

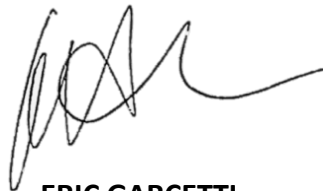
## TRANSMITTAL

To: **THE COUNCIL**

Date: **11/16/22**

From: **THE MAYOR**

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

A handwritten signature in black ink, appearing to be "Eric Garcetti", written in a cursive, flowing style.

(Andre Herndon) for

**ERIC GARCETTI**  
**Mayor**

# LOS ANGELES POLICE COMMISSION

## BOARD OF POLICE COMMISSIONERS

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COMMISSION EXECUTIVE ASSISTANT II



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MAYOR

RICHARD M. TEFANK  
EXECUTIVE DIRECTOR

MARK P. SMITH  
INSPECTOR GENERAL

EXECUTIVE OFFICE  
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

November 8, 2022

BPC #22-241

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 QUADRUPEL UNMANNED GROUND VEHICLE 'SPOT', VALUED  
AT \$277,917.80, FROM THE LOS ANGELES POLICE FOUNDATION, FOR THE  
BENEFIT OF METROPOLITAN DIVISION

At the regular meeting of the Board of Police Commissioners held Tuesday, November 8, 2022 the Board APPROVED the Department's report relative to the above matter.

This matter is being forwarded to you for approval.

Respectfully,

BOARD OF POLICE COMMISSIONERS

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

MARIA SILVA  
Commission Executive Assistant II

Attachment

c: Chief of Police

INTRADEPARTMENTAL CORRESPONDENCE

22-241  
**RECEIVED**

NOV 02 2022

**POLICE COMMISSION**

*Memorandum*

November 2, 2022  
1.14

**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 \$277,917.80 for Metropolitan Division.

**DONOR:**

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

**PURPOSE:**

Quadruped Unmanned  
Ground Vehicle SPOT  
(#2022-119)

**VALUE:**

\$277,917.80

**DISCUSSION**

This donation will provide a Quadruped Unmanned Ground Vehicle (QUGV) for the Metropolitan Division's Special Weapons and Tactics (SWAT) team. The equipment will enhance officer safety, while also reducing the potential for violent encounters with armed individuals when dealing with high-risk incidents that meet SWAT criteria. The QUGV will also prevent the need to insert SWAT or canine personnel into spaces where an armed individual could be hidden despite the introduction of chemical agents. The infrared camera, arm, and payload capability would also add an additional layer of safety prior to inserting personnel or canines.

Although there are various types of terrestrial robotics currently in use by the SWAT, each relies on wheels or tracks that can easily become entangled in clutter or obstacles such as stairs. The QUGV will fill a critical gap as its design and movement mimics that of a live canine, without the need to have a handler or cover officers positioned in close proximity.

Proposed guidelines and procedures for the deployment of the QUGV is consistent with the newly established Department Manual Section 1/140.15, Acquisition and Annual Reporting of Certain Information Systems and Technologies.

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 (LAPD). 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 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 Captain Mario Mota, Metropolitan Division, at (213) 352-4700.

Respectfully,

A handwritten signature in blue ink, appearing to read "MICHEL R. MOORE", with a large, stylized loop at the end.

MICHEL R. MOORE  
Chief of Police

Attachments



# APPROVED GRANT

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

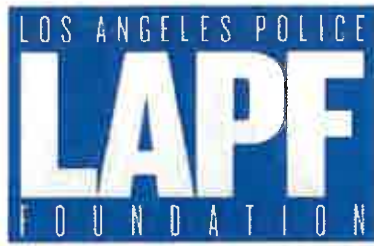
Phone (213) 489-4636 FAX (213) 489-4697

email: jacqui@supportlapd.org

11/2/2022

<b>LAPF Grant #</b>	2022-119
<b>Grant Application Received:</b>	October 31, 2022
<b>Grant received from:</b>	Metropolitan Division- SWAT
<b>Contact:</b>	Lieutenant Ruben Lopez
<b>Phone:</b>	(213) 352-4800
<b>Grant Name:</b>	Unmanned Ground Vehicle SPOT
<b>Grant Amount:</b>	\$277,917.80

A handwritten signature in blue ink, appearing to read "Jacqui", is located below the grant details.



## 2022 GRANT APPLICATION

Grant Number **2022-119** (office use only)

Date: October 27, 2022 Amount Requested: \$277,917.80

Contact Name(s): Lieutenant Ruben Lopez, Serial No. 25900

Department/Unit: LAPD METROPOLITAN DIVISION – SPECIAL WEAPONS AND TACTICS

Mailing Address: 2710 w. Temple Street, Los Angeles, CA 90026

Phone Number: (213) 352-4800 Fax Number: N/A

E-mail Address: 25900@lapd.online

Name of Program/Equipment requesting funding for: Quadruped Unmanned Ground Vehicle (QUGV) - SPOT

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

The QUGV will be utilized by the Special Weapons and Tactics (SWAT) team and would enhance officer safety, while also reducing the potential for violent encounters with armed individuals when dealing with high-risk incidents that meet SWAT criteria. Securing this remote-controlled QUGV would prevent the need to insert SWAT or canine personnel into spaces where an armed individual could be hidden despite the introduction of chemical agents. The infrared camera and arm, as well as payload capability would add an additional layer of safety prior to inserting personnel or canines.

Although there are various types of terrestrial robotics currently in use by SWAT, each relies on either wheels or tracks that can easily become entangled in clutter or obstacles such as stairs. The requested QUGV would fill a critical gap as its design and movement mimics that of a live canine, but without the need to have a handler or cover officers positioned in close proximity.

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: \_\_\_\_\_

If no, please explain the reason why it was not submitted:

Although it was not requested via the Department budget, it was requested through a Restricted Grant Donation. Unfortunately, due to changing Departmental policies on the use of technology, the process to acquire the QUGV has been delayed. In addition, there is no Department funding for new SWAT equipment such as this QUGV being requested.

What objectives will be accomplished if the funding is granted?

The primary objective would be officer safety while at the same time, reducing the likelihood of a violent encounter with armed suspects that meet the SWAT deployment criteria.

How many officers will be impacted with this grant?

The SWAT unit has approximately 60 full-time SWAT Officers. All will benefit from the acquisition of this technology and limit their exposure to potentially deadly and violent encounters with armed suspects. The Department as a whole will also benefit as SWAT responds to requests from Patrol and Specialized Units.

How will the community be impacted by this grant?

The use of deadly force by law enforcement officers erodes community trust in a matter of seconds. The use of the QUGV will reduce those likely encounters, thus limiting the number of times SWAT will resort to the use of lethal force. Less instances of lethal force will garner more community trust. The use of the QUGV will also keep the community safe as it will be deployed at barricaded suspect and high-risk warrant situations.

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.

The impact of the QUGV short and long term are the same. It will build trust within the community as officers will have a high tech tool to limit the use of lethal force and force in general.

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

After every SWAT deployment to barricaded incidents, an After Action Report is completed. The use of the QUGV will be documented within the After Action and available for review. In addition, new policies will require the reporting of the QUGV deployment.

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

Attached to this Grant Request is a quote.

It should be noted that in April of 2022, a Grant Request was submitted for the QUGV. The original price / quote was in the amount of \$172,479.00. Since then, the revised quote is in the amount of \$277,917.80.

The increase in price from the original quote is as follows:

The original quote did not include the purchase of the SPOT Arm. Per the COP, he wanted the Arm included.

**+\$64,000.00**

The original price of SPOT increased from \$72,000 to \$99,200.00

**+\$27,200.00**

The original warranty did not include the Arm. With the Arm, the warranty price has increased from \$19800 to \$24,800.

**+\$5,000.00**

Due to the delay in acquisition, there is now required training from the manufacturer to the end-user.

**+\$6494.00**

Taxes have been added due to the LAPF being a non-governmental agency (Not for Profit organization)

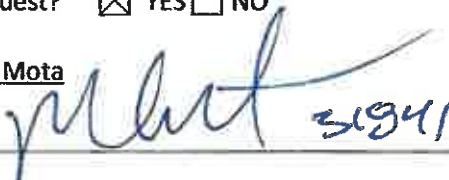
**+\$25,265.25**

The increase in price is primarily due to the desire to purchase SPOT with an Arm which will greatly improve the use of SPOT. The added cost are due to inflation, taxes, required training and increase in warranty.

Has your commanding officer approved this request? ☒ YES ☐ NO

Name of commanding officer: Captain Mario Q. Mota

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



For questions, comments, or concerns, contact Tracy Szepeinski at (213) 489-4636 or email [tracy@lapolicefoundation.org](mailto:tracy@lapolicefoundation.org).





FLYMOTION  
800-548-5844

4416 Eagle Falls Pl.  
Tampa, Florida  
33619-9611  
United States

Prepared For  
**Officer Billy Lee**  
Los Angeles Police Department  
Metropolitan Division  
2710 West Temple St.  
Los Angeles, California  
90026  
United States

Estimate Date  
10/18/2022

Estimate Number  
107761

Description	Rate	Qty	Line Total
<b>SPOT Enterprise Package</b> <ul style="list-style-type: none"><li>• Base platform: Spot with the current software release</li><li>• Spot battery (qty 2)</li><li>• Spot battery charger (power loader) with cables</li><li>• JXD tablet controller with the then current software release</li><li>• Micro-USB charger for JXD tablet</li><li>• Storage and transportation case for Spot and accessories</li></ul>	\$99,200.00	1	\$99,200.00
<b>SPOT Arm</b> <ul style="list-style-type: none"><li>• Equipped to operate through both semi-autonomous actions and telemanipulation, the arm will open doors, pick, place, push, or drag objects, and adapt to new situations at the push of a button or swipe of a screen.</li></ul>	\$64,000.00	1	\$64,000.00
<b>Spot CARE w/ Arm</b> Spot CARE Service Plan Included: <ul style="list-style-type: none"><li>• 100% coverage on your Spot robot for the first 12 months</li><li>• Unlimited repairs*</li><li>• Unlimited replacement*</li><li>• Repair or replacement time: &lt;10 business days</li><li>• Includes Arm</li></ul>	\$24,800.00	1	\$24,800.00
*Subject to our Terms and Conditions of Sale			
<b>Boston Dynamics Spot Cam+ IR</b> Payload: Boston Dynamics Spot CAM+ IR	\$38,950.00	1	\$38,950.00
<b>FLYMOTION Ridgeback System w/Starter Kit</b> 1x FLYMOTION Ridgeback (S-Band)	\$37,979.00	1	\$37,979.00

1 x Ridgeback Kit for SPOT (Chasis, batteries, antennas, cables)  
 1 x Radio for Operator (Chasis, batteries, antennas, cables)  
 1 x Controller  
 1 x Android Tablet  
 1 x Juggernaut Case & Mount

FM Custom Spot Design	\$1,500.00	1	\$1,500.00
- Receive your agencies colors logos or crest on the robot.			

UTAC 2 Day Training (Client Location)	\$6,494.00	1	\$6,494.00
Unmanned Tactical Application Course: *UGV Familiarization and Implementation*			

Up to 6 students  
 Each additional student is \$999

This is a custom tailored training for the end-user involving all aircraft, hardware, and software used by the end-user. Trainees will learn to use both aircraft, hardware, and any accompanying software to complete missions necessary to the end-users success.

Shipping	\$3,200.00	1	\$3,200.00
Ground Shipping (Insured)			

Subtotal	276,123.00
8.5% Discount	-23,470.46
Tax	0.00

Estimate Total (USD)	\$252,652.54
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<b>Grand Total</b> (With 10% Tax)	<b>\$277,917.80</b>
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#### Terms

- Payment due upon receipt (unless other terms have been agreed upon).
- Pricing valid for 45 days from the date issued.
- 3% Convenience charge on orders more than 2500.00 for credit card processing.
- Send orders to [sales@flymotionus.com](mailto:sales@flymotionus.com).
- Lead time will be confirmed upon receipt of a valid PO.
- Please inquire about our Training Classes.

## INTRADEPARTMENTAL CORRESPONDENCE

October 27, 2022  
16.3

**TO:** Chief of Police

**FROM:** Assistant Commanding Officer, Metropolitan Division

**SUBJECT:** LOS ANGELES POLICE FOUNDATION GRANT REQUEST  
UNRESTRICTED ACCOUNT – SPOT GRANT

It is requested that Metropolitan Division be approved to pursue a grant from the Los Angeles Police Foundation to purchase a cutting-edge, Quadruped Unmanned Ground Vehicle (QUGV) manufactured by Flymotion - Boston Dynamics and known as SPOT. Approval of this grant would greatly benefit the Department as follows.

The QUGV will be utilized by the Special Weapons and Tactics (SWAT) team and would enhance officer safety, while also reducing the potential for violent encounters with armed individuals when dealing with high-risk incidents that meet SWAT criteria. Securing this remote-controlled QUGV would prevent the need to insert SWAT or canine personnel into spaces where an armed individual could be hidden despite the introduction of chemical agents. The infrared camera and arm, as well as payload capability would add an additional layer of safety prior to inserting personnel or canines.

Although there are various types of terrestrial robotics currently in use by SWAT, each relies on either wheels or tracks that can easily become entangled in clutter or obstacles such as stairs. The requested QUGV would fill a critical gap as its design and movement mimics that of a live canine, but without the need to have a handler or cover officers positioned in close proximity.

Metropolitan Division is submitting a grant request to the Los Angeles Police Foundation to fund the purchase cost for the QUGV, in the amount of \$277,917.80.

If there are any questions concerning this request, please have a member of your staff contact Lieutenant Ruben Lopez, SWAT Officer in Charge, at [25900@lapd.online](mailto:25900@lapd.online), or (213) 352-4700.



MARIO Q. MOTA, Captain  
Assistant Commanding Officer  
Metropolitan Division

APPROVED:



DAVID L. KOWALSKI, Deputy Chief  
Commanding Officer  
Counter-Terrorism and Special Operations Bureau

Chief of Police

Page 2

16.3

APPROVED:

A handwritten signature in blue ink, appearing to read 'AL LABRADA', with a long horizontal flourish extending to the right.

AL LABRADA, Assistant Chief  
Director, Office of Special Operations

APPROVED:

A handwritten signature in blue ink, appearing to read 'MICHEL R. MOORE', with a large, stylized loop at the end.

MICHEL R. MOORE  
Chief of Police

Attachments