



COUNTY OF LOS ANGELES FIRE DEPARTMENT



ANTHONY C. MARRONE
FIRE CHIEF
FORESTER & FIRE WARDEN

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

1320 NORTH EASTERN AVENUE
LOS ANGELES, CALIFORNIA 90063-3294
(323) 881-2401
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October 8, 2024

ADOPTED

BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES

63 October 8, 2024

EDWARD YEN
EXECUTIVE OFFICER

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:

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

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

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

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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
EDWARD YEN
EXECUTIVE OFFICER

REFERRED TO THE CHIEF EXECUTIVE OFFICER FOR---

ACTION

APPROVED AS REQUESTED

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

APPROVED AS REVISED

AUDITOR-CONTROLLER

BY

CHIEF EXECUTIVE OFFICER

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

BY

B.A. NO. 033

DATE **9/24/24**

DATE