



ANTHONY C. MARRONE  
FIRE CHIEF  
FORESTER & FIRE WARDEN

*"Proud Protectors of Life,  
the Environment, and Property"*

## COUNTY OF LOS ANGELES FIRE DEPARTMENT

1320 NORTH EASTERN AVENUE  
LOS ANGELES, CALIFORNIA 90063-3294  
(323) 881-2401  
[www.fire.lacounty.gov](http://www.fire.lacounty.gov)



**BOARD OF SUPERVISORS**  
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FIFTH DISTRICT

October 8, 2024

# ADOPTED

BOARD OF SUPERVISORS  
COUNTY OF LOS ANGELES

63 October 8, 2024

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
500 West Temple Street  
Los Angeles, California 90012

Dear Supervisors:

*Edward Yen*  
EDWARD YEN  
EXECUTIVE OFFICER

**REQUEST TO AUTHORIZE THE USE OF THE INFORMATION TECHNOLOGY  
INFRASTRUCTURE FUND FOR THE ACQUISITION OF CRITICAL COMMUNICATION  
EQUIPMENT AND APPROVAL OF AN APPROPRIATION ADJUSTMENT FOR  
FISCAL YEAR 2024-25  
(ALL DISTRICTS) (4 VOTES)**

**CIO RECOMMENDATION: APPROVE (X) APPROVE WITH MODIFICATION ( )  
DISAPPROVE ( )**

### SUBJECT

The Consolidated Fire Protection District of Los Angeles County (District) is requesting Board of Supervisors' (Board) approval for the acquisition of critical communication equipment, which includes the purchase of 600 Motorola APX8500 mobile radios, 100 Motorola APX8000HXE portable radios, nine Technisonic TDFM-9000 airborne radios and nine radio upgrade conversion kits, and 121 Icom satellite radios, accessories, and equipment for disaster communication response.

The District also requests Board approval of an appropriation adjustment to use \$9,668,000 in one-time funding from the Information Technology Infrastructure Fund for the acquisition.

**IT IS RECOMMENDED THAT THE BOARD, ACTING AS THE GOVERNING BODY OF  
THE CONSOLIDATED FIRE PROTECTION DISTRICT OF LOS ANGELES COUNTY:**

SERVING THE UNINCORPORATED AREAS OF LOS ANGELES COUNTY AND THE CITIES OF:

AGOURA HILLS  
ARTESIA  
AZUSA  
BALDWIN PARK  
BELL  
BELL GARDENS  
BELLFLOWER  
BRADBURY  
CALABASAS

CARSON  
CERRITOS  
CLAREMONT  
COMMERCE  
COVINA  
CUDAHY  
DIAMOND BAR  
DUARTE

EL MONTE  
GARDENA  
GLEN DORA  
HAWAIIAN GARDENS  
HAWTHORNE  
HERMOSA BEACH  
HIDDEN HILLS  
HUNTINGTON PARK  
INDUSTRY

INGLEWOOD  
IRVINDALE  
LA CANADA-FLINTRIDGE  
LA HABRA  
LA MIRADA  
LA PUENTE  
LAKEWOOD  
LANCASTER

LAWNDALE  
LOMITA  
LYNWOOD  
MALIBU  
MAYWOOD  
NORWALK  
PALMDALE  
PALOS VERDES ESTATES  
PARAMOUNT

PICO RIVERA  
POMONA  
RANCHO PALOS VERDES  
ROLLING HILLS  
ROLLING HILLS ESTATES  
ROSEMEAD  
SAN DIMAS  
SANTA CLARITA

SIGNAL HILL  
SOUTH EL MONTE  
SOUTH GATE  
TEMPLE CITY  
VERNON  
WALNUT  
WEST HOLLYWOOD  
WESTLAKE VILLAGE  
WHITTIER

1. Approve the District's request and authorize the Internal Services Department (ISD), as the County's Purchasing Agent, to proceed with the acquisition of critical communication equipment.
2. Approve a Fiscal Year 2024-25 Appropriation Adjustment (Enclosure) in the Information Technology Infrastructure Fund to reallocate \$9,668,000 from Services and Supplies to Other Financing Uses and increase the District's - Special Services Budget Unit's Services and Supplies and Capital Assets - Equipment appropriations for the purchase.
3. Find that this purchase is exempt from the provisions of the California Environmental Quality Act (CEQA).

### **PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

The District requires the replacement of outdated communication equipment to maintain its operational efficiency and ensure public safety. The existing legacy information technology communication equipment has reached the end of its service life and is now obsolete, posing significant operational risks to effective and swift emergency response times.

This purchase includes the procurement of the following critical communication equipment:

- 600 Motorola APX8500 all-band mobile radios and accessories at a not to exceed cost of \$6,470,000.

The APX8500 all-band mobile radio combines unlimited interoperability, secure Wi-Fi connectivity, and integrated Bluetooth, enabling ease of installation and removal. It can easily interface and utilizes a broadband network to create an in-vehicle ecosystem for offloading data applications in the field, increasing the safety and efficiency of firefighters in and around emergency vehicles.

- 100 Motorola APX8000HXE all-band portable radios and accessories for call (aka "on-call") firefighters at an approximate cost of \$1,313,000.

Call firefighters play a crucial role in supplementing regular firefighting forces during major incidents. These APX8000HXE radios meet the National Fire Protection Agency standards for firefighting and are compatible with the Los Angeles Regional Interoperable Communications System.

- Nine Technisonic TDFM-9000 airborne multiband transceiver radios and nine radio upgrade conversion kits for District helicopters at an approximate cost of \$1,578,000.

The District operates eight helicopters that are essential for rapid aerial response. These radios and upgrades will offer improved functionality, enhanced communication capabilities, and adherence to industry standards, ensuring optimal performance for emergency response and firefighting operations.

- 121 Icom satellite radios, accessories, and equipment at an approximate cost of \$307,000.

During large-scale disasters, the ability to maintain communication is paramount. Current satellite equipment is outdated and inadequate for such situations. The proposed replacement equipment is essential for maintaining the commitment to reliable emergency response and effective communication during catastrophic events. Upgrading the infrastructure will provide enhanced reliability, extended coverage, and cost savings in the long run. Modernizing legacy technology and enhancing communication infrastructure will proactively address emergencies and maintain business continuity.

### Implementation of Strategic Plan Goals

Approval of the recommended actions is consistent with the County's Strategic Plan North Star 3.G. Internal Controls and Processes, by continually maximizing revenue, managing, and maximizing County assets, measuring impact and effectiveness of our collective efforts, and enhancing County's fiscal strength through long-term planning.

### **FISCAL IMPACT/FINANCING**

The Information Technology Infrastructure Fund, governed by the County's Information Technology Investment Board (ITIB), was established to fund Countywide or multi-departmental technology projects that improve the delivery of services to the public; generate operational improvements to one or more departments or programs; and improve interdepartmental or interagency collaboration.

On February 13, 2024, the ITIB approved \$10,544,000 in one-time funding from the Information Technology Infrastructure Fund for the District to replace critical legacy communications equipment. \$4,074,000 was approved as one-time funding for aviation radios, satellite equipment, lifeguard radios, call firefighter radios, and dispatch equipment and \$6,470,000 was approved as a loan for mobile radios.

Approval of the attached appropriation adjustment in the Information Technology Infrastructure Fund will reallocate \$9,668,000 from Services and Supplies to Other Financing Uses and increase the District's Services and Supplies and Capital Assets - Equipment appropriation for the purchase of aviation radios, satellite equipment, call firefighter radios, and mobile radios. The remaining \$876,000 of funding will be utilized to replace legacy dispatch equipment at a future date.

No new net County cost (NCC) will be required.

### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

The District is responsible for protecting the County, its citizens, the environment, and property by providing cost-effective fire protection and life safety services. Budget constraints have made it challenging to allocate funds for regular information technology upgrades as

spending is prioritized on firefighting equipment, personnel, and emergency response services, which has left less funding available for information technology infrastructure. Over time, information technology equipment and systems become outdated and may no longer meet operational needs. In addition, the District works closely with other emergency agencies during emergency responses, so ensuring interoperability with other systems is of utmost importance.

The District is seeking a multifaceted solution to address these issues and meet operational and technical requirements. By including the proposed components in the purchase, the need for extensive customizations will be vastly reduced.

This request was reviewed by the Information Technology Investment Board and presented at their November 30, 2023, meeting. The business case for this project was approved and no formal CIO Analysis is required.

### **ENVIRONMENTAL DOCUMENTATION**

This acquisition will not have a significant effect on the environment and, therefore, is exempt from CEQA, pursuant to Section 15061 (b)(3) of the CEQA Guidelines.

### **CONTRACTING PROCESS**

This is a commodity purchase under the statutory authority of the County's Purchasing Agent. The purchase will be requisitioned through and accomplished by the County's Purchasing Agent in accordance with the County's purchasing policies and procedures.

### **IMPACT ON CURRENT SERVICES**

Approval of the recommended actions will greatly enhance the District's ability to protect lives, the environment, and property in a safe, more efficient, and cost-effective manner.

### **CONCLUSION**

Upon approval by your Honorable Board, please instruct the Executive Officer of the Board to return the adopted stamped Board Letter to the following:

Consolidated Fire Protection District of Los Angeles County  
Executive Office - Business Operations  
Attention: Marissa Martin Jensen, Administrative Services Manager II  
1320 North Eastern Avenue  
Los Angeles, CA 90063  
[Marissa.MartinJensen@fire.lacounty.gov](mailto:Marissa.MartinJensen@fire.lacounty.gov)

Internal Services Department  
Purchasing and Contracts Services  
Attention: Gerald Plummer, Division Manager  
1100 North Eastern Avenue, Suite 102  
Los Angeles, CA 90063  
[GPlummer@isd.lacounty.gov](mailto:GPlummer@isd.lacounty.gov)

The District's contact can be reached at (323) 881-6173.

Respectfully submitted,



ANTHONY C. MARRONE, FIRE CHIEF

REVIEWED BY:



PETER LOO  
CHIEF INFORMATION OFFICER

ACM:cs

Enclosure

c: Chief Executive Officer  
Executive Officer, Board of Supervisors  
County Counsel  
Internal Services Department

PINK

BA FORM 10142022

BOARD OF SUPERVISORS  
OFFICIAL COPY

October 08, 2024

COUNTY OF LOS ANGELES

REQUEST FOR APPROPRIATION ADJUSTMENT

DEPARTMENT OF CHIEF EXECUTIVE OFFICER

AUDITOR-CONTROLLER:

THE FOLLOWING APPROPRIATION ADJUSTMENT IS DEEMED NECESSARY BY THIS DEPARTMENT. PLEASE CONFIRM THE ACCOUNTING ENTRIES AND AVAILABLE BALANCES AND FORWARD TO THE CHIEF EXECUTIVE OFFICER FOR HER RECOMMENDATION OR ACTION.

ADJUSTMENT REQUESTED AND REASONS THEREFORE

FY 2024-25  
4 - VOTES

SOURCES		USES	
INFORMATION TECHNOLOGY INFRASTRUCTURE FUND B16-AO-2000-40033 SERVICES & SUPPLIES DECREASE APPROPRIATION	9,668,000	INFORMATION TECHNOLOGY INFRASTRUCTURE FUND B16-AO-6100-40033 OTHER FINANCING USES INCREASE APPROPRIATION	9,668,000
FIRE DEPARTMENT - SPECIAL SERVICES BUDGET UNIT DA1-FR-96-9911-40100-40191 OPERATING TRANSFERS IN INCREASE REVENUE	9,668,000	FIRE DEPARTMENT - SPECIAL SERVICES BUDGET UNIT DA1-FR-2000-40100-40191 SERVICES & SUPPLIES INCREASE APPROPRIATION	703,000
		FIRE DEPARTMENT - SPECIAL SERVICES BUDGET UNIT DA1-FR-6030-40100-40191 CAPITAL ASSETS - EQUIPMENT INCREASE APPROPRIATION	8,965,000
SOURCES TOTAL	\$ 19,336,000	USES TOTAL	\$ 19,336,000

JUSTIFICATION

This adjustment reflects a shift in appropriation in the Information Technology Infrastructure Fund from Services and Supplies to Other Financing Uses, and increases Fire Department - Special Services Budget Unit's Services and Supplies and Capital Assets - Equipment appropriations for the acquisition of critical communication equipment.

ADOPTED

BOARD OF SUPERVISORS  
COUNTY OF LOS ANGELES  
#63 October 8, 2024

Albert Navas

Digitally signed by Albert Navas  
Date: 2024.08.29 14:30:09 -07'00'

AUTHORIZED SIGNATURE

ALBERT NAVAS, MANAGER, CEO

BOARD OF SUPERVISOR'S APPROVAL (AS REQUESTED/REVISED)

  
EDWARD YEN  
EXECUTIVE OFFICER

REFERRED TO THE CHIEF  
EXECUTIVE OFFICER FOR---

☐ ACTION



RECOMMENDATION

Andrea  
Turner

Digitally signed by  
Andrea Turner  
Date: 2024.09.24  
14:45:34 -07'00'

BY

DATE 9/24/24

AUDITOR-CONTROLLER

B.A. NO. 033



APPROVED AS REQUESTED



APPROVED AS REVISED

CHIEF EXECUTIVE OFFICER

René  
Phillips

BY

Digitally signed by  
René Phillips  
Date: 2024.09.25  
08:37:01 -07'00'

DATE