief Wilbourn provided an update structured around the three priorities in the executive blueprint: Members and Mission, Future Readiness and External Engagement. The Center Sync meetings were highlighted as a success, providing a direct line of communication for staff and clarifying the Center's direction with the new executive blueprint. The Center's Rebranding Committee has decided on a new name: the primary legal name will remain SRFECC, but the DBA will be "Sacramento Regional Fire Dispatch." A new logo is in development, with a full presentation to come. Regarding future readiness, progress on Amendment 11 is critical for the Center's future, and emergency operation planning remains a top priority. In external engagement, staff participated in a simulated aircraft rescue exercise with Sacramento Airports, an overnight event with the Cosumnes Fire academy, and live-fire training. The Center continues to engage with other PSAPs to share insights. A new partnership is developing with Sierra College to connect with their dispatcher program. Wilbourn thanked the board for their continued support and thanked the Center staff for their commitment to providing excellent service.

CORRESPONDENCE:

None

ITEMS FOR DISCUSSION AND POTENTIAL PLACEMENT ON A FUTURE AGENDA:

BOARD MEMBER COMMENTS:

Chief McGee: Chief McGee highlighted the significant improvement in call-answering times, noting the real-time positive effects felt by the public and in the field. McGee also expressed support for the new "Sacramento Regional Fire Dispatch" branding.

Chief Fiorica: Chief Fiorica expressed appreciation for the comprehensive staff reports and was happy to see the return of ride-alongs and sit-alongs, emphasizing their value in correcting false perceptions about dispatch operations. They also noted the value of dispatchers participating in live-fire training exercises. He ended by congratulating those with service anniversaries.

*INDICATES NO ATTACHMENT

Chief Parker: Chief Parker recognized the Center's administrative and support staff for their important contributions behind the scenes and expressed appreciation for their work in supporting the Center's operations personnel.

Chief DeMarco: Chief DeMarco thanked the entire team for their work on the strategic planning process and congratulated those celebrating service anniversaries. DeMarco reiterated the benefit of having dispatch staff interact with fire academy recruits.

ADJOURNMENT:

The meeting was adjourned at 10:46 a.m.

ATTEST:


MELLISA GINGERY
CLERK OF THE BOARD

MATTHEW MCGEE
CHAIRPERSON

JOSEPH FIORICA
VICE CHAIRPERSON



Sacramento Regional Fire/EMS Communications Center

10230 Systems Parkway, Sacramento, CA 95827-3007

www.srfecc.ca.gov

STAFF REPORT (26-46)

DATE: October 27, 2026
TO: Board of Directors
FROM: Parker Wilbourn, Chief Executive Director
BY: Brad Dorsett, IT Manager
SUBJECT: Transition to Anthropic AI Accounts

RECOMMENDATION

The Center recommends the Board of Directors approve the transition of the Center's primary artificial intelligence service from OpenAI ChatGPT to Anthropic Claude for a total of \$6,720 annually.

BACKGROUND/ANALYSIS:

Artificial intelligence tools are increasingly useful for research, drafting, technical troubleshooting, data analysis, process improvement, software and script development, and other administrative and technical functions. As use of these services expands, SRFECC has an increased responsibility to ensure that AI is used in a consistent and controlled manner that protects Center information while providing staff access to modern productivity tools.

SRFECC staff currently uses OpenAI ChatGPT and other various, personal owned AI accounts. The recommendation is to transition to Claude Team based on its safety-focused design, administrative and identity controls, centralized billing, organizational account management, and support for advanced technical workflows. A key goal being organizational ownership of accounts used for Center business. Employees who require AI access should use accounts issued and managed by SRFECC.

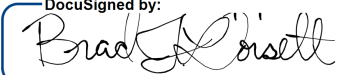
FINANCIAL ANALYSIS

Future annual costs will be based on the number and type of licenses in use at the time of renewal. The Anthropic cost of \$6,720 will be fully absorbed without any adverse fiscal impact through cost savings from elimination of four (4) other software applications totaling \$17,400.

This recommendation is in alignment with Strategic Blueprint focus area:

- 1B: Constantly improve and document organizational standards and protocols.
- 1D: Continually modernize the Center's technology and systems infrastructure and practices.
- 2C: Expand knowledge sharing and skill building opportunities across the organization.
- 4C: Invest in the Center's long-term facility, technology and communication needs.

Should you have any questions, please contact me prior to the Board Meeting.

DocuSigned by:

704389467A974D5...
Brad Dorsett
IT Manager

Attachments: Attachment- Claude _ AI Service Cost Summary

Attachment: AI Service Cost Summary

Claude Team Plan – Annual Subscription

Purpose

This attachment summarizes the annual cost of transitioning the organization's primary AI service from OpenAI ChatGPT to Anthropic Claude (Team plan). It supports the staff report requesting Board approval of the transition.

Annual Cost Summary

Seat Type	Description	Quantity	Unit Price (per seat / year)	Annual Total
Standard seats	Best for most employees	13	\$240.00	\$3,120.00
Premium seats	5x more usage than standard seats	3	\$1,200.00	\$3,600.00
Subtotal		16 seats		\$6,720.00
Tax (if applicable)	None assessed at checkout			-
Total Due (Annual Billing)				\$6,720.00

Billing Options Compared

Billing Option	Price	Annualized Cost
Monthly	\$700.00 / month + tax	\$8,400.00
Annual (selected)	\$6,720.00 / year + tax	\$6,720.00
Savings with annual billing		\$1,680.00 (20%)

Plan Notes

- Team plans require a minimum of 2 seats; this request is for 16 seats (13 standard, 3 premium).
- Premium seats provide five times the usage of standard seats.
- The subscription creates a separate account for the organization's team.
- Annual billing is a single payment of \$6,720.00 due at purchase.

Source

Figures are taken from the Claude Team plan checkout ("Choose your seats and plan") as displayed on the date above. Pricing is subject to change by the vendor; a final invoice will be issued upon purchase.



Sacramento Regional Fire/EMS Communications Center

10230 Systems Parkway, Sacramento, CA 95827-3007

www.srfecc.ca.gov

STAFF REPORT (26-47)

DATE: October 27, 2026
TO: Board of Directors
FROM: Parker Wilbourn, Chief Executive Director
BY: Brad Dorsett, IT Manager
SUBJECT: Motorola AXS Radio Consoles

RECOMMENDATION

The Center recommends the Board of Directors approve the Motorola quote of \$358,244 for six (6) AXS dispatch radio consoles.

BACKGROUND/ANALYSIS:

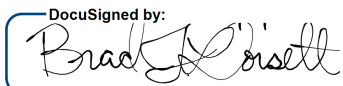
This acquisition will increase the Center's operational radio console capacity from 12 to 18 positions, providing additional flexibility to support increased workload and staffing, major incidents, and continuity of operations. On top of giving us 18 standardized dispatch workstations, this purchase also represents a proactive approach to the Center's long-term radio console replacement strategy. The existing 12 Motorola radio consoles are scheduled to reach end of support in 2030, making their eventual replacement necessary, and these new consoles are a key component in that plan. Dispatch operations will be able to temporarily relocate to the new positions while the older consoles are systematically replaced, minimizing operational disruption and maintaining continuity of emergency communications.

FINANCIAL ANALYSIS

This cost includes a promotional 30% discount from Motorola if purchased within the 2026 calendar year. This hardware will be identified as a CIP project, funded by the "Capital Improvement – Equipment" line item with no unanticipated financial impacts.

This recommendation is in alignment with Strategic Blueprint focus area 4C – Invest in the Center's long-term facility, technology and communication needs and a modern disaster recovery site.

Should you have any questions, please contact me prior to the Board Meeting.

DocuSigned by:

704389467A974D5...
Brad Dorsett
IT Manager

Attachments: Attachment- AXS -SRFECC Firm Offer_101626

Proposal

Sacramento Regional Fire and EMS Communications Center

AXS Consoles

October 20, 2026

The design, technical, and price information furnished with this proposal is proprietary information of Motorola Solutions, Inc (Motorola). Such information is submitted with the restriction that it is to be used only for the evaluation of the proposal, and is not to be disclosed publicly or in any manner to anyone other than those required to evaluate the proposal, without the express written permission of Motorola Solutions, Inc
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Motorola Solutions, Inc.
500 Monroe Street; Suite 4400
Chicago, IL 60661

October 20, 2026

Roman Khukarets
Sacramento Regional Fire/EMS Communications Center
10230 Systems Pkwy
Sacramento, CA 95827

Subject: Firm Proposal for AXS Consoles

Dear Roman Khukarets,

Motorola Solutions, Inc. (Motorola) appreciates the opportunity to provide the Sacramento Regional Fire/EMS Communications Center (SRFECC) quality communications equipment and services. Motorola Solutions' project team has taken great care to propose a solution to address your needs and provide exceptional value.

- Six (6) CommandCentral AXS console positions
- Professional implementation and deployment

Motorola's proposal is subject to the terms and conditions of Sourcewell Contract #020625-MOT. Pricing will remain valid for 60 days from the date of this proposal. SRFECC may accept this proposal by issuing to Motorola a signed purchase order specifically referencing "PO is subject to Motorola's proposal dated October 20, 2026, and the terms and conditions of Sourcewell Contract #020625-MOT."

Any questions SRFECC has regarding this proposal can be directed to Blake Chainey at (208) 871-6930 or blake.chainey@motorolasolutions.com.

Our goal is to provide SRFECC with the best products and services available in the communications industry. We thank you for the opportunity to present our proposed solution, and we hope to strengthen our relationship by implementing this project.

Sincerely,



Roy Kyser
Area Sales Manager
MOTOROLA SOLUTIONS, INC.

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Section 1

Introduction

Motorola Solutions, Inc (Motorola Solutions) is pleased to submit this **firm proposal** that upgrades Sacramento Regional Fire and EMS Communications Center's dispatch system to a new platform using the CommandCentral AXS dispatch console platform.

The proposed dispatch consoles will be installed at the existing dispatch center. The dispatch center maintains connectivity to the Sacramento Regional Radio Communications System (SRRCS) ASTRO 25 IP-based Zone Core. This core architecture serves as the central hub for voice switching, network management, and overall system control. To ensure comprehensive operational capability, standard dispatch accessories are included in this configuration.



Section 2

Solution Summary

2.1 Driving Your Success

CommandCentral AXS Dispatch Console provides dispatchers with an intuitive, highly configurable interface and a mission-critical IP network, enabling faster response times and improved operational efficiency.

Imagine a dispatcher struggling to manage multiple disparate systems during a critical emergency. Juggling different screens, applications, and communication channels, they lose precious seconds coordinating resources and relaying vital information. This delay can have severe consequences, impacting the safety of first responders and the community they serve.

CommandCentral AXS Dispatch Console streamlines operations by consolidating all mission-critical tools and applications into a single, unified interface. This intuitive, browser-based GUI allows dispatchers to access resources quickly, respond to incidents effectively, and maintain seamless communications across the entire system. The result is a more efficient, responsive, and resilient public safety operation.

2.1.1 Key Products and Benefits

- **CommandCentral AXS Dispatch Console:** Reduces barriers between systems in the dispatch center, providing access to all mission-critical tools and applications through an intuitive, highly configurable browser-based GUI.
- **Next Generation Dispatch Experience:** Responds to touch, type, or click, offering dispatchers flexibility and connectivity. Extensive configuration options and simple scalability allow agencies to adapt and grow as needed.
- **Purpose-Built Dispatch Console Accessories:** Enhances the dispatch experience with accessories like gooseneck microphones, speakers, headset jacks, and footswitches, designed for industry-leading performance and reliability.

2.1.2 A Solution That is More Than the Sum of its Parts

The devices and applications in this proposal are part of an integrated ecosystem of technology that allows seamless collaboration across different systems and networks. It transforms streams of complex data into life-saving, mission-critical information - improving response times, increasing efficiency, and driving better outcomes for your end-users, your agency, and your community.

Below are some additional product integrations available using Motorola technology, which could do even more to help meet your missions-critical needs and objectives:



2.1.2.1 CommandCentral AXS Dispatch Console can integrate with...

- **APX Two-Way Radios:** APX radios properly provisioned on the same ASTRO radio system can enable mission-critical communication between dispatch and field teams.
- **ASTRO 25:** Radio dispatch solutions, such as CommandCentral AXS, connected to ASTRO radio systems enables efficient and effective communication between command centers and field personnel.
- **PremierOne CAD:** Using the available CommandCentral AXS radio dispatch console SDK, PremierOne CAD users have access to certain voice dispatch functions directly from the CAD screen.

Note: The product descriptions and performance-enhancing integrations discussed here are summaries, offered for representative purposes only. This information is true and accurate in a general sense, but may not reflect the precise products, integrations, and/or features, either in this proposal or currently in your fleet. For complete and detailed information, please consult the rest of this section.



Section 3

CommandCentral AXS Dispatch Console

3.1 Overview

Motorola Solutions, Inc's (Motorola Solutions) CommandCentral AXS Dispatch Console reduces the barriers between systems in Sacramento Regional Fire and EMS Communications Center's dispatch site, allowing access to all the mission-critical tools and applications dispatchers need in the moments that matter. This makes operation more efficient in emergency situations. Resources are accessible with an intuitive, highly configurable browser-based GUI. Dispatchers will have an expansive feature set and a mission-critical IP network for transporting information and calls throughout the system.

CommandCentral AXS improves the efficiency and operation of dispatchers in the following ways (additional fees may apply depending upon feature and hardware additions):

- **Next Generation Dispatch Experience** – The solution responds to touch, type or click, giving dispatchers the flexibility to interact and stay connected to teams in the way that best suits them. Extensive configuration options, flexible deployment configurations and simple scalability means agencies only pay for what is needed now, with the room to adapt and grow as needs change over time.
- **Purpose-Built Dispatch Console Accessories** – Enhances the dispatch experience with accessories, such as gooseneck microphone, speakers, headset jack, and footswitch, designed and tested for industry-leading performance and reliability.

This solution also reduces operating costs and provides a smaller physical footprint in the command center without compromising on features or reliability. This combination of seamless communications, modern architecture, and advanced integration capabilities enables the CommandCentral AXS solution to scale and evolve as needs change over time.

3.1.1 Integration with the ASTRO 25 Network

The proposed dispatch console seamlessly integrates into the Sacramento Regional Radio Communications System (SRRCS) ASTRO 25 system for an integrated, mission-critical network. This tight union between radio infrastructure and console equipment has several operational benefits to Sacramento Regional Fire and EMS Communications Center. The physical space to accommodate the proposed console is comparable to that required for a personal computer.

The console can access both trunked talkgroups and conventional radio channels over the same network. This architecture reduces overall transport costs and the need for duplicate fixed network equipment.



3.1.2 Connection to ASTRO 25 System

The ASTRO 25 system's architecture is flexible and can be configured to meet Customer's unique needs.

3.1.2.1 Dual Site Link

The proposed console sites for Sacramento Regional Fire and EMS Communications Center are remote from the core site and feature redundant site links to provide path diversity. The console site has two logical connections to the core site, with each connection using a different core router.

Each console site gateway provides an interface that handles the following IP traffic between the proposed console center and the Customer's ASTRO 25 core site:

- Network management traffic.
- Call control and audio traffic for all the calls being handled by the dispatch positions.
- Aux I/O traffic for the Aux I/Os being handled by the dispatch positions.

The site routers fragment and prioritize large IP packets according to industry standards and convert Ethernet data to the desired transport medium.

Existing site routers at the dispatch center will be used.

3.1.2.2 LAN Switches

LAN switches provide LAN interfaces for console site equipment and a LAN port for the link to the core site. Service technicians can access the system's configuration manager and service the equipment through the switch.

Existing LAN switches at the dispatch center will be used.

3.2 Making Consoles Easy to Operate

Motorola Solutions' proposed consoles are optimized for real-time audio, prioritizing emergency calls over other traffic, and minimizing voice queuing. Using robust error mitigation to maintain call quality even when the system is heavily loaded, the proposed console reduces communication errors that may force dispatchers or radio users to repeat their transmissions.

3.2.1 Next Generation Dispatch Experience

CommandCentral AXS features a highly configurable graphical user interface (GUI) that provides quick, single-view access to important information and functionalities. The browser-based GUI's versatile folders, tabs, and scalable resources allow users to organize and configure their dispatch experience and make engagement more familiar and intuitive from shift to shift. Folders and tabs can be relocated, exposed, or overlapped as needed, giving dispatchers more control of what information they see and how they interact with those resources. CommandCentral AXS also offers multiple options for routing audio to speakers and controlling volume levels.



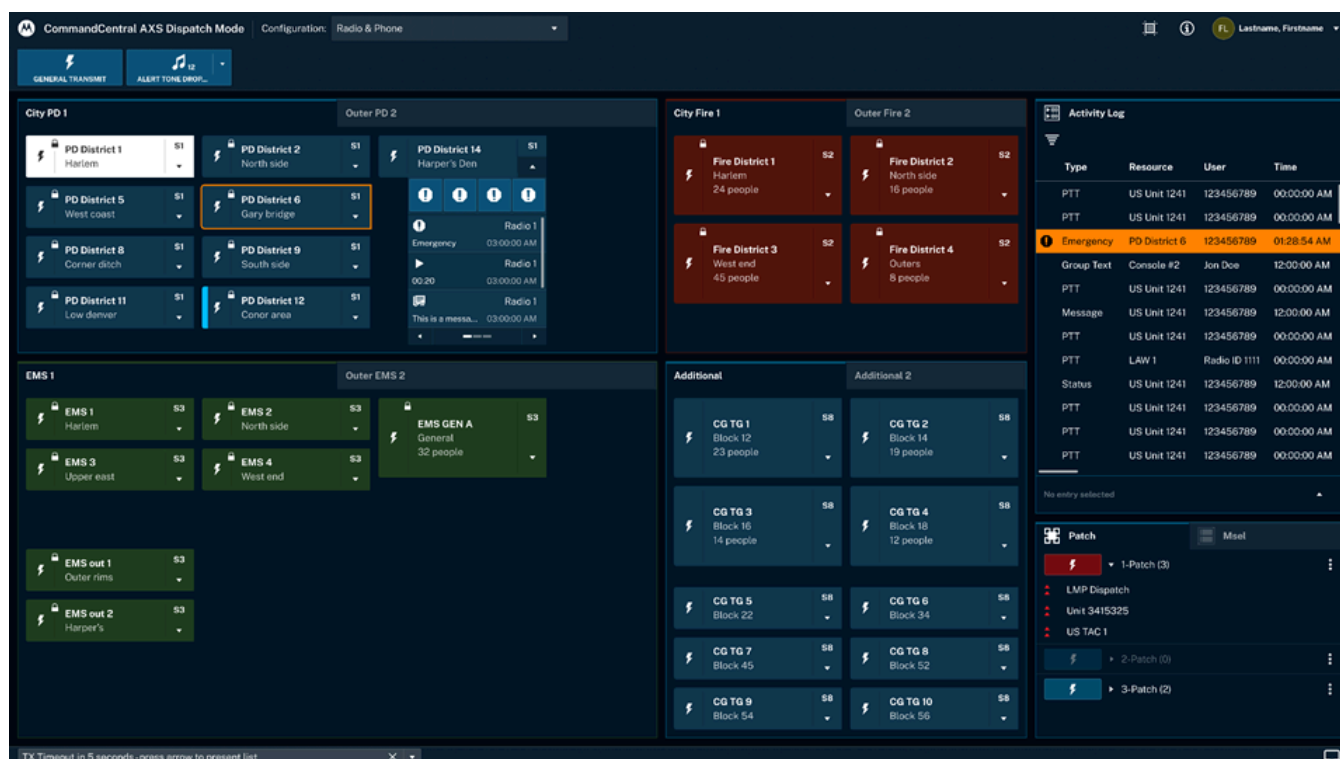


Figure: Next Generation Dispatch Experience

CommandCentral AXS features flexible window positioning and capabilities for quick and efficient access to services such as:

- **Activity Log** – Provides an efficient point of reference for all incoming calls into a dispatch console, showing dispatchers detailed, searchable call information (radio resource name and call time) to enable faster and more informed response.
- **Paging** – Allows users to send user configured pages on radio resources. This flexible paging feature is integrated with CommandCentral AXS for both conventional and trunked radio resources, while an external paging encoder port on the CommandCentral Hub enables third-party paging encoders to send pages on the selected radio resources.
- **Patch Capabilities** – Enables dispatchers to set up a communication path between two or more resources that are normally unable to communicate with each other, such as trunked resources and conventional resources.
- **Alert Tones** – Allows dispatchers to send one of fifteen user-configurable alert tones on selected radio resources. Fifteen default .wav files are provided with the dispatch console software, but any combination of these default files may be replaced with user configured .wav files to meet specific needs.
- **Channel Marker** – Enables dispatchers to send a periodically repeating piece of audio on radio resources to meet the specific needs.

3.2.2 Cross Platform Dispatch Capabilities

This solution is designed to take full advantage of Motorola Solutions' end-to-end software suite, CommandCentral. These cross platform integrations enhance the dispatch capabilities of CommandCentral AXS.



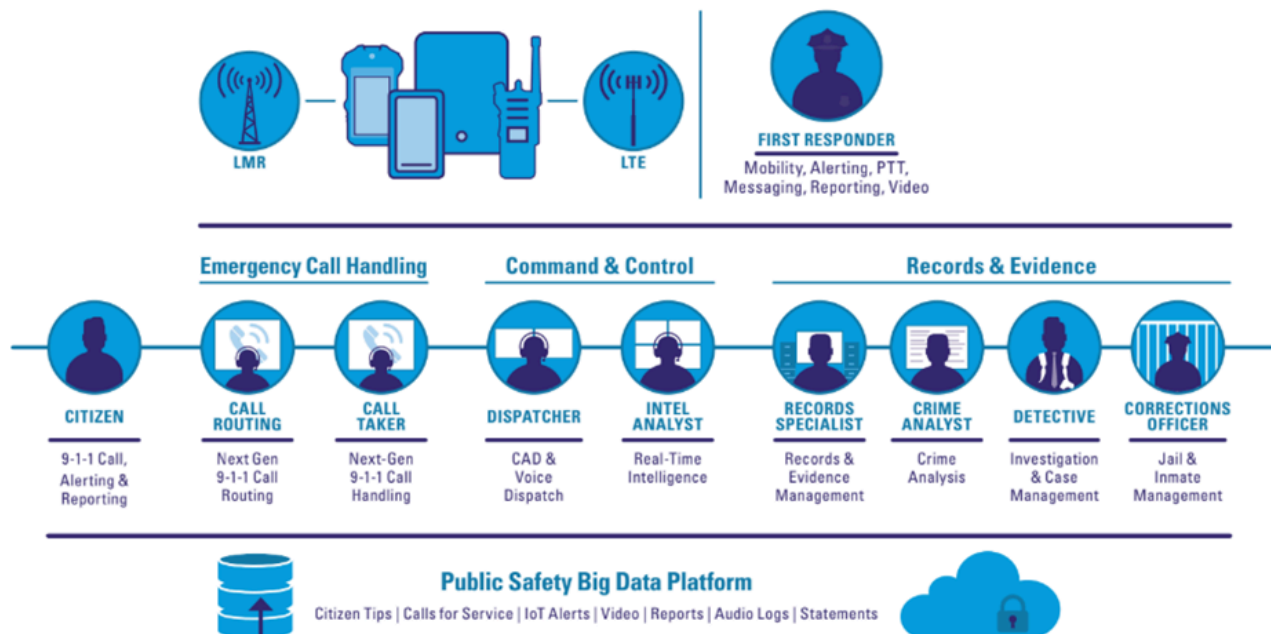


Figure: Motorola Solutions' End-to-End Portfolio

CommandCentral AXS is an integral part of our end-to-end portfolio, providing greater interoperability and support for Customer's current and future investments. As needs grow and change over time, this solution's flexible integration capabilities evolve to satisfy new demands. This adaptability also enables dispatchers to be effective with the integrations and capabilities they need.

3.2.3 Headset Sharing

CommandCentral AXS supports Headset Sharing, which enables a dispatcher to use a common headset for both radio and 911 communications and to quickly access basic 911 call taking functionality from CommandCentral AXS. This improves the dispatcher's efficiency and accuracy when they have to concentrate on the radio dispatch GUI while handling 911 calls.

3.2.4 Auxiliary Inputs/Outputs

The proposed console supports Global Auxiliary Inputs/Outputs (Aux I/Os) for remote status indications or remote control through dispatch positions. Global Aux I/Os are typically implemented by hardware that is independent of the dispatch positions in a system and may be accessible to multiple dispatch positions. Aux I/O Servers provide the Aux I/O feature for the consoles.

3.2.5 Standard Radio Transmission and Reception

A typical proposed dispatch position has a headset and two speakers. One speaker is for selected audio and the second speaker is for all remaining unselected audio. Additional speakers can be added to a console allowing dispatchers to configure a specific speaker for a set of designated audio sources. This simplifies multitasking between multiple audio sources and allows flexibility in the way the audio is presented to the dispatcher.

3.2.5.1 Receiving Calls from the Field and Other Dispatchers

The proposed console provides dispatchers with greater flexibility for how to hear calls from field radio users and other dispatchers. Each dispatcher can define his or her own audio reception profile by selecting a single audio source, whether conventional or talkgroup, to be heard on a selected speaker or headset (Single Select). The dispatcher can also define groups of radio resources that can all be heard on a selected speaker or headset (Multi-Select).

3.2.5.2 Initiating Calls to the Field and Other Dispatchers

The dispatcher has several different ways of initiating a call. In most circumstances, a General Transmit is appropriate. With the General Transmit, the dispatcher selects a resource on the console and activates the transmission through a footswitch, headset transmit button, or a microphone transmit button. If the dispatcher needs to quickly transmit on a resource that is not selected, the dispatcher uses the Instant Transmit function.

A safety switch is available, which prevents accidental activation of functions that may cause negative consequences. The safety switch can be used with Aux I/Os and preprogrammed pages, as well as Instant Transmit switches.

3.2.5.3 Audio Communication to the Field and Other Dispatchers

The dispatcher can transmit audio in different ways. They can make calls to all users listening to a specific conventional radio resource or a specific trunking talkgroup. When multiple resources are required, the dispatcher can select additional talkgroups and/or conventional channels, as needed using the Multi-Select feature.

The proposed console also enables dispatchers to make private calls to individual field radio users or dispatchers. Once a private call is established, it can be patched in with another resource at the dispatcher's discretion.

3.2.5.4 Controlling Console Audio

The proposed console offers dispatchers several different ways of controlling or muting the audio on their consoles, such as the following:

- Audio volume can be changed for any specific resource.
- All non-selected resources on the console can be muted for 30 seconds (All Mute) or unmuted, if already muted.
- A dispatcher can transmit on a resource while receiving audio from the same resource or other resources.
- A dispatch position can be configured to automatically mute the other dispatch audio on a shared resource to prevent acoustic feedback when a co-located dispatch position transmits.
- RF Cross Mute automatically mutes the receive audio from a specified channel when the dispatcher transmits on another specified channel to prevent acoustic feedback.

3.2.5.5 Controlling Network Audio

Dispatchers can control audio on the ASTRO 25 network. The dispatcher can enable or disable radio users to compartmentalize traffic, reduce interruptions, and maintain communications between dispatch and the field. When this function is enabled or disabled, all dispatch consoles with this



resource assigned are updated with the current status of the feature. This feature can be controlled from any dispatch position.

3.2.6 Emergency Radio Transmission and Reception

As part of a mission-critical communications network, the proposed dispatch console facilitates immediate prioritization and resolution of emergency communications between Customer's dispatch and first responders in the field. This enables dispatchers and first responders to focus on their mission and not their equipment, especially during critical situations.

3.2.6.1 Receiving an Emergency Call

When a user in the field or another dispatcher initiates an emergency call, the console emits both visual and audible indications (Emergency Alarm). The audible indication alerts the dispatcher that an emergency is underway; the visual indication directs the dispatcher's attention to the specific resource making the emergency call. The dispatcher can immediately reserve a voice channel for the duration of the emergency.

3.2.6.2 Responding to an Emergency Call

A dispatcher can bypass the standard console interface to auto-open a quick list, which contains specific controls for recognizing an emergency call, initiating an emergency call, and ending an emergency call (Auto-Open of Quick List). The dispatcher can then recognize the emergency call, which ends the audible emergency indication and notifies all dispatchers that the emergency is being addressed (Emergency Recognize).

The audible emergency indication may also be muted by a dispatcher without recognizing the emergency alarm (Mute Tones at a Single Op). This can be used in a situation where one agency is monitoring a channel that belongs to another agency. That channel can be configured to not generate audible and/or visual emergency indications.

3.2.6.3 Ending an Emergency Call

When an emergency is over, the dispatcher can end the Emergency Alarm. The visual indication on the dispatch position GUI is removed, and the console informs the other dispatch positions that the emergency is over (Emergency End/ Knockdown). The emergency mode remains active on the initiating radio unit until it is ended (reset) by the radio user.

3.2.7 Radio Patch Control

The dispatcher can patch communication between trunked and/or conventional radios that are normally unable to communicate with each other due to different features, programming, or even different frequency bands. A patch group is a group of linked resources that can both receive messages from a console and transmit to all other members of the patch group.

3.2.7.1 Setting up a Standard Patch

Patches are supported between trunked resources and/or conventional resources. After the patch is created, the dispatch position transmits all audio on one resource to all other resources in the patch group. In a patch between trunked resources, patched radio users with displays see the ID or alias of



the other patched radio(s), as opposed to that of the console. This minimizes confusion and the need for the dispatcher to intervene in the call. Patches are automatically reestablished, if interrupted, so the dispatcher can concentrate on continuing operations.

3.2.7.2 Predefined Patches

Patches can be predefined and automatically reinitiated each time a dispatch position computer is restarted (Patch Auto-Start).

3.2.8 Call Management and Control

The dispatcher can use the following functionality to manage and control audio for different types of calls between the dispatch position and radio users or other dispatchers.

3.2.8.1 Automatic Prioritization of Calls

Calls on the dispatch position are prioritized through a transmission hierarchy. Calls from primary supervisors take priority over those from secondary supervisors, which in turn take priority over non-supervisors. Instant Transmit or All-Points Bulletin (APB) transmissions, regardless of whether they are from a supervisor, take priority over general or patch transmissions.

Multiple dispatchers can be designated as primary supervisors on the same system, which is useful when multiple agencies share one system. With the Network Manager Client installed, supervisors can disable and enable dispatch console functionality as needed.

3.2.8.2 Manual Prioritization of Calls

System Access Priority Select allows a dispatcher to prioritize trunked resources on the system as either normal or tactical. A dispatcher can change the priority of a trunked resource to tactical to give the resource a better chance of gaining communication access on a busy system. Only emergency calls have a higher priority than tactical.

When the System Access Priority Select status of a resource is changed, it is updated at all dispatch consoles in the systems that are monitoring that trunked resource.

3.2.8.3 Using the Multi-Select Feature

The Multi-Select feature allows a dispatch position to define groups of selected radio resources. When a Multi-Select group is opened, all of the resources in the group are simultaneously selected. Resources can be added or removed from a Multi-Select group while the group is open. The dispatcher can transmit on several resources simultaneously or can listen to multiple resources simultaneously in their headset or select speakers.

3.2.8.4 Standard Call Indications

The dispatch position indicates the availability of any given resource, regardless of whether the resource is involved in a transmission. An inbound call indication provides the dispatcher with a visual cue of audio activity on a radio resource and allows a dispatcher to see at a glance what the status of a resource is at any moment.



3.2.8.5 Call Alerting

A dispatcher can use Call Alert to page an unattended radio or dispatch position through a series of beeps and an indication of the sender's ID. When available, the radio user or dispatcher sees the unit ID of the calling dispatch console or radio ID and is able to return the call.

Additionally, a Call Alert can trigger an activity. For instance, a Call Alert may cause a vehicle's horn to sound and its lights to flash. The dispatcher can even send a Call Alert to a user who is involved in voice and data communications over the network.

3.2.9 Enhanced Integrated Instant Recall Recorder (IRR)

The Enhanced IRR is seamlessly integrated with the dispatch position's software, allowing audio and call data from any radio or telephony resource to be recorded and easily played back. Call data includes PTT IDs, name of resource, start time and date, and stop time and date.

3.3 Incorporating Console Configuration and Management

The proposed console system is configured and managed by the same configuration manager, fault manager, and performance reporting applications as the radio system. The user can define exactly which resources are available and how they are presented to the dispatcher. This provides the Customer with a single point for configuring and managing the entire ASTRO® 25 system. Changes are automatically distributed throughout the system.

This centralized approach saves valuable time and effort for system administrators and technicians and reduces the errors that can occur when radio IDs and other data are entered at multiple locations. In addition, call traffic and performance reports for each dispatch position can be generated from the system's network manager, enabling administrators to quickly and easily ensure optimal effectiveness and efficiency.

3.4 Dispatch Console Solution Components

The proposed components are connected together and to the rest of the ASTRO® 25 system on an IP network through console site routers and switches. The console functions as an integrated component of the total radio system and fully participates in system-level features, such as end-to-end encryption.

The console connects directly to the radio system's IP transport network. Audio processing, encryption, and switching intelligence for dispatch are performed within each software-based dispatch position without additional centralized electronics.

Since the network is IP-based, the system interfaces and components can be distributed physically throughout the network. Some of the available console components are identified below.



3.4.1 CommandCentral AXS Dispatch Console Operator Position

The dispatch position supports multiple peripheral accessories, including a USB microphone, USB headset, and USB footswitch. The following list describes the components included in the proposed configuration.

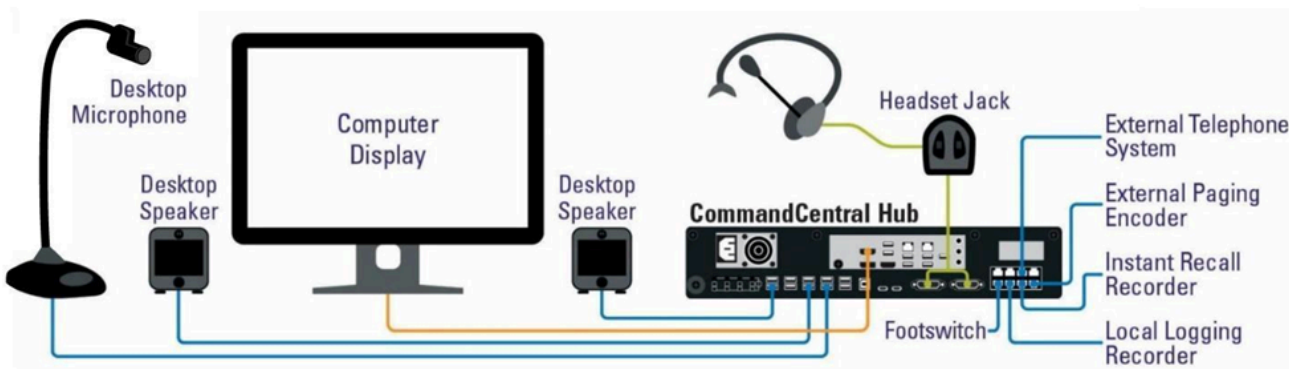


Figure: CommandCentral AXS Dispatch Console Accessories Example

3.4.1.1 Computer Display

The Customer will provide a computer display for each dispatch console.

3.4.1.2 CommandCentral Hub (CC Hub)

The CommandCentral Hub (CC Hub) is the platform on which the CommandCentral AXS Dispatch Console operates. The CC Hub contains a number of analog inputs and outputs for connecting various peripheral devices as well as a workstation class computer motherboard.

The PC that is internal to the CC Hub will be programmed with a Microsoft Windows based operating system (OS) image developed for the dispatch application.

One (1) CC Hub per position is included in this proposal.

3.4.1.3 Desktop Speakers

Three (3) audio speakers have been included with each dispatch position and can be configured to transmit audio from a specific talkgroup or set of talkgroups. Each speaker is a self-contained unit, with individual volume controls, and can be placed on a desktop or mounted on a rack or computer display. These will be used for Select, Unselect and IRR.

3.4.1.4 Headset Jack

The dispatch position supports up to two headset jacks, both push-to-talk (PTT) and non-PTT-enabled, for simultaneous use by the dispatcher and a supervisor. The headset jack contains two volume controls for the separate adjustment of received radio and telephone audio. **Two (2) headset jack-boxes per position have been included for all positions in this proposal.**

3.4.1.5 Headset

The proposed headset consists of two elements. The headset base includes an audio amplifier, a Push-to-Talk switch, and a long cord that connects to the dispatch position. The headset top consists of the earpiece and microphone as well as a short cable that connects to the headset base.

Sacramento Regional Fire and EMS Communications Center will provide the headsets.

3.4.1.6 Gooseneck Microphone

The microphone controls the dispatch position's general transmit and monitor features through two buttons on its base. The microphone can be fastened down or left loose. It can be used alone or in conjunction with a headset. **One (1) microphone per position has been included.**

3.4.1.7 Footswitch

Each dispatch position **includes one (1) dual pedal footswitch** that controls general transmit and monitor functions.

3.4.1.8 Telephone/Headset Interface Port

The telephone/headset port provides a connection for an external telephone to the dispatch position. This allows the operator to use a single headset to communicate on both the radio system and an external telephone system.

3.4.1.9 External Paging Encoder Port

The external paging encoder port provides a connection for an optional external tone paging encoder to provide tone paging services via the dispatch console. Analog paging tones generated by the encoder are transmitted by the dispatch console on the selected trunked and/or conventional radio resource(s).

3.4.1.10 Local Logging Recorder Port

As an alternative or supplemental approach to an audio logging subsystem, the analog output port on the CommandCentral Hub allows an optionally available external logging recorder to be connected to a dispatch console. Long-term audio recording is used to record a portion of the inbound and outbound audio present on a specific dispatch position. These recordings are typically archived for long-term storage, and provide a historical record of the radio communications made at a given dispatch position.

The analog output port can be configured to log any combination of these audio sources, such as:

- Audio received from a currently selected radio.
- Microphone audio being transmitted by this dispatcher to the currently selected or unselected radio resources.
- Any tones generated by the dispatch position that appear in its speakers (trunking tones, emergency tones, etc.) or tones generated by an external paging encoder.

3.4.1.11 Private Aux I/O Port

The dispatch console supports four Private Aux I/O relays located on the CommandCentral Hub of the dispatch position. Each relay can be configured to support any one of the five functions or it can be configured to be unused.



- Call on Selected Channel.
- Op PTT.
- Emergency Beacon.
- Activate Private Relay when Public Aux I/O is Active.
- Select Phone Off Hook Relay.

3.4.1.12 Redundant Ethernet Connection

The redundant Ethernet connections increase console availability by protecting against the loss of multiple dispatch positions. In the event of a LAN switch failure, the system will automatically detect and switchover with no manual intervention required. Dispatching operations will not be interrupted.

3.5 Console Configuration

3.5.1 Number of Dispatch Consoles and Locations

The CommandCentral AXS dispatch console consists of the CommandCentral Hub running on a Windows Operating System, while the GUI is displayed on the Edgeweb browser. The proposed solution provides Customer with the following dispatch consoles at the indicated locations:

Number of Dispatch Consoles	Location Name
Six (6) CommandCentral AXS Consoles	Sacramento Regional Fire and EMS Communications Center

3.5.2 Dispatch Console Hardware

The CommandCentral AXS dispatch console solution can be enhanced through dispatch peripherals, such as speakers, microphone, headset jack, and footswitch. These peripherals are designed for 24/7 usage without degradation in performance or reliability.

The CommandCentral AXS dispatch console position features the following hardware elements:

- One (1) CommandCentral Hub.
- One (1) Monitor – Customer provided.
- Three (3) Speakers (select, unselect and IRR).
- One (1) Microphone.
- One (1) Headset – Customer provided.
- One (1) Headset base.
- Two (2) Headset jackboxes.
- One (1) Footswitch.

Further accessory specifications are available at Motorola Solutions' website.

3.5.3 AXS Services

AXS support services are aligned with the MCC 7500E support services.



Section 4

System Diagram

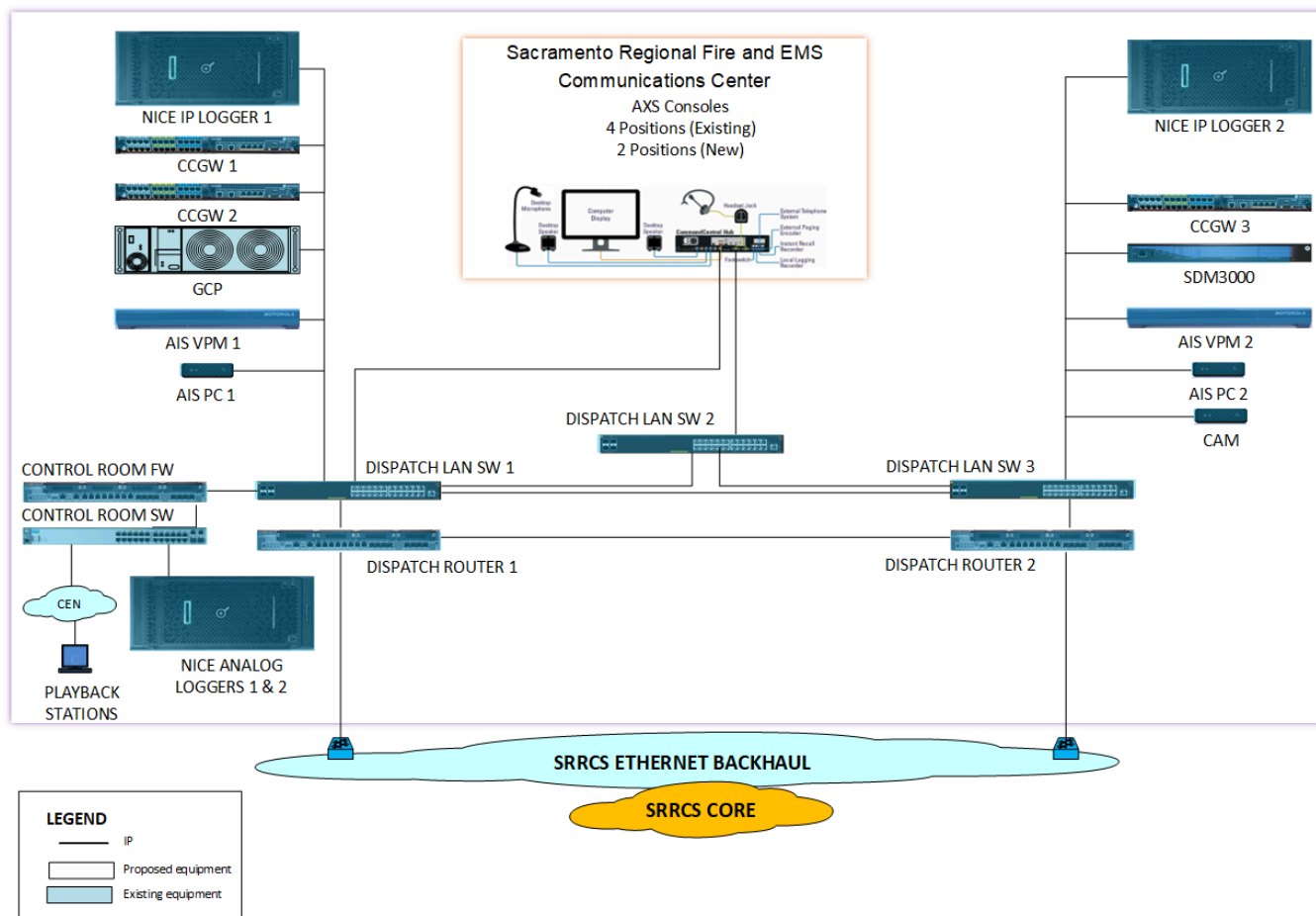


Figure: System Diagram - Sacramento Regional Fire and EMS Communications Center

Section 5

Implementation Statement of Work

5.1 Overview

This Statement of Work (SOW) describes the deliverables to be furnished to Sacramento Regional Fire and EMS Communications Center. The tasks described herein will be performed by Motorola Solutions, its subcontractors, and Sacramento Regional Fire and EMS Communications Center to implement the solution described in the System Description. It describes the actual work involved in installation, identifies the installation standards to be followed, and clarifies the responsibilities for Motorola Solutions and Sacramento Regional Fire and EMS Communications Center during the project implementation. Specifically, this SOW provides:

- A description of the responsibilities for Motorola Solutions and the Sacramento Regional Fire and EMS Communications Center.
- A preliminary implementation timeline.
- The assumptions taken into consideration during the development of this project.

This SOW provides the most current understanding of the work required by all parties to ensure a successful project implementation. In particular, Motorola Solutions has made assumptions of the sites to be used for the new system. Should any of the sites change, a revision to the SOW and associated pricing will be required. It is understood that this SOW is a working document, and that it will be revised as needed to incorporate any changes associated with contract negotiations, and any other change orders that may occur during the execution of the project.

5.2 Responsibility Matrix

Motorola Solutions will use a phased approach for successfully implementing the Sacramento Regional Fire and EMS Communications Center's system.

These phases are broken down by:

- Project Initiation
- System Installation
- System Optimization and Testing



Tasks	Motorola Solutions	Sacramento Regional Fire and EMS Communications Center
PROJECT INITIATION		
Contract Finalization and Team Creation		
Execute contract and distribute contract documents.	X	X
Assign a Project Manager as a single point of contact.	X	X
Assign resources.	X	X
Schedule project kickoff meeting.	X	X
Deliverable: Signed contract, defined project team, and scheduled project kickoff meeting.		
Project Administration		
Ensure that project team members attend all meetings relevant to their role on the project.	X	X
Set up the project in the Motorola Solutions information system.	X	
Record and distribute project status meeting minutes.	X	
Maintain responsibility for third-party services contracted by Motorola Solutions.	X	
Complete assigned project tasks according to the project schedule.	X	X
Submit project milestone completion documents.	X	
Upon completion of tasks, approve project milestone completion documents within 7 to 10 business days.		X
Conduct all project work Monday thru Friday, 8 a.m. to 5:00 p.m. local time with the exception of Motorola Solutions' and the Customer's holidays.	X	
Deliverable: Completed and approved project milestones throughout the project.		
Project Kickoff		
Introduce team, review roles, and decision authority.	X	X
Present project scope and objectives.	X	
Review SOW responsibilities and project schedule.	X	X
Schedule Design Review. Customer Design Review will take place within 14 days of contract execution.	X	X
Deliverable: Completed project kickoff and scheduled Design Review.		
Design Review		
Review Sacramento Regional Fire and EMS Communications Center's operational requirements.	X	X
Present the system design and operational requirements for the solution.	X	
Present the preliminary installation plan.	X	
Present preliminary cutover plan and methods to document final cutover process.	X	
Present configuration and details of sites required by system design.	X	



Tasks	Motorola Solutions	Sacramento Regional Fire and EMS Communications Center
Validate that Sacramento Regional Fire and EMS Communications Center's site can accommodate proposed equipment.		X
Provide all approvals required to add the proposed equipment at the proposed sites.		X
Review safety, security, and site access procedures.	X	
Present equipment layout plans and system design drawings.	X	
Provide backhaul performance specifications and demarcation points.	X	
Provide heat load and power requirements for new equipment.	X	
Provide information on existing system interfaces.		X
Provide frequency and radio information for each site.		X
Assume liability and responsibility for providing all information necessary for complete installation.		X
Assume responsibility for issues outside of Motorola Solutions' control.		X
Review and update design documents, including System Description, Statement of Work, Project Schedule, and Acceptance Test Plan, based on Design Review agreements.	X	
Provide minimum acceptable performance specifications for customer provided hardware, software, LAN, WAN, and internet connectivity.	X	
Execute Change Order in accordance with all material changes to the Contract resulting from the Design Review.	X	
Deliverable: Finalized design documentation based upon "frozen" design, along with any relevant Change Order documentation.		
SYSTEM INSTALLATION		
General Facility Improvements		
Provide adequate HVAC, grounding, lighting, cable routing, and surge protection based upon Motorola Solutions' Standards and Guidelines for Communication Sites (R56).		X
Ensure the resolution of environmental and hazardous material issues at each site including, but not limited to, asbestos, structural integrity (tower, rooftop, water tank, etc.), and other building risks.		X
Ensure that electrical service will accommodate installation of system equipment, including isolation transformers, circuit breakers, surge protectors, and cabling.		X
Provide obstruction-free area for the cable run between the demarcation point and system equipment.		X
Provide structure penetrations (wall or roof) for transmission equipment (e.g., antenna coaxial cables, waveguide for microwave radios, control station antennas etc.).		X
Supply interior building cable trays, raceways, conduits, and wire supports.		X
Correct any R56 deficiencies.		X



Tasks	Motorola Solutions	Sacramento Regional Fire and EMS Communications Center
Equipment Order and Manufacturing		
Create equipment order and reconcile to contract.	X	
Manufacture Motorola Solutions-provided equipment necessary for the system based on equipment order.	X	
Procure non-Motorola Solutions equipment necessary for the system.	X	
Deliverable: Equipment procured and ready for shipment.		
Equipment Shipment & Field System Staging		
Ship all equipment needed for field staging.	X	
Provide a secure, temperature-controlled location for solution equipment.		X
Receive solution equipment.		X
Inventory the equipment with serial numbers and installation references.	X	
Provide information on existing system interfaces, room layouts, or other information necessary for the assembly to meet field conditions.		X
Set up and rack the solution equipment on a site-by-site basis, as it will be configured in the field at each of the sites.	X	
Cut and label the cables with to/from information to specify interconnection for field installation and future servicing needs.	X	
Complete the cabling/connecting of the subsystems to each other ("connectorization" of the subsystems).	X	
Assemble required subsystems to assure system functionality.	X	
Power up, load application parameters, program, and test all staged equipment.	X	
Confirm system configuration and software compatibility with the existing system.	X	
Inventory the equipment with serial numbers and installation references.	X	
Review and approve proposed Acceptance Test Plan.		X
Perform functional acceptance tests of system features.	X	
Conduct site and system level testing.	X	
Deliverable: Solution equipment received.		
Deliverable: System staged and ready to be transported for installation.		
General Installation		
Coordinate receipt of and inventory solution equipment with designated contact.	X	
Install all proposed fixed equipment as outlined in the System Description based upon the agreed-upon floor plans, connecting audio, control, and radio transmission cables to connect equipment to the power panels or receptacles, and audio/control line connection points. Installation performed in accordance with R56 standards and state/local codes.	X	



Tasks	Motorola Solutions	Sacramento Regional Fire and EMS Communications Center
Provide connectivity test results to confirm specification compliance before equipment installation. - Layer 3 MPLS equipment is recommended for all links. - Provide 24-hour test compliance, per Motorola specification. - Provide IT contact representative for backhaul-related requirements.		X
Provide system interconnections that are not specifically outlined in the system design, including dedicated phone circuits or other types of connectivity.		X
Reuse existing network cables between site routers and network demarcation points, including microwave, leased lines, and Ethernet. Unless noted otherwise in the proposal, network cable lengths are assumed to be 25 feet or less, and to be run within the same equipment room. Two network cables are assumed to be available per console.	X	
Install two (2) CAT 6 cables per console position for the two (2) new console add ons.	X	
Ensure that Type 1 and Type 2 AC suppression is installed to protect installed equipment.		X
Connect the installed equipment to the provided ground system within 15-feet.	X	
Label Motorola-supplied equipment, racks, and cables.	X	
Note any required changes to the installation for inclusion in the "as-built" system documentation.	X	
Decommission & remove old console equipment.		X
Transport old console equipment to main dispatch.		X
Site Link Assessment		
Verify site link performance, prior to the interconnection of the solution equipment to the link equipment. Site links will be tested once. If the links do not pass the audit, a change order will be processed to perform link audits a second time after Sacramento Regional Fire and EMS Communications Center resolves the link issues and prior to cutover.		X
AXS Console Installation and Configuration		
Provide console furniture and make room for new console installation.		X
Verify backhaul connectivity and associated equipment (such as MPLS) for all sites to meet latency, jitter, and capacity requirements. These may include dedicated phone circuits, microwave links, or other types of connectivity.	X	
Verify existing Ethernet cables between Console positions and backroom equipment are in good condition. Motorola will review the results with Sacramento Regional Fire and EMS Communications Center.	X	
Verify there are adequate UPS and/or power receptacles available at each console position. Motorola will review the results with Sacramento Regional Fire and EMS Communications Center.	X	



Tasks	Motorola Solutions	Sacramento Regional Fire and EMS Communications Center
Provision and wiring of additional AC circuits/feeds/breakers/receptacles, and cover any upgrade of the amperage of the utility service into the proposed facility, where needed.		X
Verify the backroom equipment, including switches, routers, CCGWs, AUX I/Os, loggers, and their related equipment, as well as the control room firewall, to ensure they exist and are in good condition.	X	
Connect (6) AXS consoles to circuit demarcation points.	X	
Install the proposed equipment at each location, as defined by the equipment list and system description.	X	
Install peripheral console equipment as mentioned in the system description in accordance with R56 standards and state/local codes where applicable.	X	
Develop up to two (2) templates for console programming.	X	
Perform console programming and configuration on six (6) AXS consoles.	X	
Verify backhaul connectivity between the Console site and ASTRO System Core.	X	
Provision Consoles on the existing ASTRO System.	X	
Perform functionality test of the consoles as described in the FATP section.	X	
Document and provide test results.	X	
Review and approve test results.		X
Remove and decommission existing four (4) MCC7500 consoles.		X
Transport MCC7500 consoles to main dispatch.		X
Deliverable: Console equipment installation completed.		
SYSTEM OPTIMIZATION AND TESTING		
R56 Site Audit		
Perform R56 site-installation quality-audits, verifying proper physical installation and operational configurations.	X	
Create site evaluation report to verify site meets or exceeds requirements, as defined in Motorola Solutions' R56 Standards and Guidelines for Communication Sites.	X	
Deliverable: R56 Standards and Guidelines for Communication Sites audits completed successfully.		
Solution Optimization		
Verify that all equipment is operating properly and that all electrical and signal levels are set accurately.	X	
Verify that all audio and data levels are at factory settings.	X	
Verify communication interfaces between devices for proper operation.	X	



Tasks	Motorola Solutions	Sacramento Regional Fire and EMS Communications Center
Ensure that functionality meets manufacturers' specifications and complies with the final configuration established during design review or system staging.	X	
Reconfigure and re-optimize third-party equipment that is not part of the Motorola Solutions scope of work.		X
Deliverable: Completion of System Optimization.		
Functional Acceptance Testing		
Verify the operational functionality and features of the solution supplied by Motorola Solutions, as contracted.	X	
Witness the functional testing.		X
Document all issues that arise during the acceptance tests.	X	
If any major task for the system as contractually described fails during the Customer acceptance testing or beneficial use, repeat that particular task after Motorola Solutions determines that corrective action has been taken.	X	
Resolve any minor task failures before Final System Acceptance.	X	
Document the results of the acceptance tests and present for review.	X	
Review and approve final acceptance test results.		X
If any major task as contractually described fails, repeat that particular task after Motorola Solutions determines that corrective action has been taken.	X	
Document all issues that arise during the acceptance tests.	X	
Document the results of the acceptance tests and present to the Customer for review.	X	
Resolve any minor task failures before Final System Acceptance.	X	
Deliverable: Completion of functional testing and approval by Customer.		
AXS Console Training		
Finalize schedule for training coursework.	X	
Provide a training facility.		X
Ensure that the training participants fulfill course prerequisites.		X
Conduct the training classes outlined in the Training Plan.	X	
Attend proposed training classes.		X
Deliverable: Training coursework completed.		
Cutover		
Finalize Cutover Plan.	X	X
Conduct a cutover meeting with relevant personnel to address both how to mitigate technical and communication problem impacts to the users during cutover and during the general operation of the system.	X	



Tasks	Motorola Solutions	Sacramento Regional Fire and EMS Communications Center
Notify the personnel affected by the cutover of the date and time planned for the cutover.		X
Provide ongoing communication with users regarding the project and schedule.	X	X
Cutover users and ensure that user radios are operating on the system.		X
Resolve punch list items, documented during the Acceptance Testing phase, in order to meet all the criteria for final system acceptance.	X	
Assist Motorola Solutions with resolution of identified punch list items by providing support, such as access to the sites, equipment and system, and approval of the resolved punch list items.		X
Deliverable: AXS consoles completed, and punch list items resolved.		
Finalize Documentation and System Acceptance		
Provide manufacturer's installation material, part list and other related material to Customer upon project completion.	X	
Provide an electronic as-built system. This will include the following: - Site Block Diagrams. - Site Floor Plans. - Site Equipment Rack Configurations. - Functional Acceptance Test Plan Test Sheets and Results. - Equipment Inventory List. - Console Programming Template (where applicable). Drawings will be delivered in Adobe PDF format.	X	
Receive and approve documentation.		X
Execute Final Project Acceptance.	X	X
Deliverable: All required documents are provided and approved. Final Project Acceptance.		

5.3 Assumptions

The following assumptions remain in need of review and verification as of the submission of this proposal. These assumptions affect the scope of responsibilities to ensure ancillary systems and facilities are fully prepared to support the solution contained in this proposal. Motorola Solutions will work with the Sacramento Regional Fire and EMS Communications Center to determine the validity of these assumptions and determine the increased scope for which Motorola and/or customer is responsible. Should Sacramento Regional Fire and EMS Communications Center prefer Motorola to assume responsibility for the increased scope, Motorola will prepare and submit to Sacramento Regional Fire and EMS Communications Center a revised proposal or change order reflecting the revised scope, cost, and project implementation.

- A Performance Bond is not required.
- Union Labor is not required.
- Prevailing Wages are not required.



- All existing sites or equipment locations will have sufficient space available for the system described as required/specified by R56.
- All existing sites or equipment locations will have adequate electrical power in the proper phase and voltage, and site grounding to support the requirements of the system described.
 - Electrician services are not included.
- Any site/location upgrades or modifications are the responsibility of Sacramento Regional Fire and EMS Communications Center.
- All communication sites can be accessed with a 4-wheel drive vehicle. Anything beyond the use of a 4-wheel drive vehicle will require a change order to capture the additional cost.
- Interfacing to third-party equipment or applications is not a part of this proposal.
- Approved FCC/FAA licensing is the responsibility of Sacramento Regional Fire and EMS Communications Center.
- Approved local, State, or Federal permits as may be required for the installation and operation of the proposed equipment are the responsibility of the Sacramento Regional Fire and EMS Communications Center.
- Any required system interconnections not specifically outlined here will be provided by the Sacramento Regional Fire and EMS Communications Center. This may include dedicated phone circuits, microwave links, or other types of connectivity.
- Portables and mobiles used for FATP will be provided by Sacramento Regional Fire and EMS Communications Center.
- Motorola Solutions is not responsible for interference caused or received by the Motorola Solutions-provided equipment except for interference that is directly caused by the Motorola Solutions-provided transmitter(s) to the Motorola Solutions-provided receiver(s). Should the Sacramento Regional Fire and EMS Communications Center's system experience interference, Motorola Solutions can be contracted to investigate the source and recommend solutions to mitigate the issue.
- All sites are assumed to be land-accessible and no special transportation such as helicopter and the like is required to gain site access.
- Motorola Solutions will not perform any work on non-Motorola Solutions owned equipment.
- Subscriber reprogramming efforts are not part of the scope of work.
- Any Customer-owned equipment or site/location upgrades or modifications are the responsibility of the Sacramento Regional Fire and EMS Communications Center.
- Motorola Solutions assumes installation of the AXS to be similar to the MCC configuration. MCC 7500x console templates and layouts can be reused to create similar AXS console template layouts. Any additional enhancement can be accommodated via a change order or an updated quote if necessary.
- Subscriber reprogramming efforts are not part of the scope of work.
- The telephony feature on AXS is not currently available. It is expected in a future release and will be quoted separately.
- The existing Console Alias Manager (CAM) will be reused with the new Consoles.
- This proposal does not include any new racks. The existing site controller will be reused.
- This proposal includes new footswitches and console accessories excluding the monitors and headsets. **New monitors and headsets will be provided by the Sacramento Regional Fire and EMS Communications Center.**
- This proposal does not include an interface to the Dispatch Light Pole interface at dispatch centers. An alternate power supply will be needed to power those devices.
- Console expansion licenses for 6 AXS consoles are included.
- This proposal does not include any new consolettes, antennas, or lines.



- Existing Archiving Interface Server (AIS), logging recorder and playback stations will be reused.
- No new logging recorder or interface equipment is provided as part of this proposal. Should the logging solution need any configuration changes, hardware, or software updates, it will be the Sacramento Regional Fire and EMS Communications Center's responsibility.
- Motorola Solutions has not made any provisions in its design for connection of third-party systems to its dispatch hardware, which includes but is not limited to:
 - Computer Aided Dispatch (CAD).
 - Telephone Interconnect (911 audio arbitration is provisioned).
 - Fire Station Alerting (FSA).
- The Sacramento Regional Fire and EMS Communications Center is responsible for providing a high-speed internet connection for downloading the software updates directly to the CommandCentral AXS Dispatch Console subsystem, if needed.
- Console Administrator and operator training is included.
- Spare CommandCentral Hub, headset jackboxes, speakers and microphone are included.
- The network performance requirements are additive and can be combined among all the link segments, from source to destination.
 - Link Latency:
 - Trunked repeater site to Dispatch site: 100ms; late join < 92ms.
 - Dispatch site to Trunked Repeater site: 70ms; late join < 37ms.
 - Jitter:
 - The jitter budget needs to be kept to 20 ms* or less.
*Jitter limits mentioned above are a 99th percentile value and are based on Y.1564 method of calculation.
 - Packet Loss:
 - Packet loss is defined per RFC 2680. The specification for end-to-end packet loss is no more than 0.01%.
 - Recommended MTU size 2048. At the very least, support jumbo frames (no fragmentation).
 - Committed information Rate.
 - Motorola recommends allocating at least 5 Mbps throughput on the links dedicated for ASTRO traffic. The bandwidth specifications will be further discussed during the customer design review process.
- There are sufficient LAN ports in the existing Dispatch LAN Switches.
- No fleetmapping services are included in this proposal.
- There is no coverage guarantee, nor any coverage measurements included in this proposal.
- AES or any type of encryptions are not included in this proposal.
- Over-the-Ethernet Keying (OTЕК) is not included in this proposal.
- Dispatch Assist is not included in this proposal.
- Any changes in design, scope, and schedule would be handled through a change order process.
- The project schedule and scope assume that Sacramento Regional Fire and EMS Communications Center will deliver all necessary information, requirements, and approvals for the dispatch location prior to the commencement of work. This upfront provision is critical and any delayed information could impact the overall project timeline.
- Any changes in design, scope, and schedule would be handled through a change order process.



5.4 Field Acceptance Plan

5.5 AXS Consoles - Field Acceptance Test Plan

5.5.1 Acceptance Test Plans

The following tests will be conducted on the AXS consoles to demonstrate the functionality and performance:

- Active Microphone Selection.
- CC HUB Redundant Network Interface Options (if applicable).
- CC HUB Local AuxIO.
- Emergency alarm and Call Display Description.
- Enable Minimum Volume Control.
- Instant Recall Recorder (IRR) Operation.
- Trunking Private Call.
- Trunking Secure Private Call.
- Activity Log.
- Console Priority.
- Talkgroup Patch.
- Talkgroup Patch - Secure.
- Talkgroup Selection and Call.
- Talkgroup Selection and Call - Secure.
- Default Alert Tones available for Transmission.

5.5.2 Excluded Testing

- Component Level Testing: Each component of the system undergoes testing at the point of manufacture of that component. The FAT is concerned with testing overall system level functionality and performance and component level testing is not replicated during the FAT.
- EMC Compliance: EMC regulatory compliance has been established at component level, and the FAT will not measure EMC behavior.
- Capacity or Loaded System Performance: Testing to ensure that the system meets its capacity and loaded system performance requirements is conducted during Motorola Solutions' product development process using specialized system loading and simulation tools. It is not replicated during an FAT.

5.6 Preliminary Project Schedule

Motorola Solutions' preliminary schedule indicates total project implementation to be approximately 6-8 months pending supply chain availability at time of purchase. This preliminary schedule is included for informational purposes only and assumes that all Sacramento Regional Fire and EMS Communications Center responsibilities as defined above are completed, as required. If site improvements or site approvals are needed these must be completed prior to equipment shipping to the field.



5.7 Change Order Process

Either Party may request changes within the general scope of this Agreement. If a requested change causes an increase or decrease in the cost, change in system configuration or adds time to the project's timeline required to perform this Agreement, the Parties will agree to an equitable adjustment of the Contract Price, Performance Schedule, or both, and will reflect the adjustment in a change order. Neither Party is obligated to perform requested changes unless both Parties execute a written change order.



Section 6

Training Plan

6.1 Training Overview

Partnering with Motorola Solutions will enable Sacramento Regional Fire and EMS Communications Center to build personnel competency and maximize return on investment.

Effective training ensures successful implementation and use of your communications system by all personnel for the life of the system. The training plan furnished to Sacramento Regional Fire and EMS Communications Center consists of targeted coursework developed and delivered by our expert instructors. This plan, included below, will effectively provide Hall County's personnel with a comprehensive understanding of the proposed system and user equipment.

We will collaborate with Sacramento Regional Fire and EMS Communications Center to tailor a final training plan to enable Hall County's organization to operate, configure, and manage the proposed solution effectively and efficiently.



6.2 Motorola Solutions Training

Motorola Solutions provides an expanding portfolio of training delivery methods, tools, and courses to support the training needs of our customers. The figure below shows the elements of our training methodology that qualify us as the trusted provider in the communications training industry.

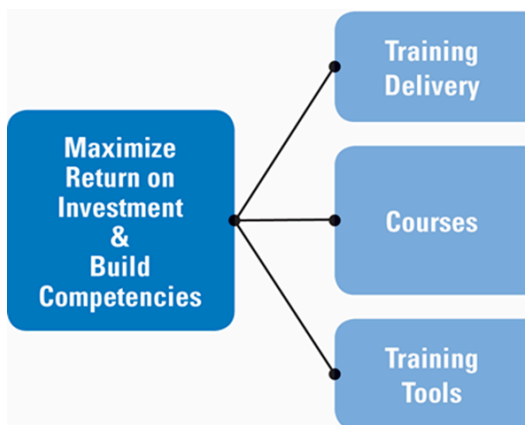


Figure: Build the competencies of the Sacramento Regional Fire and EMS Communications Center PD personnel and enhance operational efficiency with Motorola Solutions' expanding portfolio of training delivery methods, tools, and courses.



6.2.1 Training Delivery

6.2.1.1 Training Methods

Motorola Solutions' training experience and expertise enables our customers to gain the training they need to use during emergencies in a variety of methods. As shown in the figure below, we offer three interactive methods of training: Online Self-Paced, Virtual Instructor-Led, and Instructor-Led.



Figure: Motorola Solutions offers a variety of interactive training methods that cater to different learning techniques, allowing more effective ways to give personnel the skills they need.

These training approaches enable our customers to receive the information they need for the practical aspects of their jobs.

6.2.1.2 Delivery Options

6.2.1.2.1 Field

Field class delivery is "tailored" to the customer's specific system. We are providing classes which are not offered as standard "Open Resident" classes at our training facilities. The students benefit from working on their own systems, at their home location and within their schedules.

6.2.1.2.2 Motorola Solutions Facility

Resident classes are open to all Motorola Solutions- customers, seating is based on availability, and participant guides and required pre-work when applicable are included in the tuition. These courses are comprehensive and are not tailored to any one customer's system. Students benefit from other students' experiences and are allowed to take systems out of service. These courses provide optimal "hands-on" training.

6.2.1.2.3 *Motorola Solutions Facility Closed Sessions-Customer Specific*

Special Resident classes are closed sessions for a particular Motorola Solutions Customer. The customer is essentially renting the classroom. These courses are tailored to the Customer's system as much as possible. The instructor will require the customer's system diagrams prior to the class taking place. The students will receive their ASTRO 25 IV&D manuals on CD-ROM and hard copy participant guides. Class manuals, participant guides, and required pre-work are included in the pricing of the class per student. The students are allowed to take systems out of service, which provides optimal "hands-on" training.

6.2.1.2.4 *Motorola Solutions Instructors*

We have approximately 40 instructor resources distributed across North America. These instructors are available to train customers in our Technical Training Center located in Schaumburg, Illinois, while specific training courses are available at our facility in Plantation, Florida. Training can also be delivered directly on-site at customer locations. All instructors undergo an Instructional Skills and Technical Knowledge Program, which is a globally-recognized training and instructor assessment program.

6.2.1.2.5 *Consultative Services*

Motorola Solutions provides consultative services for our customers, which includes personalized training plans and other training-related services. Our dedicated training consultant team works with our customers and Motorola Solutions account teams to identify and meet the training needs of technical, administrative end users, and other audiences.

6.2.2 **Training Courses**

Motorola Solutions offers a wide range of training courses to help our customers improve their proficiency with our expanding portfolio and get the most from their training system.

Our specialized courses/curriculums are designed for our customers' role. Whether they are an administrator, technician or user, Motorola Solutions provides our customers with foundational and advanced skills training.

General overviews of product and/or solution training offered are listed below:

6.2.2.1 **Foundational Radio and Networking Training**

Foundational Radio and Networking training provides new hires or staff from different skilled backgrounds fundamental knowledge. Some of these courses are online/self-paced while others are instructor led. Some topics include: Radio System Basics, Basic Networking, Communication System Concepts, Networking Essentials and Applied Networking. This allows Motorola Solutions to offer training before installation, during installation and after your solution is operational.

6.2.2.2 **ASTRO 25 Infrastructure Training Courses**

ASTRO 25 Infrastructure Training provides participants with a robust curriculum that will enable them to maintain/service the new solution, and will give them the skills required to manage and operate the solution to optimize its fullest potential and capabilities.



6.2.2.3 ASTRO 25 Patch Management Training Course

ASTRO 25 Patch Management Training provides ASTRO 25 Land Mobile Radio (LMR) system administrators the information needed to access and patch their radio network infrastructure, update antivirus definitions, and review log files.

6.2.2.4 Console Training Courses

Console Training provides participants with a curriculum that will enable them to obtain a high-level understanding of the system configuration, general console operation, how to perform basic tasks, operating procedures for specific features, and the knowledge and skills necessary to manage and maintain the system.

6.2.2.5 Mobile and Portable Radio Training Courses

Mobile and Portable Radio Training provides participants with an introduction to the radio, the knowledge and skills necessary to perform basic radio operation, common operational tasks, operating procedures for specific features of the radio, and technical programming and maintenance of radios.

6.2.2.6 MOTOTRBO Training Courses

MOTOTRBO Training provides participants with a robust curriculum that will enable them to maintain/service the new solution, and provides the information required to manage and operate the solution to optimize its capabilities.

6.2.2.7 CallWorks Training Courses

CallWorks Training provides participants with an overview of the components and functionality of the main application, operation, troubleshooting, a high-level understanding of the software, and configuration and maintenance of components of the CallWorks solution.

6.2.2.8 PremierOne Training Courses

PremierOne Training provides participants with knowledge of the PremierOne solution and its tools, giving them the information necessary to operate and maintain the PremierOne solution.

6.2.2.9 LTE Training Courses

LTE Training provides participants a high-level understanding of the Public Safety LTE system and the network elements that comprise the system. Participants will receive knowledge of LTE architecture, signaling, system administration, and applied networking.

6.2.2.10 WAVE Training Courses

WAVE Training provides participants with an overview of the WAVE solution. It offers a basic understanding of how WAVE delivers a Radio-over-IP solution; describes features, hardware, and software requirements; how to use applications; and provides instruction in designing, integrating, and troubleshooting the WAVE solution.



6.2.3 Training Tools

6.2.3.1 Training Kits

Training kits are valuable suitcase equipment, labs and exercises that apply to some of the ASTRO, MOTOTRBO, WAVE and LTE solutions. These kits are used in addition to equipment, in order to prevent solution downtime while training is conducted. As part of specific on-site classes, shown in the table below, kits are included and shipped to our customers to allow students an in-depth, hands-on experience.

Table: Field Classes Training Kit Availability

Field Classes Training Kit Availability	
Networking Essentials	Server Virtualization
Applied Systems Networking	WAVE Certified Integration Engineer
Domain Controller	MOTOTRBO™ Systems Applied Networking

6.2.3.2 Tracking and Evaluation

All customer training is tracked and evaluated. The Project Manager and training team tracks and records all courses completed through the implementation of the project. Surveys are given to trainees to evaluate the trainers. Feedback is given and placed on our customer shared website.

6.2.3.3 End User Training Kit (EUTK)

The End User Training Kit is a knowledge-transfer tool designed to accelerate learning through configurability. Using the EUTK allows trainers to configure user/operator training to match unique button, feature programming, and displays provided in the system and radio codeplug. These tailored materials are developed by Motorola Solutions trainers using training kits that allow customer trainers to modify training materials when radio or console features change. Personnel are taught how to maneuver through and tailor the EUTK screens. The tailored selections are saved to an electronic file that the Motorola Solutions training team provides to the customer.

For a more detailed view of the training Motorola Solutions provides, please see our Product and System Technical Training Course Catalog:

<https://www.motorolasolutions.com/content/dam/msi/docs/learn/north-america-training-catalog.pdf>
Product and system technical training course catalog



6.3 Proposed Training Overview for Sacramento Regional Fire and EMS Communications Center

In order to achieve the training goals identified by Sacramento Regional Fire and EMS Communications Center, we propose the following courses.

It is necessary that participants bring their laptop computers for all system administrator and technician classes. Materials will be delivered electronically.

Note: The Customer's installed and operational system is required for training.

6.3.1 Console Operator and Supervisor Training Plan

Course Title	Target Audience	Sessions	Duration	Location	Date	Participants
CommandCentral AXS Dispatch Console ADMIN and CommandCentral AXS Dispatch 6 training consoles Ratio: 2 per training console (Instructor-led)	Console Supervisors	2 (8-hour Sessions)	2 days	Sacramento, CA	Prior to training Operators	10 (8 per Session)
CommandCentral AXS Dispatch Console Operator 6 training consoles Ratio: 2 per training console (Instructor-led)	Console Operators	5 (4-hour Sessions)	2.5 days	Sacramento, CA	Prior to Cutover	40 8 per Session)



6.3.2 Course Descriptions for Sacramento Regional Fire and EMS Communications Center

Course descriptions for Sacramento Regional Fire and EMS Communications Center are included on the following pages.

6.3.2.1 CommandCentral AXS Dispatch Console Administrator

Course Synopsis and Objectives:	This course provides students with an introduction to the Command Central AXS dispatch console, its basic operation and tailored job aids which will be available for assistance in administration. Through facilitation and hands-on activities, the user learns how to perform common tasks associated with the console administration. The students will be able to operate, administer and configure a CommandCentral AXS Dispatch position for daily use within an organization. By the end of the course, the student will be able to: • Describe the purpose of the CommandCentral AXS Dispatch application. • Identify the hardware components that make up the dispatcher position. • Identify elements that make up the menu and toolbar structure within the Dispatch software. Perform administrator operations: 1. Configuring dispatch screen layouts. 2. Configure various peripheral devices for use with a dispatch position (e.g., speakers, microphone, headsets, footswitch).
Delivery Method:	ILT – Instructor-led training
Duration:	4 hours – CommandCentral AXS Dispatch Console Operator plus 4 hours – CommandCentral AXS Dispatch Console Administrator
Participants:	Dispatch Console Administrators, Console Service Personnel.
Class Size:	Based on number of Training Consoles available (2 students per Console)
Prerequisite:	None
Curriculum:	Course Modules: • CommandCentral AXS Console Basics • CommandCentral AXS Software Administration



6.3.2.2 CommandCentral AXS Dispatch Console Operator

Course Synopsis and Objectives:	This training has been designed for new users of the CommandCentral AXS Dispatch Console. It provides participants with an introduction to the dispatch console, its basic operation and tailored job aids which will be available for assistance in operation. After completing this training course, you will be able to: • Perform basic operational tasks of the dispatch console. • Utilize the provided job aids to perform specific tasks associated with the console. • Understand a high level view of the system configuration. • Understand a high-level overview of the customer system configuration. • Understand general console operation. • Understand proper operating procedures for specific customer features.
Delivery Method:	ILT – Instructor-led training
Duration:	4 hours
Participants:	Dispatch Console Operators and Supervisors who perform the daily operations of the CommandCentral AXS Dispatch Console.
Class Size:	Based on number of Training Consoles available (2 students per Console)
Prerequisite:	None
Curriculum:	Course Modules: • AXS Dispatch Console Basics • Radio Transmission • Group Operations • Emergency Alarms • Customizing User Interface During a Dispatch Session • Peripheral Configuration Tool • Simulations



Section 7

Commercial Warranty

To correct possible defects in materials and workmanship, a standard one-year manufacturer's limited commercial warranty is included with the purchase of Motorola Solutions equipment. This warranty covers equipment supplied by Motorola Solutions, and does not cover any Sacramento Regional Fire and EMS Communications Center-furnished equipment. Warranty services include equipment repair during normal business hours, Monday through Friday, excluding holidays observed by Motorola Solutions.

Today's IP-based, software-driven communications systems provide our customers with robust features and advanced applications, which can lead to increased productivity and operational efficiency. The integration of third party software applications and commercial-off-the-shelf (COTS) equipment provide benefits and flexibility, yet they also affect how these systems are managed and sustained. Multiple technologies and vendors must now be addressed in a sustainment plan. Cybersecurity, security, and technology obsolescence strategies must be taken into account.

Motorola Solutions has invested heavily in developing the resources, tools, policies, and programs necessary to fully support and sustain these highly complex systems. Our plans have been designed to address the unique challenges involved in sustaining new IP-based, multi-vendor technologies. Motorola Solutions has a proven track record of providing customers with comprehensive and effective sustainment plans. Each service offering is managed by a Motorola Solutions Customer Service Manager (CSM), who provides an experienced interface between our customers and the organizations providing service.

This estimate includes Enhanced Warranty Services to be delivered concurrently with the standard one year warranty, plus optional years of Support Services. Under the Enhanced Warranty Services, the hours for Motorola Solutions' Technical Support and On-site Infrastructure Response are extended from regular business hours to 24-hours per day, 365 days per year. Contractually committed response times are also included for On-site Infrastructure Response. Motorola Solutions can work with the Sacramento Regional Fire and EMS Communications Center to develop a sustainment plan that provides a more comprehensive level of on-going system maintenance support.



Section 8

Equipment List

SUB SYS	BLOCK	LIM	O	QTY	NOMENCLATURE	DESCRIPTION
SACRAMENTO REGIONAL FIRE / EMS	OP_POS_LIC	1	-	6	HKVN4729A	AXS DISPATCH CONSOLE LICENSE
SACRAMENTO REGIONAL FIRE / EMS	OP_POS_LIC	2	-	6	HKVN4730A	AXS TRUNKING SERVICES LICENSE
SACRAMENTO REGIONAL FIRE / EMS	OP_POS_LIC	3	-	6	HKVN4731A	AXS ADVANCED CONVENTIONAL SERVICES LICENSE
SACRAMENTO REGIONAL FIRE / EMS	OP_POS_LIC	4	-	6	HKVN4733A	LICENSE,AXS INTEGRATED IRR
SACRAMENTO REGIONAL FIRE / EMS	OP_POS_LIC	5	-	6	HKVN4736A	AXS AMBE+2 VOCODER ROYALTY AND LICENSE
SACRAMENTO REGIONAL FIRE / EMS	OP_POS_LIC	6	-	6	HKVN4737A	AXS STANDARD LEVEL RADIO RESOURCE CAPACITY LICENSE
SACRAMENTO REGIONAL FIRE / EMS	OP_POS_LIC	7	-	1	B1957A	AXS SOFTWARE DVD
SACRAMENTO REGIONAL FIRE / EMS	OP_POS	8	-	6	B1956A	COMMANDCENTRAL HUB, W/CLIENT PC
SACRAMENTO REGIONAL FIRE / EMS	OP_POS	8	a	6	CA03553AA	ADD: AC LINE CORD, NORTH AMERICA
SACRAMENTO REGIONAL FIRE / EMS	OP_POS	8	b	6	CA03547AA	ADD: BRACKET, MOUNTING 2RU
SACRAMENTO REGIONAL FIRE / EMS	OP_POS	8	c	6	CA03572AA	ADD: CABLE RETENTION BRACKET
SACRAMENTO REGIONAL FIRE / EMS	OP_POS	8	d	6	CA03850AA	ADD: WINDOWS OS FOR MCC7500E CONSOLE



SUB SYS	BLOCK	LIM	O	QTY	NOMENCLATURE	DESCRIPTION
SACRAMENTO REGIONAL FIRE / EMS	OP_POS	9	-	12	B1913A	MCC SERIES HEADSET JACK
SACRAMENTO REGIONAL FIRE / EMS	OP_POS	10	-	6	B1951B	DISPATCH DESKTOP MICROPHONE, USB
SACRAMENTO REGIONAL FIRE / EMS	OP_POS	10	a	6	CA03413AA	ADD: USB CABLE, TYPE A TO TYPE C, 4.5M
SACRAMENTO REGIONAL FIRE / EMS	OP_POS	11	-	18	B1952B	DISPATCH DESKTOP SPEAKER, USB
SACRAMENTO REGIONAL FIRE / EMS	OP_POS	11	a	18	CA03405AA	ADD: POWER SUPPLY WITH DC CORD
SACRAMENTO REGIONAL FIRE / EMS	OP_POS	11	b	18	CA03406AA	ADD: AC LINE CORD, NORTH AMERICA
SACRAMENTO REGIONAL FIRE / EMS	OP_POS	11	c	18	CA03413AA	ADD: USB CABLE, TYPE A TO TYPE C, 4.5M
SACRAMENTO REGIONAL FIRE / EMS	OP_POS	12	-	6	L3226A	COMPUTER MOUSE, CERTIFIED OPTICAL WHEEL MOUSE FOR RSD SERVERS AND WORKSTATIONS
SACRAMENTO REGIONAL FIRE / EMS	OP_POS	13	-	6	L3225A	CERTIFIED KEYBOARD FOR RSD SERVERS AND WORKSTATIONS
SACRAMENTO REGIONAL FIRE / EMS	OP_POS	14	-	1	DSF2B56AA	USB EXTERNAL DVD DRIVE
SACRAMENTO REGIONAL FIRE / EMS	OP_POS	15	-	6	DSTWIN6328A	PROVIDES ONE DUAL PEDAL FOOTSWITCH
SACRAMENTO REGIONAL FIRE / EMS	OP_POS	16	-	2	DSACPDU6N120SN2TT	AC PDU, RACKMOUNT, 6 OUTLETS, SASD PROTECTED, UL1449/R56, 12FT CORD
SACRAMENTO REGIONAL FIRE / EMS	SPARES	17	-	1	B1956A	COMMANDCENTRAL HUB, W/CLIENT PC
SACRAMENTO REGIONAL FIRE / EMS	SPARES	17	a	1	CA03553AA	ADD: AC LINE CORD, NORTH AMERICA
SACRAMENTO REGIONAL FIRE / EMS	SPARES	17	b	1	CA03547AA	ADD: BRACKET, MOUNTING 2RU



SUB SYS	BLOCK	LIM	O	QTY	NOMENCLATURE	DESCRIPTION
SACRAMENTO REGIONAL FIRE / EMS	SPARES	17	c	1	CA03572AA	ADD: CABLE RETENTION BRACKET
SACRAMENTO REGIONAL FIRE / EMS	SPARES	17	d	1	CA03850AA	ADD: WINDOWS OS FOR MCC7500E CONSOLE
SACRAMENTO REGIONAL FIRE / EMS	SPARES	18	-	2	B1913A	MCC SERIES HEADSET JACK
SACRAMENTO REGIONAL FIRE / EMS	SPARES	19	-	1	B1951B	DISPATCH DESKTOP MICROPHONE, USB
SACRAMENTO REGIONAL FIRE / EMS	SPARES	19	a	1	CA03413AA	ADD: USB CABLE, TYPE A TO TYPE C, 4.5M
SACRAMENTO REGIONAL FIRE / EMS	SPARES	20	-	2	B1952B	DISPATCH DESKTOP SPEAKER, USB
SACRAMENTO REGIONAL FIRE / EMS	SPARES	20	a	2	CA03405AA	ADD: POWER SUPPLY WITH DC CORD
SACRAMENTO REGIONAL FIRE / EMS	SPARES	20	b	2	CA03406AA	ADD: AC LINE CORD, NORTH AMERICA
SACRAMENTO REGIONAL FIRE / EMS	SPARES	20	c	2	CA03413AA	ADD: USB CABLE, TYPE A TO TYPE C, 4.5M
SRRCS	LICENSE	21	-	1	SQM01SUM0323A	ASTRO MASTER SITE
SRRCS	LICENSE	21	a	1	CA03517AF	ASTRO CORE EXPANSION, AN2024.X
SRRCS	LICENSE	21	b	1	UA00156AA	ADD: 5 CONSOLE OPS: AXS, MCC7500/E AND AIS
SRRCS	LICENSE	21	c	1	UA00674AA	ADD: 1 CONSOLE OP: AXS, MCC7500/E OR AIS
SRRCS	LICENSE	21	d	1	CA01316AA	ADD:UNC ADDTL DEVICE LIC (QTY 10)



Section 9

Pricing

Description	Price (USD)
System Hardware & Equipment	\$355,761
Implementation & Installation/Warranty Services	\$255,273
System Sub-Total	\$611,034
<i>Sourcewell Purchasing Agreement Discount</i>	<i>-\$51,075</i>
<i>Special Console Promotional Discount - Applicable for orders through November 15, 2026 with shipping by December 4, 2026</i>	<i>-\$210,000</i>
Total System (Excluding Tax)	\$349,959
Total System (Including 8.75% Tax)	\$358,244

Quote is valid for 60 days from the date of this proposal.

Due to significant market and tariff volatility, as well as fluctuations in the cost of energy and raw materials including, but not limited to, steel, copper, finished wood, and concrete, Motorola Solutions reserves the right to equitably adjust the contract price, completion schedule, and/or contract requirements. Additionally, Motorola Solutions reserves the right to apply a fuel surcharge to quoted freight rates based on the prevailing diesel cost at the time of shipment.

9.1 Payment Milestones

Except for a payment that is due on the Effective Date, Customer will make payments to Motorola within thirty (30) days after the date of each invoice. Customer will make payments when due in the form of a check, cashier's check, or wire transfer drawn on a U.S. financial institution. If Customer has purchased additional Professional or Subscription services, payment will be in accordance with the applicable addenda. Payment for the System purchase will be in accordance with the following milestones.

Milestone	Milestone Detail	Percentage
1	Completion of Contract Execution (due upon effective date)	50%
2	Final Acceptance	50%



Section 10

Contractual Documentation

Motorola's proposal is subject to the terms and conditions of Sourcewell Contract #020625-MOT. Pricing will remain valid for 60 days from the date of this proposal. SRFECCE may accept this proposal by issuing to Motorola a signed purchase order specifically referencing "PO is subject to Motorola's proposal dated October 30, 2026, and the terms and conditions of Sourcewell Contract #020625-MOT."



Section 11

ASTRO Services Requirements

11.1 Introduction

This document specifies the current Motorola Solutions requirements for ASTRO services on an IP Ethernet network. This document's intended use is for new and existing backhaul deployments for ASTRO to convey the specific application requirements. It covers all aspects of the service design to ensure proper requirements are presented to ensure consistent network performance regardless of implementation.

This document uses terms such as "**MUST**", "**MUST NOT**", "**SHOULD**" to define the requirement as outlined in RFC2119.

11.2 Service Definitions

All application services **MUST** be designed and configured to support a routed network architecture, a switched network architecture (Point-to-Multi-Point) or a dedicated link (Point-to-Point). Load Balancing **MUST NOT** be used in support of ASTRO transport.

ASTRO will construct point-to-point tunnels (IPSEC or IPIP depending on design) across the provided infrastructure to carry application payload.

The following table defines the expected communication paths within the ASTRO application.

Table: ASTRO Communication Paths

Location Type	Source Location	Destination Location	Link Type
Dispatch Site Link	Dispatch Center	ASTRO Core	Site
RF Site Link	Repeater Site	ASTRO Core	Site
Prime Site Link	Simulcast Prime Site	ASTRO Core	Prime Site
SubSite Link (Simulcast)	Simulcast/Tsub Subsite	Simulcast Prime Site	Subsite
Geo-Prime Site Link (L2)	Simulcast Prime Site	Simulcast Prime Site	Geo Prime
CSUB Site Link	Conduit Hub Site	ASTRO Core	Site
SubSite Link (CSUB)	Base Radio/ Hub Site	Hub Site	Subsite
SubSite Link (CSUB)	Base Radio/ Hub Site	Conduit Hub Site	Subsite
Geo-CSUB Site Link (L2)	Conduit Hub Site	Conduit Hub Site	Geo Prime
InterZone/DSR Link	ASTRO Core	ASTRO Core	InterZone



Location Type	Source Location	Destination Location	Link Type
Geo CEN Link (L2)	ASTRO Core	ASTRO Core	Geo CEN

Reference the [Table](#) below for detailed link specifications for each of the link types defined.

11.3 Service Demarcation

All ASTRO service demarcation points **SHOULD** be copper RJ45, configured per the [Table](#) below. All layer 3 ASTRO demarcation points **MUST** be untagged. All Layer 2 ASTRO demarcation points **MUST** be tagged.

All layer 3 ASTRO interfaces will utilize static routing on the CE for communication. There are no dynamic routing protocols (RIP, OSPF or BGP) on the CE-PE links. Reference section 5 below for additional requirements.

The following table defines the physical demarcation requirements at each location.

Table: Physical Demarcation

Site Hardware	Network Architecture	Interface Type	Speed & Duplex	Tagged	Link Type
S6000 GGM8000	L2	Copper	100FDx	Y	Site Link/ SubSite Link
S6000 GGM8000	L3	Copper	100FDx	N	Site Link/ SubSite Link/ InterZone
SRX345/1500	L2	Copper	Auto	Y	Site Link/ SubSite Link
SRX345/1500	L3	Copper	Auto	N	Site Link/ SubSite Link/ InterZone
HP2930 DSC8000	L2	Copper	10/100FDx	Y	Geo Prime/ Geo CEN

All ethernet cables provided **MUST** meet CAT5e standards or better.

11.4 Quality of Service

Quality of service **MUST** be enabled and configured on all CE-PE interfaces. The transport network **MUST** honor all forwarding classes defined on all intermediate transport nodes. The classifications used are unique to each service type being provided.

The following table outlines the recommended classification requirements for each service type.

Table: Quality of Service Class Definitions

Application	Service Type	QOS Model	Priority Level
ASTRO - Site Links - Subsite Links - InterZone Links	Layer 3	DSCP	EF
			AF41
			AF11



Application	Service Type	QOS Model	Priority Level
ASTRO - Site Links - Subsite Links	Layer 2 WAN - Point- to-Multi-Point - Point to Point	802.1p	6
			4
			1
ASTRO - Geo Prime Link - Geo CEN Link	Layer 2 LAN Point-to-Point	802.1p	5-7
			0-4

When provisioning QOS, all queues **SHOULD** be provisioned to the link required Committed Information Rate (CIR). Reference Section 9-7 for service performance requirements.

11.5 CE-PE Interfaces

11.5.1 Maximum Transmission Unit (MTU)

MTU **MUST** be observed in both direct CE-PE peering (port-to-port) and across the service (PE-to-PE) to ensure the payload is delivered without loss or augmentation. Improper MTU configurations can result in frame loss for L2 services and excessive fragmentation or packet loss for L3 routed services. The PE device configurations are manufacturer specific. Therefore, the following specifications **MUST** be properly interpreted and applied by the designer.

11.5.1.1 ASTRO L3 Site links

The IP MTU of the routed interfaces **MUST** be at least 1500 bytes. Normally, PE-CE peering is untagged, and the Ethernet port-level MTU **MUST** be at least 1514 bytes. Where PE-CE peering is tagged (CVLAN), the Ethernet port-level MTU **MUST** be at least 1518 bytes.

11.5.1.2 ASTRO L2 Site Links

This VPLS type of service **MUST** tunnel 1518-byte Ethernet frames from PE to PE and **MUST** preserve VLAN tags. The specific VLAN number (ID) will be design-specific.

11.5.1.3 ASTRO Geo-Prime, Intra-Prime Link

This E-Line type of service **MUST** tunnel 1518-byte Ethernet frames from PE to PE with VLAN tag preservation.

11.5.2 Routing Isolation

All ASTRO services **MUST** be separated from all other network services in its own L3VPN. On larger designs each zone core, simulcast subsystem, and Conventional Subsystem **SHOULD** have their own L3VPN to permit smaller routing tables and better network isolation.

No dynamic protocols are required on ASTRO service Interfaces. When implementing MPLS, please reference the "MPLS Requirements Document" for additional requirements on the provisioning of the network and the services.



11.5.3 CE-PE IP Plan

All ASTRO CE-PE IP addresses **SHOULD** use RFC 1918 addresses, **MUST NOT** conflict with internal ASTRO IPs and **SHOULD** follow the latest IPNPO recommended plan.

The following list identifies the addresses that are allocated for use inside of the ASTRO system, overlapping with any of the address listed below will cause certain features to become unavailable:

- 10.0.0.0/16 ~ 10.15.0.0/16
- 10.101.0.0/16 ~ 10.107.0.0/16
- 10.151.0.0/16 ~ 10.157.0.0/16
- 10.184.1.0/24 ~ 10.200.0.0/24
- 10.201.1.0/24 ~ 10.247.0.0/24
- 10.248.16.0/20 ~ 10.248.127.0/20
- 172.16.0.0/16 ~ 172.31.0.0/16
- 180.15.0.0/16
- 180.240.32.0/24 ~ 180.240.255.0/24
- 180.255.255.0/24
- 182.1.0.0/16 ~ 182.64.0.0/16
- 182.101.0.0/16 ~ 182.107.0.0/16
- 182.151.0.0/16 ~ 182.157.0.0/16
- 182.201.0.0/16 ~ 182.207.0.0/16
- 183.1.0.0/16 ~ 183.7.0.0/16
- 183.128.0.0/15
- 183.192.0.0/16 ~ 183.195.0.0/16
- 184.8.0.0/13 ~ 184.56.0.0/13

Reference [Section 10.8 Appendix A](#) for additional information on the use of non RFC1918 addresses within ASTRO.

11.6 Ports and Protocols

The transport network **MUST** be able to process and pass the following ports and protocols to ensure proper application communication.

Table: Failure detection protocols & configuration

Link Type	Encrypted	Protocol	Port Numbers
ASTRO Site Link (MNR)	N	IPIP-ID 4	N/A
ASTRO Site Link (MNR)	Y	IPSEC- ID 50 & 51	UDP Port 500
ASTRO Site Link (SRX)	N	IPSEC- ID 50 & 51	UDP Port 500
ASTRO Site Link (SRX)	Y	IPSEC- ID 50 & 51	UDP Port 500
Geo-Simulcast Intra-Prime Link	N/A	ALL	ALL



11.7 End-to-End Service Requirements and Testing

11.7.1 Service Performance

All ASTRO services **MUST** pass a time appropriate y.1564 test configured with the link metrics for the link being tested. The metrics to be tested **MUST** include at a minimum: IPTD, IPDV, IPLR, Bandwidth and QoS. These tests **MUST** be completed before system acceptance.

The following table outlines the Service Level Agreement (SLA) requirements for each of the link types in the system (Note that all values are one-way values). Reference the [Table](#) above for a breakdown of the Link Types.

Table: Service Level Agreement Requirements

Link Type	Latency	Jitter	Packet Loss	Availability	Bandwidth (CIR)
Site Link	<10ms	< 10ms	< 0.01%	99.999%	1 to 10 Mbps
Prime Site Link	<10ms	< 10ms	< 0.01%	99.999%	1 to 50 Mbps
SubSite Link	<10ms	< 10ms	< 0.01%	99.999%	1 to 10 Mbps
InterZone Link	<10ms	< 10ms	< 0.01%	99.999%	10 Mbps Per Zone
Geo-Prime Link	< 5ms	< 5ms	< 0.01%	99.999%	10 to 100 Mbps
Geo-CEN Link	< 5ms	< 5ms	< 0.01%	99.999%	10 to 100 Mbps

11.7.2 Service Failure and Recovery

To ensure continuous operation of all applications, the transport **MUST** be designed to detect and recover from failures in a given window. Network failure convergence and recovery times **SHOULD** be less than 900 ms, 300 ms for Simulcast Subsite Links, to support the ASTRO site links.

Failure convergence and recovery times **SHOULD** also be tested before system acceptance. These times **MUST NOT** be measured via a physical link pull from the CE as this gives an unrealistic failure time.

11.8 Appendix A

The Motorola Solutions ASTRO 25 Radio Communications system is designed to accommodate customers of varying sizes and a multitude of features and architectures.

To facilitate this architecture, the Radio Network Infrastructure (RNI) utilizes IPv4 addressing for network communication. The Private IP (RFC 1918) address space is the main source for the IP addresses assigned and reserved within the radio system. However, due to the flexibility of the system and the maximum scale the system could reach, the Private IP space does not provide enough IP addresses to meet these requirements.

As a result, some "public" IP addresses were used to supplement the Private space. The "public" IP space used and locations of use in the infrastructure are outlined in the table below.



Table: ASTRO Public IP Space Allocations

IP Space	Registry	Use in ASTRO
180.x.x.x	APNIC	CEN Tunnel Connectivity • Border Router to GGSN • Border Router to Internetworking Firewall • Border Router to RNI/DMZ Firewall Geo Redundant Simulcast Link Monitoring Geo Redundant Conduit Hub Link Monitoring
182.x.x.x	APNIC	CSUB Tunnel Connectivity • Base Radio to Hub Sites/Conduit Hub • Hub Site to Hub Site/Conduit Hub Logical SRX Tunnel Connectivity • Virtual Router to Virtual Router Crossover SRX Redundant Router Connectivity
183.x.x.x	APNIC	IP Simulcast Tunnel Connectivity & Management • Backhaul Network Management • Subsite (All Types) to Prime • Access Router 1 to Access Router 2
184.x.x.x	ARIN	Simulcast Subsite, TSUB Dispatch, TSUB Repeater site LAN subnet space

While these addresses are used and are routable within the RNI, they are not routable or visible outside of the infrastructure. All addresses, when utilizing the standard design, are NATed at the system security boundary points prior to exiting the RNI.

As part of our maintenance and support services, Motorola Solutions can provide a dedicated path (standalone or as part of our ASTRO Connectivity Service (ACS)) into the Radio system to facilitate fault monitoring, customer support and remote patching. All of this communication originates from within our CMSO network which also utilizes the Private IP network. To avoid IP conflicts (and in keeping with the design) any communication originating from CMSO will be source NATed (source IP 145.1.17.191) at the system security bound point prior to entering the system.





Sacramento Regional Fire/EMS Communications Center

10230 Systems Parkway, Sacramento, CA 95827-3006

www.srfec.ca.gov

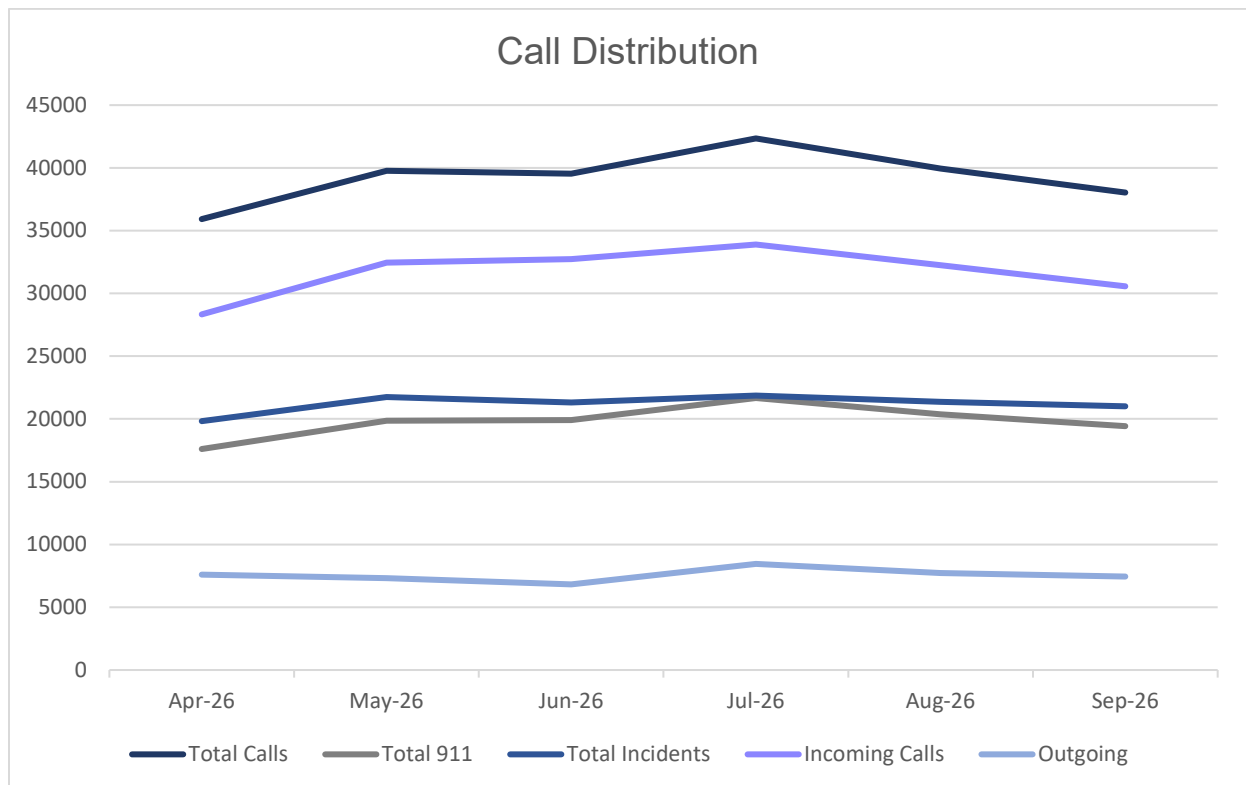
Telephony Performance Measure September 2026

Overview

TOTAL CALL VOL.	38,029
TOTAL INCIDENTS	21,013
INCOMING CALLS	30,574
OUTGOING CALLS	7,455

Incoming Lines Detail

911 LINES	19,431
SEVEN DIGIT EMERGENCY	4,232
ALLIED/ADMIN	6,911





Sacramento Regional Fire/EMS Communications Center

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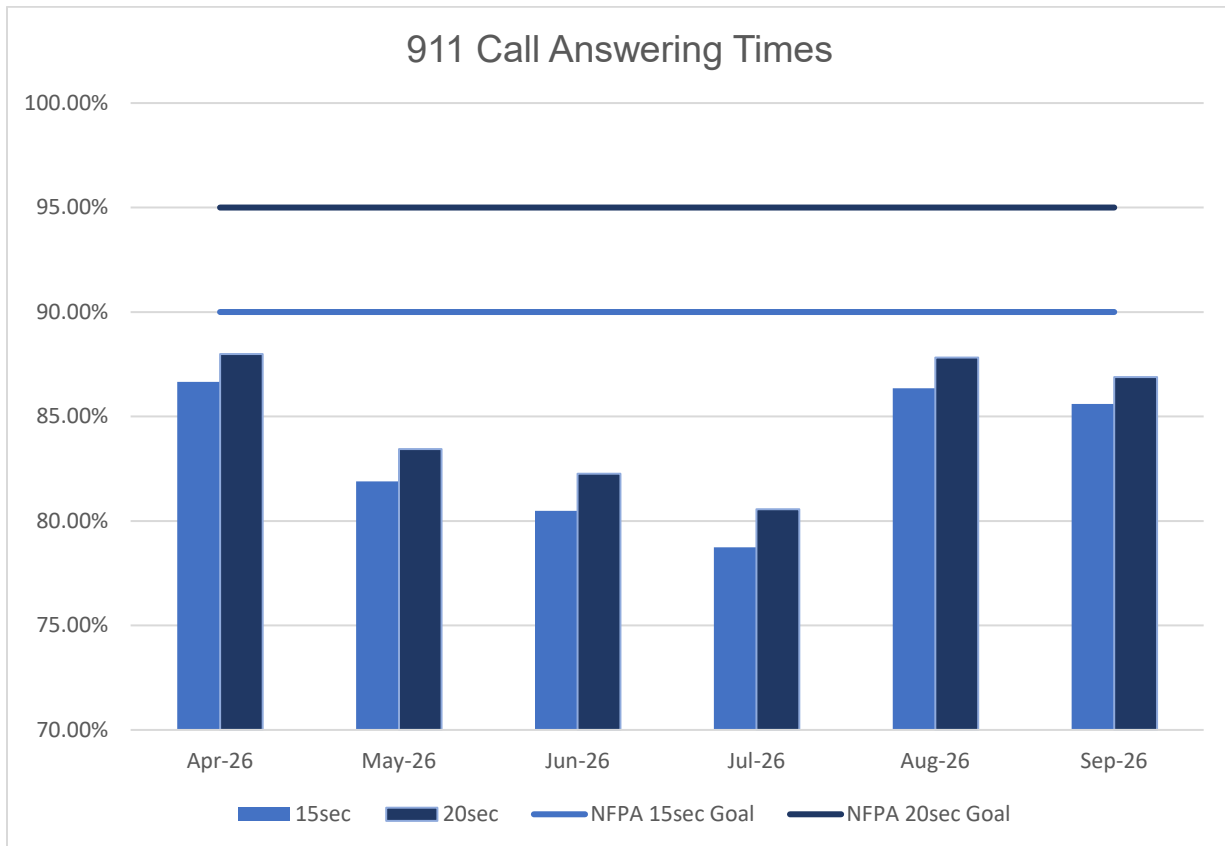
www.srfec.ca.gov

Emergency Lines Answering Standard: NFPA-1221 (2019 Edition)

90% answered within 15 seconds

95% answered within 20 seconds

Month	15 Seconds Compliance	20 Seconds Compliance
Apr	86.66%	87.99%
May	81.89%	83.44%
June	80.48%	82.26%
July	78.74%	80.56%
August	86.35%	87.82%
September	85.60%	86.88%

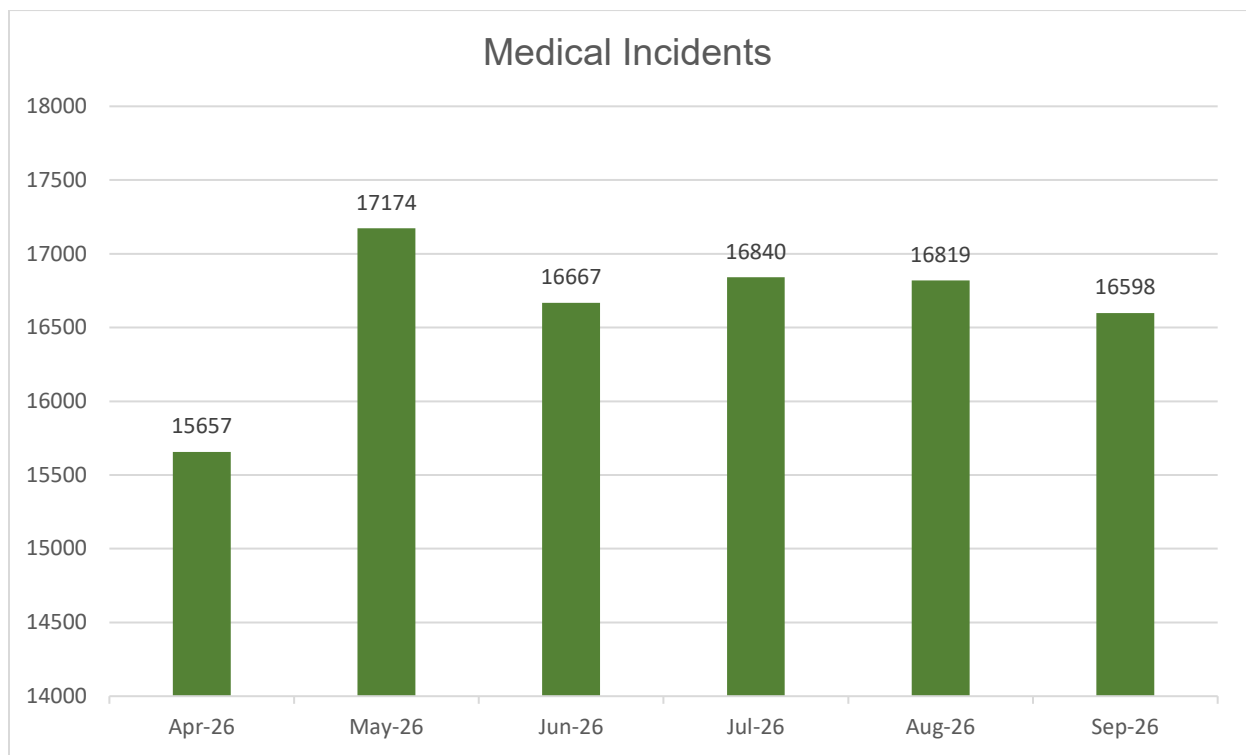
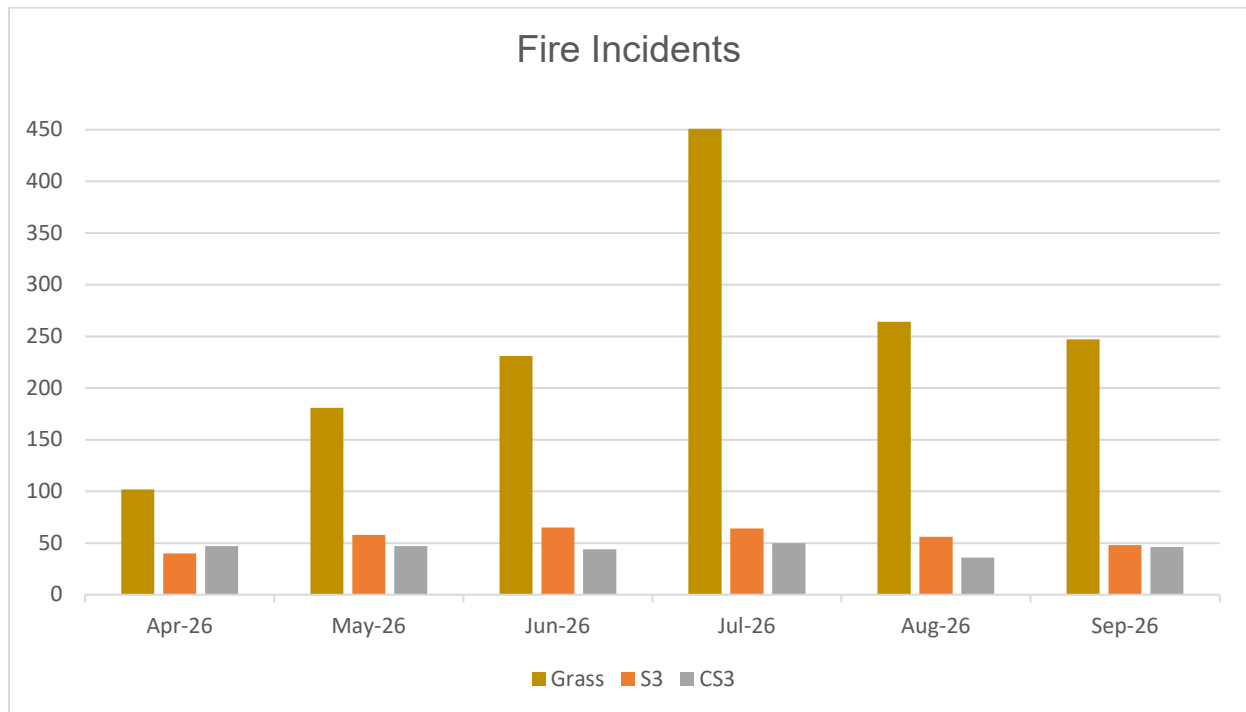




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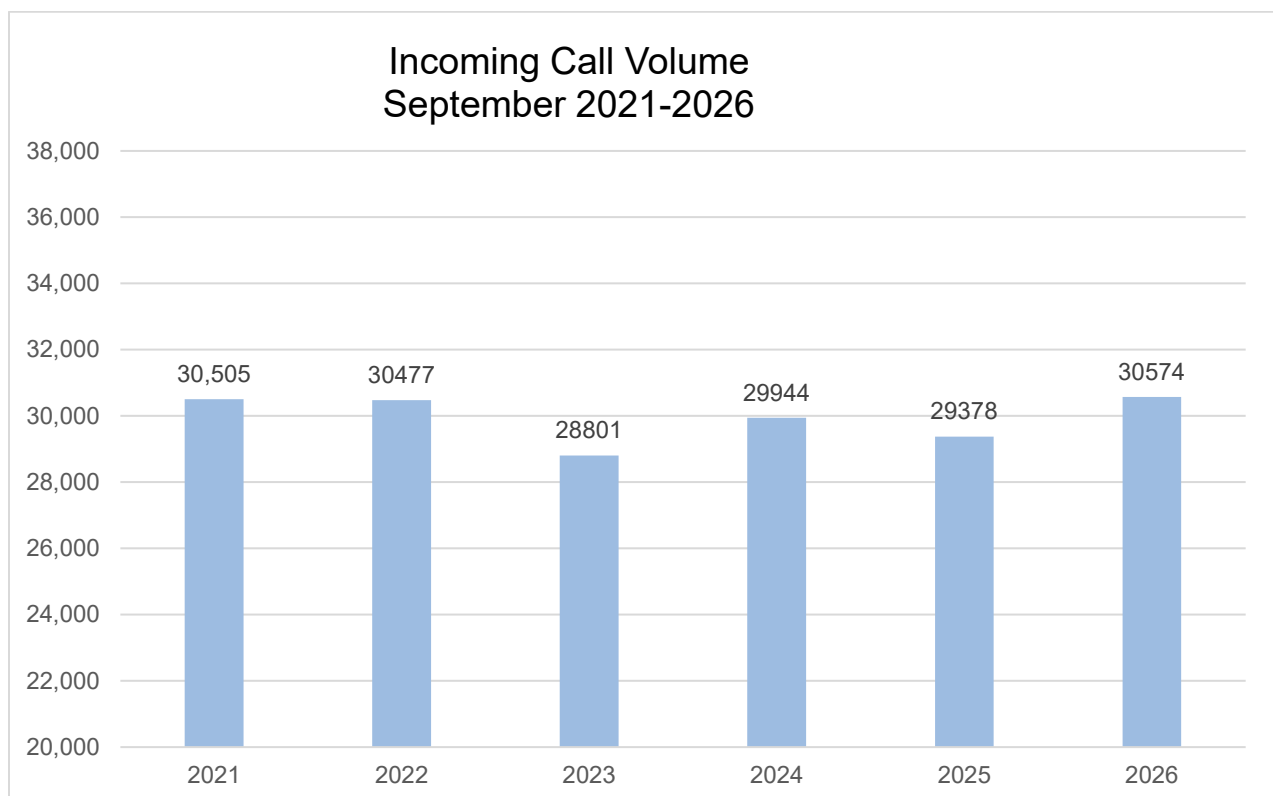
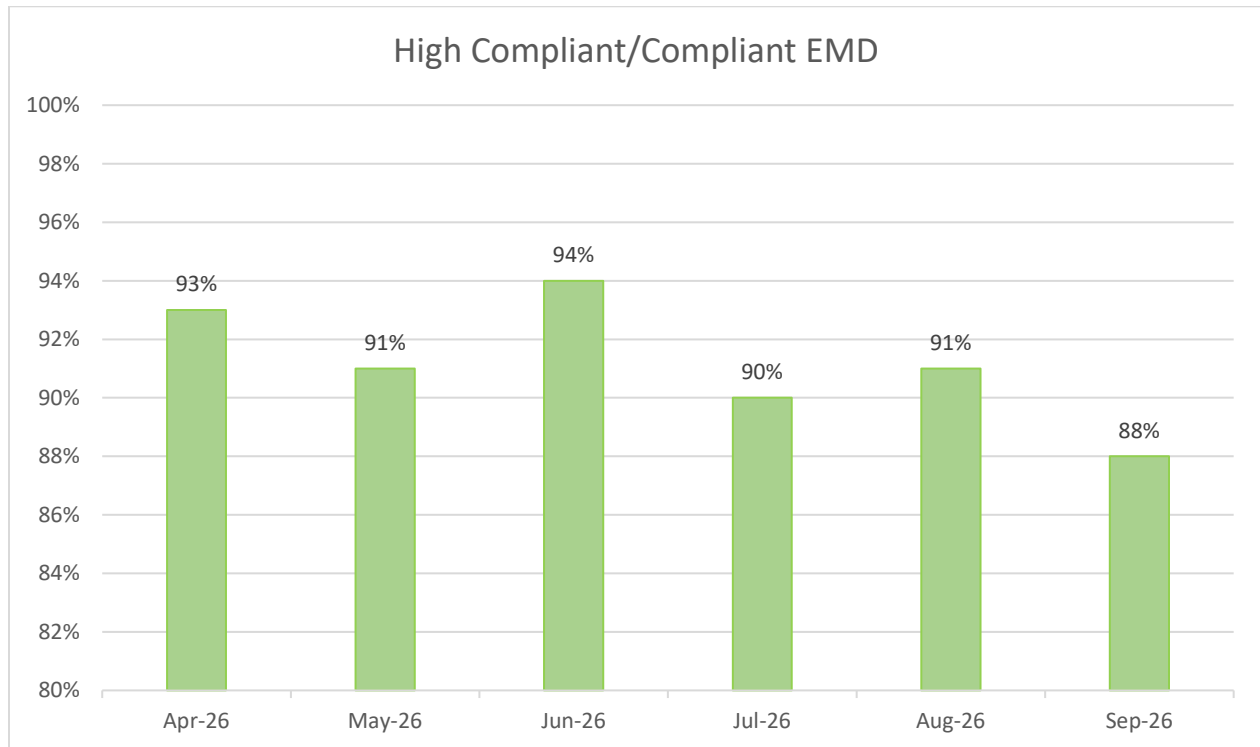




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Executive Monthly Credit Card Usage Report FY 26/27

Reporting Month: September 2026

Last 4 of card	Last Name	Status	Credit Limit	Monthly Usage	Approvals		
					Employee	Manager	CED
7703	Brooker	Open	\$ 2,000.00	\$ 20.00	LB	M	Z
7727	Dorsett	Open	\$ 2,000.00	\$ 52.87	BD	M	Z
5055	Gingery	New	\$ 15,000.00	\$ 3,550.62	MG	M	Z
9801	Kukharets	Open	\$ 2,000.00	\$ 188.41	RK	BD	Z
3211	Nichols	Open	\$ 5,000.00	\$ 2,201.65	BN	M	Z
3320	Poirier	Open	\$ 1,500.00	\$ 1,075.32	TP	LR	Z
0586	Quintard	Open	\$ 1,500.00	\$ 101.98	LR	M	Z
8295	Shelton	Open	\$ 1,500.00	\$ 1,929.41	KRS	LR	Z
9339	Shmatovich	Open	\$ 2,000.00	\$ 242.88	M	LR	Z
7583	Soares	Open	\$ 1,500.00	\$ -			
0502	Strong	Open	\$ 1,500.00	\$ -			
5973	Stone-Hodge	New	\$ 1,500.00	\$ -			
5829	Vargo	Open	\$ 15,000.00	\$ 2,887.90	LV	M	Z
3923	Vazquez	Open	\$ 1,500.00	\$ 48.50	VR	LR	Z
9970	Wilbourn	New	\$ 5,000.00	\$ -			
		Total:	\$ 58,500.00	\$ 12,299.54			

New/Closed Accounts Added: Yes

-Amanda Stone-Hodge: New card

Cards Reported Lost or Stolen: No

Disputed Transactions: No

Changes in Authorization Limits: No

Monthly Liability: \$58,500.00



Sacramento Regional Fire/EMS Communications Center

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FY 26/27			
Total Monthly Credit Card Usage			
July	\$ 47,448.09	January	
August	\$ 10,766.01	February	
September	\$ 12,299.54	March	
October		April	
November		May	
December		June	

I certify I have reviewed and approved the monthly credit card transactions and activity as reported. These are legitimate expenses incurred solely for the benefit of SRFECC business. I also certify that no alcoholic beverages, tobacco products, gift cards or gift certificates were purchased.

Signed by:

ED0E87F26BC84B6...

10/14/2026

Chief Executive Director Signature

Date



Sacramento Regional Fire/EMS Communications Center
 10230 Systems Parkway, Sacramento, CA 95827-3006
www.srfec.ca.gov

FY 26/27 Budget to Actuals Report
Quarter End September 2026
Page 1 of 3

GL Account	Description	FY 26/27 Budget	Period 1 Actual	Period 2 Actual	Period 3 Actual	FY 26/27 YTD Actual	FY 26/27 YTD Budget	FY 26/27 YTD Variance	FY 26/27 YTD Variance %	Budget Remainder
REVENUE										
4010-910	Member Contribution SMFD	(6,460,912)	3,230,456	0	0	3,230,456	(3,230,456)	(3,230,456)	100.00%	(3,230,456)
4010-920	Member Contribution SFD	(6,614,851)	3,307,426	0	0	3,307,426	(3,307,426)	(3,307,426)	100.00%	(3,307,425)
4010-930	Member Contribution CFD	(1,436,764)	718,382	0	0	718,382	(718,382)	(718,382)	100.00%	(718,382)
4010-940	Member Contribution FFD	(579,535)	289,768	0	0	289,768	(289,768)	(289,768)	100.00%	(289,767)
4014-000	OES Deployment	(1)	0	0	0	0	(1)	(1)	100.00%	(1)
4015:4998	Other Revenue	0	3,376	5,956	4,520	13,851	0	(13,851)	0.00%	(13,851)
TOTAL REVENUE		(15,092,062)	7,549,408	5,956	4,520	7,559,883	(7,546,032)	(7,559,883)	100.18%	(7,559,882)

GL Account	Description	FY 26/27 Budget	Period 1 Actual	Period 2 Actual	Period 3 Actual	FY 26/27 YTD Actual	FY 26/27 YTD Budget	FY 26/27 YTD Variance	FY 26/27 YTD Variance %	Budget Remainder
EMPLOYEE-RELATED EXPENSES										
5010	Base Salaries and Wages	6,595,371	203,574	419,082	437,294	1,059,949	1,648,843	588,894	35.72%	5,535,422
5020	Overtime	289,800	48,409	80,551	129,683	258,643	72,450	(186,193)	-257.00%	31,157
5030	Overtime - FLSA	152,198	7,865	5,790	6,451	20,106	38,049	17,943	47.16%	132,092
5035	OES Deployment	1	0	0	0	0	1	1	100.00%	1
5040	Uniform Allowance	50,400	500	500	500	1,500	12,600	11,100	88.10%	48,900
5050	Night/Admin Shift Differential	56,700	2,288	4,035	4,290	10,613	14,175	3,563	25.13%	46,088
5055	Out-of-Class Pay	41,300	3,121	2,537	2,792	8,449	10,325	1,876	18.17%	32,851
5060	Longevity	46,200	3,600	7,650	3,600	14,850	11,550	(3,300)	-28.57%	31,350
5065	On-Call Pay	54,750	2,750	5,400	5,800	13,950	13,688	(263)	-1.92%	40,800
5115	Vacation Cash Out	60,500	6,251	2,064	16,234	24,548	15,125	(9,423)	-62.30%	35,952
5120	Sick Leave	0	14,397	14,907	11,371	40,676	0	(40,676)	0.00%	(40,676)
5130	CTO Leave	0	15,315	10,529	16,970	42,815	0	(42,815)	0.00%	(42,815)
5140	Holiday Pay	268,995	24,595	(3,710)	19,203	40,089	67,249	27,160	40.39%	228,907
5220	Training Pay	45,600	4,713	2,188	1,716	8,617	11,400	2,783	24.42%	36,983
5310	Workers Compensation Insurance	106,500	6,918	6,918	6,918	20,755	26,625	5,870	22.05%	85,745
5410	FED ER Tax - Medicare	85,000	7,271	7,316	8,802	23,389	21,250	(2,139)	-10.07%	61,611
5413	FED ER Tax - Social Security	1,000	0	0	0	0	250	250	100.00%	1,000
5420	State ER Tax - ETT	3,500	2	0	17	20	875	855	97.74%	3,480
5423	State ER Tax - UI-	30,000	69	0	504	572	7,500	6,928	92.37%	29,428
5510	Medical Insurance	1,384,622	102,392	94,897	93,580	290,869	346,155	55,286	15.97%	1,093,753
5520	Dental Insurance	120,088	7,379	7,722	8,523	23,625	30,022	6,397	21.31%	96,463
5530	Vision Insurance	13,298	744	655	644	2,043	3,325	1,282	38.56%	11,256
5610	Retirement Benefit Expense	1,598,495	104,977	73,838	193,470	372,285	399,624	27,339	6.84%	1,226,211
5620	OPEB Benefit Expense	543,175	41,137	41,137	41,137	123,412	135,794	12,381	9.12%	419,762
5625	Education Incentive	55,200	5,346	4,866	5,085	15,297	13,800	(1,497)	-10.85%	39,903
5690	Other Salary and Benefit Expns	16,000	1,360	1,979	1,813	5,152	4,000	(1,152)	-28.80%	10,848
TOTAL EMPLOYEE-RELATED EXPENSES		11,618,693	614,973	790,851	1,016,397	2,422,224	2,904,675	482,451	16.61%	9,196,470

GL Account	Description	FY 26/27 Budget	Period 1 Actual	Period 2 Actual	Period 3 Actual	FY 26/27 YTD Actual	FY 26/27 YTD Budget	FY 26/27 YTD Variance	FY 26/27 YTD Variance %	Budget Remainder
MATERIALS & SUPPLIES										
6010	Office Supplies	12,000	419	51	33	503	3,000	2,497	83.22%	11,497
6013	Office Supplies - Ink Cartridge	1,500	0	415	0	415	375	(40)	-10.63%	1,085
6015	Equipment Rental	13,500	848	848	1,113	2,809	3,375	566	16.76%	10,691
6020	Postage	1,000	22	0	1	23	250	227	90.87%	977
6050	Center Supplies	25,000	1,693	1,187	1,649	4,529	6,250	1,721	27.54%	20,471
6090	Other Materials and Supplies	2,000	0	0	0	0	500	500	100.00%	2,000
TOTAL MATERIALS & SUPPLIES		55,000	2,982	2,501	2,796	8,279	13,750	5,471	39.79%	46,721

GL Account	Description	FY 26/27 Budget	Period 1 Actual	Period 2 Actual	Period 3 Actual	FY 26/27 YTD Actual	FY 26/27 YTD Budget	FY 26/27 YTD Variance	FY 26/27 YTD Variance %	Budget Remainder
PROFESSIONAL SERVICES										
6110	Legal Services	195,000	8,130	5,000	12,171	25,302	48,750	23,448	48.10%	169,698
6115	Accounting and Audit Services	27,600	478	439	680	1,597	6,900	5,303	76.86%	26,003
6120	Actuary Services	11,500	7,700	0	0	7,700	2,875	(4,825)	-167.83%	3,800
6125	Consulting Services	756,723	50,952	62,735	57,908	171,595	189,181	17,586	9.30%	585,128
6140	Technological Services	127,790	2,343	2,343	5,273	9,959	31,948	21,988	68.83%	117,831
6190	Other Professional Services	700	1,908	318	0	2,226	175	(2,051)	-1171.91%	(1,526)
TOTAL PROFESSIONAL SERVICES		1,119,313	71,511	70,835	76,032	218,379	279,829	61,449	21.96%	900,934



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GL Account	Description	FY 26/27 Budget	Period 1 Actual	Period 2 Actual	Period 3 Actual	FY 26/27 YTD Actual	FY 26/27 YTD Budget	FY 26/27 YTD Variance	FY 26/27 YTD Variance %	Budget Remainder
COMMUNICATION EQUIPMENT & SERVICES										
6220	Maintenance - Radios & Radio Equipment	45,578	11,200	1,935	1,140	14,274	11,394	(2,880)	-25.27%	31,303
6221	Maintenance - Radio Consoles & Other	95,807	6,126	7,222	6,126	19,473	23,952	4,479	18.70%	76,334
6223	Radio - Backbone Subscription SRRCS	22,000	(10,812)	2,663	2,663	(5,486)	5,500	10,986	199.75%	27,486
6230	Communication Services	317,267	36,653	37,624	36,748	111,025	79,317	(31,709)	-39.98%	206,241
6245	Maintenance - Tower Equipment	17,577	130	130	130	390	4,394	4,004	91.13%	17,187
6250	Communication Supplies	11,000	0	0	0	0	2,750	2,750	100.00%	11,000
6290	Other Communication Services and Equipment	2,000	0	0	69	69	500	431	86.14%	1,931
TOTAL COMMUNICATION EQUIPMENT & SERVICES		511,229	43,297	49,574	46,876	139,745	127,807	(11,938)	-9.34%	371,483

GL Account	Description	FY 26/27 Budget	Period 1 Actual	Period 2 Actual	Period 3 Actual	FY 26/27 YTD Actual	FY 26/27 YTD Budget	FY 26/27 YTD Variance	FY 26/27 YTD Variance %	Budget Remainder
HW & SW MAINT										
6310	Hardware Maintenance - Equipment	26,250	1,086	1,086	1,086	3,258	6,563	3,305	50.36%	22,992
6315	Hardware Maintenance - Network	827	45	45	0	90	207	117	56.45%	737
6319	Hardware Maintenance Other	1,000	0	0	0	0	250	250	100.00%	1,000
6320	Software Maintenance - Applications	255,391	17,201	18,214	20,118	55,532	63,848	8,315	13.02%	199,858
6322	CAD Maintenance and Support/Northrop Grumman	618,350	62,037	47,897	47,897	157,831	154,588	(3,244)	-2.10%	460,519
6323	Software Maintenance - GIS	96,860	6,117	7,935	6,117	20,169	24,215	4,046	16.71%	76,691
6330	Software Maintenance - Network	1,149	0	0	0	0	287	287	100.00%	1,149
6350	Computer Supplies	7,000	1,919	6,517	124	8,560	1,750	(6,810)	-389.17%	(1,560)
6390	Other, Computer Services and Supplies	3,000	0	0	0	0	750	750	100.00%	3,000
TOTAL HW & SW MAINT		1,009,827	88,405	81,694	75,342	245,440	252,458	7,016	2.78%	764,386

GL Account	Description	FY 26/27 Budget	Period 1 Actual	Period 2 Actual	Period 3 Actual	FY 26/27 YTD Actual	FY 26/27 YTD Budget	FY 26/27 YTD Variance	FY 26/27 YTD Variance %	Budget Remainder
FACILITIES & FLEET										
6410	Services - Landscaping	4,800	399	0	797	1,196	1,200	4	0.33%	3,604
6415	Maintenance - Building	15,500	124	435	1,704	2,263	3,875	1,612	41.59%	13,237
6260	Lease - CTC	101,970	8,258	8,258	8,258	24,773	25,493	720	2.82%	77,197
6420	Services - Custodial	73,500	5,390	5,390	5,390	16,170	18,375	2,205	12.00%	57,330
6421	Services - Center Security	60	0	0	0	0	15	15	100.00%	60
6425	Maintenance - HVAC	17,500	4,317	1,979	0	6,296	4,375	(1,921)	-43.90%	11,204
6235	Maintenance - Power Supply	28,000	16,131	416	416	16,963	7,000	(9,963)	-142.32%	11,037
6430	Services - Cable	2,562	186	186	191	564	641	76	11.93%	1,998
6435	Services - Pest Control	1,210	87	87	87	261	302	41	13.72%	949
6490	Other, Facilities and Fleet	21,698	0	0	109	109	5,424	5,316	98.00%	21,589
6510	Utilities - Electric	73,346	5,686	5,818	5,780	17,284	18,337	1,053	5.74%	56,062
6515	Utilities - Water	10,350	858	1,197	1,042	3,096	2,588	(509)	-19.66%	7,254
6520	Utilities - Refuse Collection / Disposal	12,189	1,069	1,193	1,193	3,455	3,047	(408)	-13.39%	8,734
6525	Utilities - Sewage Disposal Services	2,391	0	181	0	181	598	416	69.67%	2,210
6635	Services - Bottled Water	6,325	399	393	544	1,337	1,581	245	15.48%	4,989
6645	Services - Printing	3,795	213	208	295	715	949	233	24.59%	3,080
6650	Services - Shredding	4,554	562	351	352	1,265	1,139	(127)	-11.13%	3,289
6652	Fleet - Maintenance	13,000	3,328	2,289	944	6,561	3,250	(3,311)	-101.88%	6,439
6654	Fleet - Fuel	15,000	1,124	1,988	1,684	4,797	3,750	(1,047)	-27.91%	10,204
6655	Insurance (Property and Fleet)	85,000	6,808	6,808	6,808	20,425	21,250	825	3.88%	64,575
6690	Other - Facility & Fleet Management	3,000	0	0	0	0	750	750	100.00%	3,000
TOTAL FACILITIES & FLEET		495,750	54,939	37,177	35,594	127,711	123,939	(3,772)	-3.04%	368,040



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GL Account	Description	FY 26/27 Budget	Period 1 Actual	Period 2 Actual	Period 3 Actual	FY 26/27 YTD Actual	FY 26/27 YTD Budget	FY 26/27 YTD Variance	FY 26/27 YTD Variance %	Budget Remainder
RECRUITMENT, RETENTION & TRAINING										
6610	Recruitment	25,750	1,486	10,303	15,291	27,080	6,437	(20,643)	-320.66%	(1,330)
6612	Employee Retention	25,300	1,939	2,262	763	4,964	6,325	1,361	21.51%	20,336
6615	Employee Education & Training	27,000	680	(10,237)	4,680	(4,876)	6,750	11,626	172.24%	31,876
6618	Conference Registration	38,000	2,650	0	0	2,650	9,500	6,850	72.11%	35,350
6621	Air	22,000	4,132	290	2,013	6,435	5,500	(935)	-17.01%	15,565
6622	Lodging	22,000	15,852	(1,562)	4,169	18,459	5,500	(12,959)	-235.61%	3,541
6623	Rental Cars	3,500	0	1,446	850	2,296	875	(1,421)	-162.41%	1,204
6624	Parking	2,500	420	84	5	509	625	116	18.59%	1,991
6625	Membership Dues	7,190	50	0	0	50	1,797	1,747	97.22%	7,140
6626	Taxi, Uber, Mileage, Other	5,040	399	72	73	543	1,260	717	56.89%	4,497
6627	Per Diem	12,000	2,511	311	2,510	5,332	3,000	(2,332)	-77.73%	6,668
6639	Accrediations - ACE	650	0	0	0	0	163	163	100.00%	650
6640	Uniform/Badges/Shirts	11,000	490	2,216	1,997	4,703	2,750	(1,953)	-71.02%	6,297
6660	Operations Support	46,781	562	1,113	330	2,004	11,695	9,691	82.86%	44,777
6661	Administration Support	33,541	1,002	804	662	2,467	8,385	5,918	70.58%	31,074
TOTAL RECRUITMENT, RETENTION & TRAINING		282,252	32,173	7,102	33,343	72,616	70,562	(2,054)	-2.91%	209,635
GRAND TOTAL EXPENSES		15,092,062	908,280	1,039,734	1,286,380	3,234,394	3,773,020	538,623	14.28%	11,857,670

GL Account	Description	FY 26/27 Budget	Period 1 Actual	Period 2 Actual	Period 3 Actual	FY 26/27 YTD Actual	FY 26/27 YTD Budget	FY 26/27 YTD Variance	FY 26/27 YTD Variance %	Budget Remainder
CAPITAL IMPROVEMENTS										
6997-021	Capital Improvement - CAD	745,904	295,583	0	209,510	505,093	186,476	(318,617)	-170.86%	240,811
6997-022	Capital Improvement - DRC	0	0	0	0	0	0	0	0.00%	0
6997-023	Capital Improvement - Equipment	387,964	45,814	0	10,016	55,830	96,991	41,161	42.44%	332,134
6997-024	Capital Improvement - Facility	0	0	0	0	0	0	0	0.00%	0
6997-025	Capital Improvement - Hardware	70,000	0	0	0	0	17,500	17,500	100.00%	70,000
6997-026	Capital Improvement - Software	110,000	0	0	0	0	27,500	27,500	100.00%	110,000
6997-027	Capital Improvement - Technology	50,000	0	0	0	0	12,500	12,500	100.00%	50,000
TOTAL CAPITAL IMPROVEMENTS		1,363,868	341,397	-	219,526	560,923	340,967	(219,956)	-64.51%	802,945

CASH FLOW FY 26/27	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1116 Operating - opening balance	3,134,160.87	3,909,409.62	7,004,281.63	6,096,680.24	6,096,680.24	6,096,680.24	6,096,680.24	6,096,680.24	6,096,680.24	6,096,680.24	6,096,680.24	6,096,680.24	
IN	3,566,745.97	4,103,062.47	222,603.86	-	-	-	-	-	-	-	-	-	7,892,412.30
Member Agencies Contributions	3,539,280.47	4,068,588.17	-	-	-	-	-	-	-	-	-	-	7,607,868.64
Sum of Debits	27,465.50	34,474.30	222,603.86	-	-	-	-	-	-	-	-	-	284,543.66
OUT	(2,791,497.22)	(1,008,190.46)	(1,130,205.25)	-	-	-	-	-	-	-	-	-	(4,929,892.93)
Employee Related Expenses	(374,540.00)	(390,584.81)	(460,886.97)	-	-	-	-	-	-	-	-	-	(1,226,011.78)
CalPERS Expenses	(1,062,610.89)	(252,319.99)	(357,915.98)	-	-	-	-	-	-	-	-	-	(1,672,846.86)
Operating Expenses	(1,354,346.33)	(365,285.66)	(311,402.30)	-	-	-	-	-	-	-	-	-	(2,031,034.29)
Transfer Out / Transfer In	-	-	-	-	-	-	-	-	-	-	-	-	-
1116 Operating - closing balance	3,909,409.62	7,004,281.63	6,096,680.24	6,096,680.24	6,096,680.24	6,096,680.24	6,096,680.24	6,096,680.24	6,096,680.24	6,096,680.24	6,096,680.24	6,096,680.24	
1197 CIP - opening balance	310,388.67	265,685.01	265,685.01	46,158.99	46,158.99	46,158.99	46,158.99	46,158.99	46,158.99	46,158.99	46,158.99	46,158.99	
IN	-	-	-	-	-	-	-	-	-	-	-	-	-
OUT	(44,703.66)	-	(219,526.02)	-	-	-	-	-	-	-	-	-	(264,229.68)
CAD	-	-	(209,509.54)	-	-	-	-	-	-	-	-	-	(209,509.54)
DRC	-	-	-	-	-	-	-	-	-	-	-	-	-
Equipment	(45,813.66)	-	(10,016.48)	-	-	-	-	-	-	-	-	-	(55,830.14)
Facility	-	-	-	-	-	-	-	-	-	-	-	-	-
Hardware	1,110.00	-	-	-	-	-	-	-	-	-	-	-	1,110.00
Software	-	-	-	-	-	-	-	-	-	-	-	-	-
Technology	-	-	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-	-	-
1197 CIP - closing balance	265,685.01	265,685.01	46,158.99	46,158.99	46,158.99	46,158.99	46,158.99	46,158.99	46,158.99	46,158.99	46,158.99	46,158.99	
1113 Lease - beginning balance	379,649.88	357,258.57	334,867.09	312,475.32	312,475.32	312,475.32	312,475.32	312,475.32	312,475.32	312,475.32	312,475.32	312,475.32	
IN	3.03	2.86	2.57	-	-	-	-	-	-	-	-	-	8.46
OUT	(22,394.34)	(22,394.34)	(22,394.34)	-	-	-	-	-	-	-	-	-	(67,183.02)
1113 Lease - closing balance	357,258.57	334,867.09	312,475.32	312,475.32	312,475.32	312,475.32	312,475.32	312,475.32	312,475.32	312,475.32	312,475.32	312,475.32	
1114 Reserve - opening balance	1,747,760.85	1,750,581.20	1,753,406.12	1,756,144.31	1,756,144.31	1,756,144.31	1,756,144.31	1,756,144.31	1,756,144.31	1,756,144.31	1,756,144.31	1,756,144.31	-
IN	2,820.35	2,824.92	2,738.19	-	-	-	-	-	-	-	-	-	8,383.46
OUT	-	-	-	-	-	-	-	-	-	-	-	-	-
1114 Reserve - closing balance	1,750,581.20	1,753,406.12	1,756,144.31	1,756,144.31	1,756,144.31	1,756,144.31	1,756,144.31	1,756,144.31	1,756,144.31	1,756,144.31	1,756,144.31	1,756,144.31	-
1126 HF - opening balance	491.93	811.93	716.53	1,016.53	1,016.53	1,016.53	1,016.53	1,016.53	1,016.53	1,016.53	1,016.53	1,016.53	
IN	320.00	300.00	300.00	-	-	-	-	-	-	-	-	-	920.00
OUT	-	(395.40)	-	-	-	-	-	-	-	-	-	-	(395.40)
1126 HF - closing balance	811.93	716.53	1,016.53	1,016.53	1,016.53	1,016.53	1,016.53	1,016.53	1,016.53	1,016.53	1,016.53	1,016.53	
1110 - LAIF - opening balance	524,000.00	524,000.00	524,000.00	524,000.00	524,000.00	524,000.00	524,000.00	524,000.00	524,000.00	524,000.00	524,000.00	524,000.00	-
IN	-	-	-	-	-	-	-	-	-	-	-	-	-
OUT	-	-	-	-	-	-	-	-	-	-	-	-	-
1114 Reserve - closing balance	524,000.00	524,000.00	524,000.00	524,000.00	524,000.00	524,000.00	524,000.00	524,000.00	524,000.00	524,000.00	524,000.00	524,000.00	-
TOTAL	6,283,746.33	9,358,239.85	8,211,458.86	8,211,458.86	8,211,458.86	8,211,458.86	8,211,458.86	8,212,475.39	8,212,475.39	8,212,475.39	8,212,475.39	8,212,475.39	

SRFECC Positions & Authorization Document (PAD) - Revised 09/30/2026

FY 26/27

Center Management			
Position	Authorized	Actual	Comments
Chief Executive Director	1	1	
Deputy Director of Operations	1	1	
Deputy Director of Administration	1	1	
Executive Assistant	1	1	
Totals	4	4	

Operations Division			
Position	Authorized	Actual	Comments
Dispatcher Supervisor	4	3	
Managers	3	3	
Dispatcher	42	43	
Annuitants	3	0	Extra Help
Totals	49	49	

Administration and IT Division			
Position	Authorized	Actual	Comments
Human Resource Manager	1	1	
Human Resource Technician	1	1	
CAD Administrator	1	0	
IT Manager	1	1	
Radio Communications System Analyst	1	1	
CAD Technician	1	1	
Data Technician	1	1	
GIS Analyst	1	1	
Systems Engineer	1	1	
Office Specialist	1	0	
Accounting Specialist II	1	1	
Payroll & Benefits Administrator	1	1	
Totals	12	10	

Grand Total	65	63	
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Service Anniversaries 2026

Service Anniversaries – October 2026

1. Marissa Shmatovich – 9 years
2. Tim Goodnow – 11 years
3. Catherine Rominger – 4 years
4. Olivia Sanchez – 4 years

Service Anniversaries So Far in 2026:

1. Olivia Rolling – 3 years
2. Olivia LaFace – 4 years
3. Julia McDaniel – 4 years
4. Roman Kukharets – 14 years
5. Jennifer Hottal – 3 years
6. Abby Castillo – 3 years
7. Mary White – 3 years
8. Virginia (Leni) Sina – 3 years
9. Sarah Lee – 1 year
10. Cierra Lewandowski – 28 years
11. Brad Dorsett – 13 years
12. Casey Quintard – 17 years
13. Dan Hess – 5 years
14. Alex Burns – 5 years
15. Brandy Clark – 1 year
16. Linzie Lewis – 4 years
17. Cooper Seyfer – 4 years
18. Jason Comilang – 6 years
19. Nolan Saulter – 6 years
20. Rashawn Porter – 2 years
21. Brittany Won – 3 years
22. Bayleigh Nichols – 3 years
23. Eric Kizzie – 8 years
24. Jenn Edwards – 17 years
25. Sarah Hopkins – 5 years
26. Eric Kizzie – 8 years
27. Jenn Edwards – 17 years
28. Sarah Hopkins – 5 years
29. Katherine Shelton – 14 years
30. Amanda Stone-Hodge – 7 years
31. Jenna Walkingstick – 6 years
32. Yvonne Vazquez – 9 years
33. Staci Lipsey – 1 year
34. Alicia Ilaga – 5 years
35. Tyler Stoddard – 5 years
36. Mellisa Gingery – 5 years
37. Ana Lencioni – 2 years
38. Jennifer Gonzales – 2 years
39. Alex Chavez – 2 years
40. Shelby Sherry – 2 years
41. Chia Vargo – 9 years
42. Tara Poirier – 20 years
43. Corbyn Brooker – 3 years