

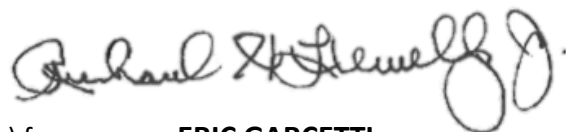
## TRANSMITTAL

To: **THE COUNCIL**

Date: **11/05/21**

From: **THE MAYOR**

**TRANSMITTED FOR YOUR CONSIDERATION. PLEASE SEE ATTACHED.**

A handwritten signature in black ink, appearing to read "Eric Garcetti". The signature is fluid and cursive, with a large loop at the end.

(Rich Llewellyn) for

**ERIC GARCETTI**  
Mayor

# LOS ANGELES POLICE COMMISSION

BOARD OF  
POLICE COMMISSIONERS

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POLICE ADMINISTRATION BUILDING  
100 WEST FIRST STREET, SUITE 134  
LOS ANGELES, CA 90012-4112

(213) 236-1400 PHONE  
(213) 236-1410 FAX  
(213) 236-1440 TDD

October 5, 2021

BPC #21-182

The Honorable Eric Garcetti  
Mayor, City of Los Angeles  
City Hall, Room 303  
Los Angeles, CA 90012

Attention: Heleen Ramirez

Dear Honorable Mayor:

RE: DONATION OF A V-ARMED VIRTUAL REALITY SYSTEM, VALUED AT  
\$1,578,660.43 FROM THE LOS ANGELES POLICE FOUNDATION FOR THE BENEFIT  
OF TRAINING BUREAU

At the regular meeting of the Board of Police Commissioners held Tuesday, October 5, 2021, the Board APPROVED the Department's report relative to the above matter.

The Board requests, subject to your approval, that this matter be forwarded to City Council for their approval.

Respectfully,

BOARD OF POLICE COMMISSIONERS

A handwritten signature in blue ink that reads "Maria Silva".

MARIA SILVA  
Commission Executive Assistant

Attachment

c: Chief of Police  
ASB

INTRADEPARTMENTAL CORRESPONDENCE

BPC 21-182  
RECEIVED  
RICHARD M. TEFANK  
EXECUTIVE DIRECTOR  
DATE 9/29/21

September 30, 2021  
14.1

RECEIVED  
SEP 29 2021  
POLICE COMMISSION

**TO:** The Honorable Board of Police Commissioners

**FROM:** Chief of Police

**SUBJECT:** APPROVAL OF NON-MONETARY DONATION

**RECOMMENDED ACTION**

1. That the Board of Police Commissioners APPROVE the Department’s Report and TRANSMIT to the Mayor and City Council for ACCEPTANCE of the following non-monetary donation of \$1,578,660.43 for Training Bureau.

**DONOR INFORMATION:**

Los Angeles Police Foundation  
Ms. Dana Katz, Executive Director  
633 West 5<sup>th</sup> Street, Suite 960  
Los Angeles, California 90071  
(213) 489-4636

**ITEMS:**

V-Armed Virtual Reality  
System (#2021-053)

**VALUE:**

\$1,578,660.43

**DISCUSSION**

This donation will fund the purchase, installation, and servicing of a V-Armed virtual reality system for Training Bureau. The V-Armed system is a large-scale motion capture virtual reality system that allows for up to ten officers to participate simultaneously within a free-roaming virtual training environment. This state-of-the-art equipment will provide a fully immersive experience for officers to train more effectively in 21<sup>st</sup> century de-escalation, mental health intervention, and empathy training. In addition, the equipment will allow officers to experience a variety of different scenarios and environments, creating impactful training to take to the field.

Approval of this grant will enable the Department to provide cutting-edge training to officers and enhance the Department’s ability to update training far more readily as needs arise. The training system will also allow the Department to better prepare for major civic events, such as the Olympics, World Cup, and other high visibility activities within Los Angeles.

The Los Angeles Police Foundation is an independent, not-for-profit organization that provides critical resources and vital support to the Los Angeles Police Department. From essential equipment and state-of-the-art technology to specialized training and innovative programs that would otherwise be unfunded, the Foundation provides funding that directly improves public safety, impacts officer readiness, and enhances the quality of life of all members of the community. As the largest source of private support for the LAPD, the Foundation is passionately dedicated to ensuring that Los Angeles remains America’s safest major city. Since being established in 1998, the Foundation has invested tens of millions of dollars in hundreds of

The Honorable Board of Police Commissioners

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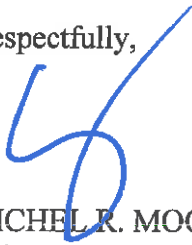
14.1

LAPD initiatives that promote excellence, expand capabilities, strengthen neighborhoods and create opportunities for at-risk youth. These actions are grounded in the beliefs that a safe city is a strong city and that together we can make a difference.

The donation has been submitted in accordance with Section 5.467 et seq. of the Los Angeles Administrative Code, which provides for the receipt and acceptance of donations to the Department.

If you have any questions, please contact Deputy Chief Marc Reina, Training Bureau, at (213) 486-7090.

Respectfully,



MICHEL R. MOORE  
Chief of Police

Attachments



# APPROVED GRANT

633 W. 5th Street, Suite 960, Los Angeles, CA 90017

Phone (213) 489-4636 FAX (213) 489-4697

email: jacqui@supportlapd.org

9/22/2021

<b>LAPF Grant #</b>	2021-053
<b>Grant Application Received:</b>	September 16, 2021
<b>Grant received from:</b>	Training Group
<b>Contact:</b>	Sergeant Andrew Cullen
<b>Phone:</b>	(213) 486-7090
<b>Grant Name:</b>	V-Armed Virtual Reality System
<b>Grant Amount:</b>	\$1,578,660.43

A handwritten signature in blue ink is located below the grant details. The signature is stylized and appears to be the name "Jacqui".



**2021 GRANT APPLICATION**

Grant Number 2021 - 053 (LAPF use only)

Date: 08/18/2021 Amount Requested \$1,578,660.43

Contact Name(s): Sgt. Andrew Cullen

Department/Unit: Training Bureau

Mailing Address: 100 W. 1<sup>st</sup> St. Rm 640. Los Angeles CA 90012

Phone Number: 213-486-7090 Fax Number: N/A

E-mail Address: 39201@lapd.online

Name of Program/Equipment requesting funding for: Motion Capture Virtual Reality System

Provide a brief description and the need for the program/equipment (use additional paper if needed):

A motion capture virtual reality system with all included equipment, Mat to cover the training center floor, installation, Electrical audio visual wiring upgrade, and a service contract for the virtual reality system.

Has this program/equipment previously been requested through the city budget?  YES  NO

If yes, please list the most recent date of submission and the result: In FY2016/2017 The Department requested \$283,000 for a VR system to go into the new training building at Elysian Park.

This technology, 5 years later, will enable large scale Virtual Reality training that is far more immersive and interactive for officers.

In FY2020/2021 the Department sought city budget funds for FOS replacement, for a possible small-scale VR System, and the funds were not approved.

**What objectives will be accomplished if the funding is granted?**

**Strategic Goal 5 – Enrich Training – Activity 3 utilize technology to enhance accessibility, frequency, and delivery of blended learning.**

**This system will provide a large-scale virtual reality training environment for 21<sup>st</sup> century de-escalation, mental health intervention and immersive empathy training. This training will provide officers with the ability to quickly experience numerous environments, times of day and types of experiences in one room and create impactful training to take to the field.**

**How many officers will be impacted with this grant?**

**The Entire department will be slated to be trained with this system.**

**How will the community be impacted by this grant?**

**This will provide the Department with a measurable way to provide training and create best practices in dealing with the mentally ill, UOF debriefs, and de-escalation.**

**The Department will be able to provide a far more immersive experience for members of the public, BOPC, City Council and other stake holders to better understand how training works. This will give a complete picture of what VR is, what challenges are faced in training and provide an opportunity for the public and the Department to have a positive interaction.**

**Describe the short-term outcome and long term impact you anticipate within the Department and in the community it serves as result of this grant.**

**In the short term the Department will be able to provide a new immersive training cutting edge training to officers and demonstrate to the public the Department's commitment to seeking new ways to train.**

**Long Term this training environment will enable the Department to provide cutting edge Mental Health, and De-Escalation training. This training system will allow the Department to better prepare for major civic events like the Olympics, World Cup and other high visibility Los Angeles activities.**

**As new training challenges are identified the VR environment will provide quick turn around to better create scenarios that look and feel like the problems identified in the field. This will all the Department a much quicker timeline for development and roll out of future training.**

**How can the Foundation evaluate success if the funding is granted? (# of people served, objectives reached, surveys, etc.)**

**Number of officers trained, incidents debriefed, and scenarios run per year.**

**Please list or attach an itemized list for expenses or a quote from equipment manufacturer on vendor's letterhead.**

Has your commanding officer approved this request?  YES  NO

Name of commanding officer: Marc R. Reina

Signature of commanding officer: \_\_\_\_\_



For questions, comments, or concerns, contact Jacqui McAndrews at (213) 489-4636 or email [jacqui@supportlapd.org](mailto:jacqui@supportlapd.org).



**INTRADEPARTMENTAL CORRESPONDENCE**

September 14, 2021  
1.12

**TO:** Chief of Police

**FROM:** Commanding Officer, Training Bureau

**SUBJECT:** LOS ANGELES POLICE FOUNDATION GRANT REQUEST

**NAME OF REQUEST:** V-ARMED VIRTUAL REALITY SYSTEM

It is requested that Training Bureau be approved for a Virtual Reality System Grant in the amount of \$1,578,660.43. Approval of this grant benefits the Department as follows:

This large-scale motion capture virtual reality system will allow for up to 10 officers to enter a large-scale immersive environment to train in de-escalation, community engagement and other tactical movements. This state-of-the-art training will transform how the Department trains personnel and how quickly the Department can update training as needs arise.

**V-Armed Virtual Reality System and Service Contract - \$1,428,000**

Attached is the quote provided for by V-Armed, which includes:

- Optical Tracking System;
- 10 Participant Tracking Kits;
- System Equipment Lab;
- Installation with travel, lodging and per diem;
- Training on operation of the system, technical manual, program management;
- A one-year in-house system operator followed by a one-week in-house system operator visit every quarter for two more years;
- Three-year annual software license and hardware warranty; and,
- Payment for license, warranty and quarterly visits will occur annually after completion of system installation.

**Power and Video updating within Training Area – \$50,000**

Upgrade power and audio-visual wiring within training area to accommodate Virtual Reality system.

**Mat Floor Covering - \$24,755.43**

Purchase and installation of automated floor covering for the training floor. The use of the mat will facilitate officers moving with backpack virtual reality systems and provide added protection if equipment were to fall. See attached quote.

**Sales Tax for V-Armed Equipment - \$75,905**

Chief of Police  
Page 2  
1.12

**Long Term Financial Maintenance**

The system will be maintained after the initial three years of service and warranty expiration with either a City of Los Angeles budgetary line item, or by securing Federal Grant Funding.

Should you have any questions please contact me at (213) 486-7090.

APPROVED:



MARC. R. REINA, Deputy Chief  
Commanding Officer  
Training Bureau



*FOR*  
DOMINIC H. CHOI, Assistant Chief  
Director, Office of Support Services

APPROVED:



MICHEL R. MOORE  
Chief of Police

Attachment