



CITY OF COVINA

INTER-OFFICE MEMORANDUM

DATE: April 3, 2023
TO: David Povero, Chief of Police
FROM: Daniel Regan, Police Captain
SUBJECT: Annual Military Equipment Report 2022

Introduction

Assembly Bill (AB) 481 requires law enforcement agencies to obtain approval of the applicable governing body, by adoption of a military equipment use policy, as specified by ordinance, prior to taking actions related to the funding, acquisition, or use of military equipment. The term military equipment is defined within AB 481. Under this definition, military equipment is available to law enforcement through the military or via private companies.

On March 15, 2022, the Covina Police Department (CPD) approved Policy Section 706, which includes a military equipment inventory and supporting document. This policy and document are maintained by the CPD and posted on our website for the public. The policy was adopted by the applicable governing body (City Council) by ordinance on April 19, 2022.

CPD Policy § 706.7 requires an annual report to be submitted to the City Council for review via the Chief of Police as long as the military equipment is available for use. The report shall include information from the preceding calendar year for each type of military equipment listed in the inventory. This memorandum serves as the annual report covering the dates between March 15, 2022 through December 31, 2022.

Report

(1) Military Equipment Use and Purpose

In an effort to track Military Equipment use and purpose within the Department to address AB 481 reporting requirements, documents were changed and/or created within the Department to meet this need. Changes were made to a document used by the Special Response Team (SRT) referred to as an After-Action Report (AAR). This AAR summarizes training and operations by SRT. A new document was created to track military equipment use and purpose during training by the Department (excluding SRT). An Addendum to the Department Use of Force report was created and an AAR, specifically designed for use by for the newly formed Unmanned Aircraft Systems

(UAS) Team, was also created. These documents were reviewed during the above-mentioned 2022 time span and utilized to prepare this memorandum. A summary of the use and purpose of use of military equipment during the above-mentioned dates is as follows:

Unit	Date	Incident No.	AB 481 Equipment Used & Purpose
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Patrol	5/27/2022	22-14410	Kinetic Energy Munitions (40mm / Bean Bag)
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Purpose: Officers deployed (1) 40mm projectile from a designated launcher and (3) bean bag projectiles from a designated launcher on a subject who entered the rear lot of the police department armed with a knife. Equipment used to effect an arrest and defense of self/others.

Patrol	12/29/2022	22-36796	ARV / Kinetic Energy Munitions (Bean Bag)
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Purpose: Officers used the ARV Mamba for tactical (cover and concealment) reasons during a vehicle barricade involving one occupant. Officers deployed (1) bean bag at the vehicle window in order to gain access to the inside of the vehicle since it was locked. Subject inside the vehicle exited the vehicle after the window was broken. Subject was detained. Equipment used for tactical reasons and to effect an arrest (detention).

SRT	5/6/2022	22-12305	ARV / LRAD / Command & Control Vehicle
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Purpose: SRT personnel assisted an outside jurisdiction (Azusa PD) with the service of a search warrant. SRT personnel used the ARV Mamba for tactical (cover and concealment) reasons. The LRAD was used for announcements during the service of the search warrant and a marked CPD Chevy Tahoe was used for Command & Control purposes by SRT Supervision. The search warrant was served.

SRT	6/7/2022	N/A	ARV
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Purpose: SRT personnel assisted an outside jurisdiction (Azusa PD) with the service of a search warrant. SRT personnel used the ARV Mamba for tactical (cover and concealment) reasons during the service of this warrant. The search warrant was served.

SRT	6/24/2022	22-17267	Command & Control Vehicle / LRAD / NFD
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Purpose: SRT personnel served a CPD search warrant. A marked CPD Chevy Tahoe was used for Command & Control purposes by SRT Supervision. The mobile LRAD was used for announcements during the service of the search warrant. (2) NFD were used for diversionary purposes during the service of the search warrant. The search warrant was served.

Unit Date Incident No. AB 481 Equipment Used & Purpose (Continued)

SRT 7/22/2022 22-20103 ARV / LRAD / Command & Control Vehicle

Purpose: SRT personnel assisted an outside jurisdiction (Azusa PD) with the service of a search warrant. SRT personnel used the ARV Mamba for tactical (cover and concealment) reasons during the service of the search warrant. The LRAD was used for announcements during the service of the search warrant. A marked CPD Chevy Tahoe was used for Command & Control purposes by SRT Supervision. The search warrant was served.

SRT 8/4/2022 N/A ARV / LRAD / Robot / Drone / Command & Control Vehicle

Purpose: SRT personnel assisted an outside jurisdiction (West Covina PD) with the service of search warrant. SRT personnel used the ARV MRAP for tactical (cover and concealment) reasons during the service of the search warrant. The LRAD was used for announcements during the service of the search warrant. The Robot was used for searching purposes in difficult areas hard to clear and/or poised a high risk to personnel. The drone was used to provide overwatch of the service of this search warrant. A marked CPD Chevy Tahoe was used for Command & Control purposes by SRT Supervision. The search warrant was served.

SRT 10/13/2022 N/A ARV

Purpose: SRT personnel assisted an outside jurisdiction (Azusa PD) with the service of a search warrant. SRT personnel used the ARV Mamba for tactical (cover and concealment) reasons during the service of the search warrant. The search warrant was served.

Training 3/16/2022 N/A Chemical Munitions (Inert) / Kinetic Energy Munitions (Training and Bean Bag)

Purpose: The Firearms Training Unit trained a new officer(s). Inert Pepperball from a designated launcher was used, several 40mm training rounds from a designated launcher was used and (1) bean bag was utilized from a designated launcher.

Training 4/13/2022 N/A Chemical Munitions (Inert) / Kinetic Energy Munitions (Training and Bean Bag)

Purpose: The Firearms Training Unit trained new officer(s). Inert Pepperball was used from a designated launcher, several 40mm training rounds was used from a designated launcher and (2) bean bags were utilized from a designated launcher.

Unit Date Incident No. AB 481 Equipment Used & Purpose (Continued)

Purpose: The Firearms Training Unit trained new officer(s). Inert Pepperball was used from a designated launcher, several 40mm training rounds were used from a designated launcher and (2) bean bags were utilized from a designated launcher.

Training 9/21/2022 N/A Chemical Munitions (Inert) /Kinetic Energy
Munitions (Training and Bean Bags)

Purpose: The Firearms Training Unit trained new officer(s). Inert Pepperball from a designated launcher was used, several 40mm training rounds from designated launcher were used and (10) bean bags were utilized.

Department 10/4/2022 22-27072 Robot / ARV / Command & Control Vehicle / Drone

Purpose: The CPD hosted National Night Out (NNO). The Robot was used by for display purposes. The public was allowed to maneuver the robot under the guidance of SRT personnel. The ARV MRAP was used for display purposes and the public was allowed to enter the vehicle. A marked CPD Chevy Tahoe was used for display purposes and Command & Control purposes for the NNO event. The drone was used by UAS Team personnel for display and overwatch purposes during the NNO event. Personnel interacted with the public, including answering questions from the public regarding equipment on display.

Department 12/3/2022 N/A Command & Control Vehicle / ARV / Drone

Purpose: The City of Covina Annual Covina Christmas Parade. The CPD was responsible for security during this event. The Area D Command & Control vehicle was used for command purposes by CPD Supervision. The ARV MRAP and ARV Mamba were used along the parade route with designated personnel for security purposes per the designated Operations Plan. During the parade, the drone was requested due to a threat to the public and/or participants at the parade that was being investigated by the CPD.

SRT 4/26/2022 N/A Robot

Purpose: SRT used the robot during their designated stealth searching tactics training.

SRT 8/24/2022 N/A Robot / Chemical Munitions

Purpose: SRT personnel used the robot during their training. SRT also used live Pepperball (>20) using a designated launcher during their training.

Unit Date Incident No. AB 481 Equipment Used & Purpose (Continued)

SRT 9/22/2022 N/A Robot

Purpose: SRT personnel used the robot during their training.

SRT 11/22/2022 N/A Robot / Kinetic Energy Munitions

Purpose: SRT personnel used the robot during their training. SRT personnel also used 40mm training munitions using a designated launcher during their training.

SRT 12/13/2022 N/A Chemical Munitions

Purpose: SRT personnel used (2) Spede Heat CS gas devices and utilized their gas masks during their training.

SRT 12/20/2022 N/A Drone

Purpose: SRT personnel requested the UAS Team to demonstrate the capabilities of the two UAV devices owned by the Department during their training.

The Department added (2) Unmanned Aerial Vehicles (UAV) oftentimes referred to as drones which will be used by the Department UAS Team. These UAVs were acquired through private donations and approved by the City Council. The UAVs were acquired for use for the purpose of supporting law enforcement operations within the Department. CPD policy section 606 governs the use of these devices. The following is a spreadsheet showing the use of each device by make/model and identification since they were acquired. The spreadsheets indicate date used, the assigned incident number documenting use, purpose and the flight time. Flight time is measured numerically (.1 equals or <6 minutes).

UAS Make/Model: Autel Evo 2

UAS Identification: U1

Date	Incident #	Total Flight Time
6/17/2022	22-16591	.3
6/22/2022	22-17073	.3
6/27/2022	22-17571	.3
7/9/2022	22-18812	.4
7/18/2022	22-19946	1.3
7/29/2022	22-20875	.5
8/4/2022	22-21377	1.4
10/4/2022	22-27072	.8
11/1/2022	22-31024	.6

11/11/2022	22-31803	.9
12/1/2022	22-9937	.1
12/3/2022	22-27290	.8
12/19/2022	22-35801	.3
12/20/2022	22-35992	.2

UAS Make/Model: Autel Lite

UAS Identification: U2 Champ

Date	Incident #	Total Flight Time
11/5/2022	22-31465	.4
11/9/2022	22-31887	.3
12/3/2022	22-27290	.5

(2) Complaints or Concerns

The CPD did not receive any complaints from the public regarding the use of military equipment as described under CPD Policy 706.10.

(3) Internal Audit, Violation(s) and Action(s)

An internal audit of how the Department used military equipment did not reveal any significant issues and/or violations that required any actions by the Department. An issue was noticed in regards to inventory or count, specifically between the 2022 inventory and the 2023 inventory, as it relates to quantity of items. The first issue was discovered during the 2023 inventory which revealed a total of (31) NFD (item number 26) devices. This count included (15) complete devices (metal body plus fuse) and (16) devices (fuse only). It was determined the 2022 inventory or count only included complete NFDs (metal body and fuse) which is the configuration an NFD should be in for deployment purposes and did not include the fuses without a metal body.

A second issue was also discovered during the 2023 inventory or count. The 2023 inventory revealed a discrepancy in the type of chemical munitions in the 2022 inventory. The difference involved the quantity of item number 29 (CTS 5230 Indoor Baffled munition) and the quantity of item number 35 (Def-Tech Instantaneous Blast). The 2023 inventory for item number 29 was (3) CTS 5230 Indoor Baffled munitions and for item number 35 was (4) Def-Tech Instantaneous Blast munitions. The sum of these two items in the 2022 inventory and the 2023 inventory was the same but the type of munitions recorded was done in error in the 2022 inventory.

The third issue discovered was (1) additional 40mm sponge round (item number 51) was accounted for during the inventory or count which would bring our 2023 inventory to (38) 40mm sponge rounds.

The above-mentioned issues were addressed with Department staff who assist in this inventory. It was also determined the method of determining the quantity for item numbers 41 and 52 henceforth will be determined by rounds in manufacturer packaging and will not include rounds in designated less lethal shotgun side saddle(s) and/or Pepperball hopper(s) and/or carrying case(s). The use of the symbols for less than and greater than will be used when applicable.

(4) Annual Cost

In 2022, the City Council approved the Military Equipment Inventory-2022 document. This document included the projected annual cost (funds) for the acquisition, maintenance, repair, upgrade, replacement and ongoing costs of military equipment. Equipment is assigned an item number within this list and will be referred to by number henceforth.

Item numbers 1-18 (Ground Robots) did not require any funds as projected in 2022. The majority of these devices are kept for parts.

Item number 19 (ARV-MRAP) did not require any funds as projected other than fuel costs in 2022. Fuel for the ARV-MRAP is acquired through the fuel tank dispensary system at Public Works and billed to the Department.

Item number 20 (ARV-Mamba) had two maintenance related costs in 2022 along with fuel costs. Fuel for the ARV-Mamba is acquired through the fuel tank dispensary system at Public Works and billed to the Department. The first maintenance related cost on the ARV-Mamba was in April 2022 for \$813.08. The second maintenance related cost on the ARV-Mamba was in August 2022 for \$375.00.

Item numbers 21-25 (LRAD) did not require any funds as projected in 2022. Item numbers 26-36 did not require any funds as projected in 2022. Item number 37 (Chemical Agent Kit and related contents) and item number 38 (Launcher) did not require any funds as projected in 2022.

Item numbers 39-54 (Launcher/Pepperball/40mm Munitions/Bean Bag Munitions/Breaching Munitions/Launching Devices) did not require any funds as projected in 2022.

As mentioned above in section one of this report, the Department added (2) UAV devices in 2022. These devices were not in the original Military Equipment Inventory-2022 document due to the devices being acquired after the initial document was approved. Both of these devices were acquired through private donations for the purpose of developing a UAS program at the CPD. Funds for this program were approved by the City Council prior to acquisition.

The first UAV was an Autel Evo 2 640T. The cost of this device was \$9,230.00. Registration for this device through the FAA was \$5.00. The second UAV was an Autel Lite. The cost of this device was \$1,183.40. Registration for this device through the FAA was \$5.00. These two devices will be added to the Military Equipment Inventory-2023 document which will be addressed in section of five of this report.

(5) Quantity

See attached CPD Military Equipment Inventory-2023 document for further details.

(6) Additional Military Equipment-2023

The Department will be researching available grant funding for additional military equipment, specifically (1) armored vehicle, such as a Lenco Bearcat or similar vehicle, and (1) Command and Control vehicle. The purpose of the research pertaining to the armored vehicle is to replace and/or add an armored vehicle to our inventory. The purpose of the research pertaining to the Command and Control vehicle is to add a Command and Control vehicle to our inventory for mobile command operations. A possible source of funding for the Command and Control vehicle would be sought through the Cannabis Tax Fund Grant Program (CTFGP).

The Department may need to acquire and/or replenish a certain quantity of items listed within the Military Equipment Inventory-2023 document, specifically breaching, NFD, chemical and kinetic munitions, in order to maintain stock of these items for future law enforcement use. The type (make and manufacturer) would be similar to those listed in the Military Equipment Inventory-2023 document and quantity would be determined based on projected need at the time of purchase.

Any other military equipment, that falls outside or is not reflected in the Military Equipment Inventory-2023 document, sought by the Department will be brought to the attention of the City Council prior to acquisition.

Other

On August 15, 2022, the Defense Logistics Agency sent a memorandum to the Law Enforcement Support Office (LESO) Program. The memorandum was an addendum to the existing State Plan of Operation referred to as the SPO Addendum. The addendum implements requirements found within Presidential Executive Order (EO) 14074 “Advancing Effective, Accountable Policing and Criminal Justice Practices to Enhance Public Trust and Public Safety”.

The CPD reviewed this memorandum due to our participation in the LESO Program. Chief of Police David Povero signed the SPO Addendum and related documents on December 13, 2022. The Department sent the signed documents as required to the State Point of Contact which were received by Janice Barnes on December 14, 2022.

Conclusion

In 2022, the CPD developed and approved Department Policy 706 pertaining to military equipment as defined by AB 481. The purpose of this policy was to provide guidelines for the approval, acquisition and reporting requirements of military equipment per Government Code 7070, Government Code 7071 and Government Code 7072. This memorandum serves as the 2022 Military Equipment Annual Report and will be submitted to the Chief of Police. Upon approval by the Chief of Police, the report will be submitted to the City Council and posted on the Department website as required. Within (30) days of submitting and publicly releasing this report, the Department will announce a community engagement meeting as required.

Submitted by: Daniel Regan, Police Captain

Reviewed & Approved by: David Povero, Chief of Police

Date: April 3, 2023

Report Release to Public Date via Department Website: TBD

Public Meeting (within 30 Days of Report Release)

- Date: April 27, 2023
- Time: 0900-1000 hours
- Location: City Hall-Council Chambers
125 E. College Street Covina, CA 91723
- Publication of Meeting and Source: Department Website

ATTACHMENT

COVINA POLICE DEPARTMENT
AB 481 MILITARY EQUIPMENT-2023

Military Equipment Inventory per CPD Policy 706.4 (2023)							
#	DEPARTMENT	LESO PROGRAM (Y/N)	ACTIVE (Y/N)	COMMODITY	ITEM NAME	COST	QTY
1	CA COVINA POLICE DEPT	Y	Y	GROUND ROBOT	PACKBOT 510 WITH FASTAC REMOTELY CONTROLLED VEHICLE	\$77,000.00	1
2	CA COVINA POLICE DEPT	Y	N	GROUND ROBOT	PACKBOT 510 WITH FASTAC REMOTELY CONTROLLED VEHICLE	\$77,000.00	1
3	CA COVINA POLICE DEPT	Y	Y	GROUND ROBOT	PACKBOT 510 WITH FASTAC REMOTELY CONTROLLED VEHICLE	\$77,000.00	1
4	CA COVINA POLICE DEPT	Y	N	GROUND ROBOT	UNMANNED VEHICLE.GROUND	\$187,312.00	1
5	CA COVINA POLICE DEPT	Y	Y	GROUND ROBOT	UNMANNED VEHICLE.GROUND-SUGVXM 1216 (PACK BOT)	\$187,312.00	1
6	CA COVINA POLICE DEPT	Y	N	GROUND ROBOT	UNMANNED VEHICLE.GROUND	\$187,312.00	1
7	CA COVINA POLICE DEPT	Y	Y	GROUND ROBOT	UNMANNED VEHICLE.GROUND-SUGVXM 1216 (PACK BOT)	\$187,312.00	1
8	CA COVINA POLICE DEPT	Y	Y	GROUND ROBOT	UNMANNED VEHICLE.GROUND (THROWBOT RECON SCOUT)	\$12,704.58	1
9	CA COVINA POLICE DEPT	Y	N	GROUND ROBOT	UNMANNED VEHICLE.GROUND	\$12,704.58	1
10	CA COVINA POLICE DEPT	Y	N	GROUND ROBOT	UNMANNED VEHICLE.GROUND	\$12,704.58	1
11	CA COVINA POLICE DEPT	Y	Y	GROUND ROBOT	UNMANNED VEHICLE.GROUND (THROWBOT RECON SCOUT)	\$12,704.58	1
12	CA COVINA POLICE DEPT	Y	N	GROUND ROBOT	UNMANNED VEHICLE.GROUND	\$12,704.58	1
13	CA COVINA POLICE DEPT	Y	N	GROUND ROBOT	UNMANNED VEHICLE.GROUND (THROWBOT RECON SCOUT)	\$12,704.58	1
14	CA COVINA POLICE DEPT	Y	Y	GROUND ROBOT	UNMANNED VEHICLE.GROUND	\$12,704.58	1
15	CA COVINA POLICE DEPT	Y	N	GROUND ROBOT	UNMANNED VEHICLE.GROUND (THROWBOT RECON SCOUT)	\$12,704.58	1
16	CA COVINA POLICE DEPT	Y	Y	GROUND ROBOT	UNMANNED VEHICLE.GROUND	\$12,704.58	1
17	CA COVINA POLICE DEPT	Y	N	GROUND ROBOT	UNMANNED VEHICLE.GROUND	\$12,704.58	1
18	CA COVINA POLICE DEPT	Y	N	GROUND ROBOT	UNMANNED VEHICLE.GROUND	\$12,704.58	1
19	CA COVINA POLICE DEPT	Y	Y	ARMORED VEHICLE	MRAP (MINE RESISTENT AMBUSH PROTECTED)-ARMORED VEHICLE	\$658,000.00	1
20	CA COVINA POLICE DEPT	Y	Y	ARMORED VEHICLE	MAMBA-ARMORED PERSONNEL CARRIER VEHICLE	\$380,000.00	1
21	CA COVINA POLICE DEPT	Y	Y	LRAD-SOUND SYSTEM	LONG RANGE ACOUSTIC DEVICE (LRAD) PORTABLE SYSTEM	UNKNOWN	1
22	CA COVINA POLICE DEPT	Y	Y	LRAD-SOUND SYSTEM	LONG RANGE ACOUSTIC DEVICE (LRAD) PORTABLE SYSTEM	UNKNOWN	1
23	CA COVINA POLICE DEPT	Y	N	LRAD-SOUND SYSTEM	LONG RANGE ACOUSTIC DEVICE (LRAD) PORTABLE SYSTEM	UNKNOWN	1
24	CA COVINA POLICE DEPT	Y	N	LRAD-SOUND SYSTEM	LONG RANGE ACOUSTIC DEVICE (LRAD) MOUNTED SYSTEM W/UNIT	UNKNOWN	1
25	CA COVINA POLICE DEPT	Y	Y	LRAD-SOUND SYSTEM	LONG RANGE ACOUSTIC DEVICE (LRAD) MOUNTED SYSTEM W/UNIT	UNKNOWN	1
26	CA COVINA POLICE DEPT	N	Y	NFD	NOISE FLASH DEVICE (NFD)/RELOADABLE #8901-DEFENSE TECHNOLOGY	\$34.41	31
27	CA COVINA POLICE DEPT	N	Y	CS CHEMICAL AGENT	SPEDE-HEAT #1072-DEFENSE TECHNOLOGY	\$31.05	7
28	CA COVINA POLICE DEPT	N	Y	CS CHEMICAL AGENT	FLAMELESS TRI-CHAMBER #1032-DEFENSE TECHNOLOGY	\$38.41	5
29	CA COVINA POLICE DEPT	N	Y	CS CHEMICAL AGENT	5230 INDOOR BAFFLED #5230B-CTS (COMBINED TACTICAL SYSTEMS)	\$49.75	3
30	CA COVINA POLICE DEPT	N	Y	SMOKE	MIL/MAX SMOKE #1083-DEFENSE TECHNOLOGY	\$36.90	8
31	CA COVINA POLICE DEPT	N	Y	SMOKE	SAF-SMOKE # 1063-DEFENSE TECHNOLOGY	\$30.70	2
32	CA COVINA POLICE DEPT	N	Y	CS CHEMICAL AGENT	POCKET TACTICAL #1016-DEFENSE TECHNOLOGY	\$26.41	2
33	CA COVINA POLICE DEPT	N	Y	CS CHEMICAL AGENT	37MM LIQUID FERRET #1162-DEFENSE TECHNOLOGY	\$22.30	15
34	CA COVINA POLICE DEPT	N	Y	CN CHEMICAL AGENT	37 MM POWDER FERRET #1191-DEFENSE TECHNOLOGY	\$24.70	8
35	CA COVINA POLICE DEPT	N	Y	CS CHEMICAL AGENT	INSTANTANEOUS BLAST #1042-DEFENSE TECHNOLOGY	\$49.82	4
36	CA COVINA POLICE DEPT	N	Y	OC-PEPPER	AEROSOL OC (OLEORESIN CAPSICUM) VAPOR #1056-DEFENSE TECHNOLOGY	\$47.18	1
37	CA COVINA POLICE DEPT	N	Y	CHEMICAL AGENT KIT	CROWD CONTROL CHEMICAL AGENT MODULE/KIT- AARDVARK #AARD-10028	\$5,800.00	1
	CA COVINA POLICE DEPT	N	Y	CS CHEMICAL AGENT	HAN-BALL CS #1092-DEFENSE TECHNOLOGY	SEE LINE 37	10
	CA COVINA POLICE DEPT	N	Y	CS CHEMICAL AGENT	SPEDE-HEAT #1072-DEFENSE TECHNOLOGY	SEE LINE 37	20
	CA COVINA POLICE DEPT	N	Y	SMOKE	MAX SMOKE LARGE CAN #1073-DEFENSE TECHNOLOGY	SEE LINE 37	20
	CA COVINA POLICE DEPT	N	Y	CS CHEMICAL AGENT	TRIPLE CHASER GRENEDE #1026-DEFENSE TECHNOLOGY	SEE LINE 37	10
	CA COVINA POLICE DEPT	N	Y	CS CHEMICAL AGENT	40MM SKAT-SHELL CS #6172-DEFENSE TECHNOLOGY	SEE LINE 37	10
	CA COVINA POLICE DEPT	N	Y	CS CHEMICAL AGENT	40MM LR SPEDE-HEAT CS #6182-DEFENSE TECHNOLOGY	SEE LINE 37	10
	CA COVINA POLICE DEPT	N	Y	CS CHEMICAL AGENT	40MM MUZZLE BLAST ROUND CS #6042-DEFENSE TECHNOLOGY	SEE LINE 37	10
	CA COVINA POLICE DEPT	N	Y	OC-PEPPER	MK-9 PEPPER SPRAY OC (OLEORESIN CAPSICUM) #5099-DEFENSE TECHNOLOGY	SEE LINE 37	10
38	CA COVINA POLICE DEPT	N	Y	LAUNCHER	40 MM LAUNCHER-LMT-DEFENSE TECHNOLOGY	\$1,200.00	1
39	CA COVINA POLICE DEPT	N	Y	LAUNCHER	37MM DESIGNATED CNS GAS LAUNCHER-DEFENSE TECHNOLOGY	\$400.00	1
40	CA COVINA POLICE DEPT	N	Y	LAUNCHER	37MM DESIGNATED CNS GAS LAUNCHER-DEFENSE TECHNOLOGY	\$400.00	1
41	CA COVINA POLICE DEPT	N	Y	PEPPERBALL	PEPPERBALL MUNITIONS (375 COUNT CONTAINER)	\$796.50	> 1050*
42	CA COVINA POLICE DEPT	N	Y	LAUNCHER	PEPPERBALL DESIGNATED LAUNCHER-TIPPMAN 200TX	\$400.00	1
43	CA COVINA POLICE DEPT	N	Y	LAUNCHER	PEPPERBALL DESIGNATED LAUNCHER-TIPPMAN 200TX	\$400.00	1
44	CA COVINA POLICE DEPT	N	Y	LAUNCHER	PEPPERBALL DESIGNATED LAUNCHER-TIPPMAN 200TX	\$400.00	1
45	CA COVINA POLICE DEPT	N	Y	LAUNCHER	PEPPERBALL DESIGNATED LAUNCHER-TIPPMAN 200TX	\$400.00	1
46	CA COVINA POLICE DEPT	N	Y	LAUNCHER	PEPPERBALL DESIGNATED LAUNCHER-FTC W/ELECTRIC HOPPER	\$600.00	1
47	CA COVINA POLICE DEPT	N	Y	LAUNCHER	40MM DESIGNATED LAUNCHER 1325-DEFENSE TECHNOLOGY	\$1,000.00	1
48	CA COVINA POLICE DEPT	N	Y	LAUNCHER	40MM DESIGNATED LAUNCHER 1325-DEFENSE TECHNOLOGY	\$1,000.00	1
49	CA COVINA POLICE DEPT	N	Y	LAUNCHER	40MM DESIGNATED LAUNCHER 1325-DEFENSE TECHNOLOGY	\$1,000.00	1
50	CA COVINA POLICE DEPT	N	Y	LAUNCHER	40MM DESIGNATED LAUNCHER 1325-DEFENSE TECHNOLOGY	\$1,000.00	1
51	CA COVINA POLICE DEPT	N	Y	MUNITION	40MM MUNITION SPONGE ROUND #6325-DEFENSE TECHNOLOGY	\$21.53	38
52	CA COVINA POLICE DEPT	N	Y	MUNITION	BEANBAG MUNITION #3027-12 GAUGE-DEFENSE TECHNOLOGY	\$5.53	> 80*
53	CA COVINA POLICE DEPT	N	Y	MUNITION	BREACHING MUNITION-12 GAUGE #3105 TKO-DEFENSE TECHNOLOGY	\$6.59	35
54	CA COVINA POLICE DEPT	N	Y	LAUNCHING DEVICE	CTS (COMBINED TACTICAL SYSTEMS) MODEL LC5 TACTICAL LAUNCHER	\$346.50	2
55	CA COVINA POLICE DEPT	N	Y	AERIAL-DRONE	AUTEL_EVO 2 640T ENTERPRISE	\$9,230.00	1
56	CA COVINA POLICE DEPT	N	Y	AERIAL-DRONE	AUTEL EVO LITE	\$1,183.40	1
	LEGEND						
>	Greater Than						
<	Less Than						
*	Quantity based on rounds in Manufacturer Packaging (excluding rounds in side saddle and/or hopper)						
2/6/2023 dr1100							

706.4 MILITARY EQUIPMENT INVENTORY-2023 (ATTACHMENT)

The following spreadsheet constitutes a list of qualifying equipment for the Department:

(See Attached Excel Spreadsheet)

The following information pertains to the qualifying equipment on the spreadsheet. Sections entitled description and capabilities, quantity, cost, expected lifespan, purpose, fiscal impact, legal and procedural and training are described further within each category.

Item number 1 through 18 - Ground Vehicle (Robot)

Description/Capabilities: The robots are controlled via remote control and powered with a lithium battery. Inventory contains three different models varying in size and ability. These robots are used, not all are operational and are designated as active or non-active. Non-active robots are used for spare parts and/or are placed in reserve status for future use if necessary.

Quantity: Refer to Attachment.

Cost: No initial cost. Acquired through the Law Enforcement Support-LESO/1033 program. Refer to Attachment. Listed cost is based on US Government initial cost if available.

Expected Lifespan: An active unit's lifespan is approximately 3-5 years based on routine use, maintenance and parts. A non-active unit is stored for parts and are placed in reserve status.

Purpose: The robots are primarily used by the Department's tactical team however can be used by all Department personnel. Robots are placed into an area, building, room and other places prior to entry by Department personnel for safety reasons. Robots could be used for natural disaster and/or for non-emergency purposes where risk of entry to an area, building, room and other places exists. All robots have video capability and one model has the ability to move small objects.

Fiscal Impact: The robots were acquired through the LESO program with no initial cost to the Department. Annual maintenance cost is approximately \$100.00.

Legal and Procedural: Ground robots equipped with audio equipment (if applicable) may require a search warrant based on use if used for law enforcement purposes. Designated Department personnel have attended training related to this issue.

Training: Training on the robots is done in-house and in a controlled setting and/or environment prior to deployment in the field.

Item number 19 - MRAP (Mine Resistant Ambush Protected) - Armored Vehicle

Description/Capabilities: The MRAP is a four-wheeled armored vehicle made by MAXXPRO. The vehicle has two side doors, two roof openings and one large rear facing door. The vehicle has air brakes, contains numerous seats inside and several outside storage lockers for equipment.

The vehicle is identified with Department markings, equipped with additional lighting, a unit control system and a police radio.

Quantity: 1

Cost: No initial cost. Acquired through the Law Enforcement Support-LESO/1033 program. Refer to Attachment. Listed cost is based on US Government initial cost if available.

Expected Lifespan: Approximately 7-10 years based on routine use, maintenance and parts availability.

Purpose: The MRAP is used to transport Department personnel, primarily tactical team members, to designated high-risk law enforcement operations. The armor on this vehicle provides protection from firearm projectiles and/or other projectiles. This vehicle can also be used as a rescue vehicle due to its ballistic protection.

Fiscal Impact: The MRAP was acquired from a military base in El Paso, Texas. Two members of the Department traveled to El Paso, Texas and drove the vehicle to Covina, California. Initial cost was airfare, lodging, food, fuel costs and was completed on-duty. There are on-going costs to ensure Class B licensing requirements through a trainer and/or the California DMV which is covered with the annual Department budget which occurs on occasion. Annual maintenance cost of the vehicle is done through a local heavy equipment/vehicle service company which is part of the annual Department budget. Additional equipment, such as tires, have been acquired through the LESO program and are stored at our local heavy equipment/vehicle service company. Annual cost including fuel is approximately \$5,000.000 and is part of the annual Department budget.

Legal and Procedural: Class B licensing requirement except in an emergency situation.

Training: Designated personnel initially completed in-house training with members of the US Military. Designated personnel also attain their California Class B license. Designated personnel have attended specific training on the use of armored vehicles in a law enforcement setting from an outside training source. In-house training occurs on an annual basis.

Item number 20 - MAMBA Armored Personnel Carrier - Armored Vehicle

Description/Capabilities: The MAMBA is a four-wheeled armored vehicle made by Reumach OMC. The vehicle has one rear door, two roof openings and numerous seats inside the vehicle. The vehicle contains several outside lockers for equipment storage and platforms were added to allow personnel to stand alongside the vehicle while in transit. The vehicle is clearly identified with Department markings and equipped with additional lighting, a unit control system and a police radio. This vehicle can also be used as a rescue vehicle due to its ballistic protection.

Quantity: 1

Cost: No initial cost. Acquired through the Law Enforcement Support-LESO/1033 program. Refer to Attachment. Listed cost is based on US Government initial cost if available.

Expected Lifespan: Approximately 1-3 years based on routine use, maintenance and parts availability.

Purpose: The MAMBA is used to transport Department personnel, primarily tactical team members, to designated high-risk law enforcement details. The armor on this vehicle provides protection from firearm projectiles and/or other projectiles. This vehicle can also be used as a rescue vehicle due to its ballistic protection.

Fiscal Impact: The MAMBA was acquired from another law enforcement agency in Los Angeles County that was a part of the LESO program. Initial cost to restore the vehicle for use was done in conjunction with a local auto body company and heavy vehicle/equipment service company which was donated to the Department. On-going costs to ensure Class B licensing requirements through a trainer and/or California DMV which is part of the Department budget occurs on occasion. Annual maintenance of the vehicle is done through a local heavy equipment/vehicle service company which is part of the Department budget. Annual cost including fuel is approximately \$4,000.00 and is part of the Department budget.

Legal and Procedural: Class B licensing requirement except in an emergency situation.

Training: Designated personnel initially completed in-house training with members of the US Military. Designated personnel also attain their California Class B license. Designated personnel have also attended training on the use of armored vehicles in a law enforcement setting from an outside training source. Tactical team members conduct designated annual training with this vehicle. All sworn personnel receive basic operations in-house training on this vehicle.

Item number 21 through 25 - LRAD (Long-Range Acoustic Device)

Description/Capabilities: The LRAD is a speaker and sound energy system developed by (LRAD Corporation) Genasys.

Quantity: Refer to Attachment.

Cost: No initial cost. Acquired through the Law Enforcement Support-LESO Program/1033 Program. Refer to Attachment. Listed cost is based on US Government initial cost if available.

Expected Lifespan: Approximately 20 years based on routine use and maintenance.

Purpose: The LRAD is a speaker system used to communicate commands to an individual and/or a group of individuals. The system has the ability to deliver higher than normal loud sounds over various distances. Portable LRAD devices are often times used at outside training locations to communicate with Department personnel. Designated LRAD devices are placed on armored vehicles and used to communicate to people during tactical operations.

Fiscal Impact: The LRAD device(s) was acquired through the LESO program. Annual cost is approximately \$100.00.

Legal and Procedural: Department Directive (Policy 16-03).

Training: Designated personnel initially completed in-house training with members of the US Military.

Item number 26 - Noise Flash Device (NFD)

Description/Capabilities: An NFD is a less lethal munition. The NFD used by the Department is reloadable type #8901 by Defense Technology. The NFD is placed into a metal cylindrical shaped body with ports. The metal cylindrical shaped body can be reused based on the manufacturer's specifications.

Quantity: Refer to Attachment.

Cost: Refer to Attachment.

Expected Lifespan: One time use for an NFD. Expiration is based on the Manufacturer's designated date of manufacture. Metal cylindrical shaped body needs replacement after designated number of deployments per the manufacturer.

Purpose: An NFD is used to facilitate an effective resolution to assaultive or high-risk situations where distracting, disorienting or moving an individual or group of people, to effect an arrest or clear an area is desired.

Fiscal Impact: Initial cost was covered within the annual Department budget. Munitions are purchased based on need and/or stock. Additional equipment, specifically storage containers designed for NFD storage, and metal cylindrical shaped bodies are purchased through the annual Department budget. Annual cost is approximately \$250.00.

Legal and Procedural: Primarily a tactical team deployment munition. Department Policy section 404, applicable related Department procedures and the law. Authority to use certain munitions is based on the Department Policy and procedures considering the tactical operation and the law. These devices are controlled by ATF and a separate usage log is maintained by the Department. Devices are stored in approved storage containers.

Training: Initial training in the use of an NFD generally occurs at the POST certified 80-hour SWAT course. In-house training for designated personnel occurs on an annual basis from trained instructors. Trained instructors also receive additional training from the manufacturer and/or vendor prior to sale of NFD devices to the Department.

Item number 27 through 36 - CS (2-chlorobenzalmalononitrile) Gas, CN (chloroacetophenone), Smoke and OC (Oleoresin Capsicum)

Description/Capabilities: CS gas, CN gas, smoke and OC are encased in metal devices by the manufacturer. CS gas, CN gas, smoke and OC devices are clearly marked and the manufacturer has developed different models which vary in size and method the product is released. The Military Equipment Inventory List contains the manufacturer of the product and model number for each munition. Detailed information on these products is available on the manufacturer's internet site. Smoke is not a CS gas, CN gas nor an OC product. Smoke is maintained within this list for inventory purposes only. OC is commonly referred to as pepper spray. Refer to the Military Equipment Inventory List for further information.

Quantity: Refer to Attachment.

Cost: Refer to Attachment.

Expected Lifespan: One time use on CS/CN gas and smoke. Expiration on these munitions is based on manufacturer's date of manufacture. OC lifespan is based on quantity dispersed and manufacturer's specifications.

Purpose: CS/CN gas, smoke and OC munitions can be used by Department patrol, tactical team and/or Area D personnel for tactical operations. This supply is primarily maintained for tactical team and Area D purposes related to high risk, barricade and/or mobile field force situations. Smoke can also be used for concealment purposes during tactical operations.

Fiscal Impact: Initial cost was covered within the annual Department budget. Annual cost is approximately \$250.00. Munitions are purchased based on need and/or stock.

Legal and Procedural: Department Policy sections 300, 302, 404, 430, applicable related Department procedures and the law. Penal Code 13652 and related sections. Authority to use certain munitions is based on the Department Policy and procedures considering the tactical operation and the law.

Training: Department personnel receive initial chemical agent munitions training in the police academy. Additional training is done through in-house training prior to the field officer training program. Tactical team personnel receive training during their 80-hour POST certified SWAT school. Tactical team personnel also receive annual in-house training from trained instructors. Area D personnel attend annual training from trained instructors. Remaining personnel receive on-going training on an annual basis during firearms training however this training primarily focuses on the deployment of gas masks and an overview of chemical agent munitions.

Item number 37 containing CS (2-chlorobenzalmalononitrile) Gas, Smoke and OC (Oleoresin Capsicum)

Description/Capabilities: Item number 37 is a Crowd Control Chemical Agent Module/Kit assembled by Aardvark Tactical. The three boxes contain Defense Technology CS chemical agents, smoke and OC munitions. The Military Equipment Inventory List contains the manufacturer of the product and model number of each munition. Detailed information on these products is available on the manufacturer's internet site. Smoke is not a CS gas product nor an

OC product. Smoke is maintained within this list for inventory purposes only. OC is commonly referred to as pepper spray. Refer to the Military Equipment List for further information.

Quantity: Refer to Attachment.

Cost: No initial cost. Purchased by a local business. Refer to Attachment.

Expected Lifespan: One time use on CS gas and smoke. Expiration based on manufacturer's designated date of manufacture. OC lifespan is based on quantity dispersed and manufacturer's specifications.

Purpose: Patrol and tactical operations. Can be used by patrol, tactical team and/or Area D personnel. This module/kit is primarily maintained for Mobile Field Force operations.

Fiscal Impact: Annual cost is approximately \$250.00. There will be a cost to replace used and/or expired munitions based on market value of device to be replaced in order to maintain listed purpose. Munitions are purchased based on need and/or stock.

Legal and Procedural: Department Policy sections 300, 302, 404, 430, applicable related Department procedures and the law. Penal Code 13652 and related sections. Authority to use certain munitions is based on the Department Policy and procedures considering the tactical operation and the law.

Training: Department personnel receive initial chemical agent training in the police academy. Additional training is done through in-house training prior to the field officer training program. Tactical team personnel receive additional training during their 80-hour SWAT school. Tactical team personnel receive on-going in-house training from trained instructors. Area D personnel attend annual training on an annual basis from trained instructors. Remaining personnel receive on-going training on an annual basis during firearms training however this training primarily focuses on the deployment of gas masks and an overview of chemical agent munitions.

Item number 38 - 40MM LMT Launcher

Description/Capabilities: The 40MM LMT launcher by Defense Technology is a lightweight single shot 40 MM launcher. The launcher comes equipped with a picatinny rail mounting system with a bead sight which will accept a wide array of enhanced optics or sighting systems. A sling can be applied and used for carrying purposes.

Quantity: Refer to Attachment.

Cost: No initial cost. Purchased by a local business. Refer to Attachment.

Expected Lifespan: Approximately 25 years based on routine use and maintenance.

Purpose: Launches standard 40MM less lethal munitions for law enforcement purposes in accordance with existing Department policy.

Fiscal Impact: Annual cost is approximately \$25.00.

Legal and Procedural: Department Policy sections 300, 302, 404, 430, applicable related Department procedures and the law. Penal Code 13652 and related sections. Authority to use certain munitions is based on the Department Policy and procedures considering the tactical operation and the law.

Training: Department personnel receive initial and on-going in-house training on the deployment of the 40MM LMT launcher. Item is similar to Department owned 40MM model 1325 and 37MM launchers.

Item number 39 through 40 - 37MM Launcher

Description/Capabilities: The 37MM launcher is a single shot munitions launcher by Defense Technology. The launcher has a bead sight and a sling can be applied for carrying purposes.

Quantity: Refer to Attachment.

Cost: Refer to Attachment.

Expected Lifespan: Approximately 3-5 years based on routine use and maintenance. Department is considering phasing this equipment out and replacing it with similar 40MM equipment.

Purpose: Launches standard 37MM less lethal munitions. These launchers are specifically designated to the Tactical Team for 37MM chemical agent deployment.

Fiscal Impact: Item is 20+ years old however operates effectively. Annual maintenance cost is approximately \$25.00.

Legal and Procedural: Department Policy sections 300, 302, 404, 430, applicable related Department procedures and the law. Penal Code 13652 and related sections. Authority to use certain munitions is based on the Department Policy and procedures considering the tactical operation and the law.

Training: Designated Department personnel receive initial and on-going in-house training on the deployment of 37MM launcher. It is similar to the 40MM model 1325 and LMT launchers.

Item number 41 - Pepperball

Description/Capabilities: Pepperball PAVA powder projectiles by Pepperball are plastic spheres that are filled with OC (Oleoresin Capsicum) based product. Projectiles are launched from a device commonly referred to as a launcher which is similar to a launcher used to launch paintball products.

Quantity: Refer to Attachment.

Cost: Refer to Attachment.

Expected Lifespan: Single use. Expiration based on manufacturer's designated date of manufacture.

Purpose: Patrol and tactical operations. Projectiles can be launched into an area, vehicle and/or at person(s).

Fiscal Impact: Initial cost was covered within the annual Department budget. Munitions are purchased based on need and/or stock. Annual cost is approximately \$ 750.00.

Legal and Procedural: Department Policy sections 300, 302, 404, 430, applicable related Department procedures and the law. Penal Code 13652 and related sections. Authority to use certain munitions is based on the Department Policy and procedures considering the tactical operation and the law.

Training: Department personnel receive initial chemical agent training in the police academy. Additional training is done through in-house training prior to the field officer training program. Tactical team personnel generally receive additional training during their 80-hour SWAT school. Tactical team personnel receive on-going in-house training from certified instructors. Area D personnel attend annual training with tactical team personnel on an annual basis from certified instructors. Remaining personnel receive on-going training on an annual basis during firearms training.

Item number 42 through 46 - Pepperball Launcher

Description/Capabilities: A Pepperball launcher is a compressed air propelled less-lethal device used to launch Pepperball munitions. Pepperball munitions are placed in a hopper (storage container) which is attached to the launcher. A sling can be applied for carrying purposes. Refer to Military Equipment List for manufacturer/model information.

Quantity: Refer to Attachment.

Cost: Refer to Attachment.

Expected Lifespan: Approximately 7-10 years based on routine use and maintenance.

Purpose: The launcher is used to deliver desired Pepperball munitions in a patrol and/or tactical operations. Primarily used to deliver Oleoresin Capsicum agent however inert powder and glass breaking projectiles can be deployed in this launcher based on the tactical situation and/or mission.

Fiscal Impact: Initial cost was covered within the annual Department budget. Annual maintenance cost is approximately \$200.00.

Legal and Procedural: Department Policy sections 300, 302, 404, 430, applicable related Department procedures and the law. Penal Code 13652 and related sections. Authority to use

certain munitions is based on the Department Policy and procedures considering the tactical operation and the law.

Training: Department personnel receive initial training prior to the field training officer program. Tactical team and Area D personnel receive additional in-house training from trained instructors. Additional training to remaining Department personnel occurs on an annual basis by trained instructors.

Item number 47 through 50 - 40MM Model 1325 Launcher

Description/Capabilities: The 40MM model 1325 is a single-shot launcher by Defense Technology. The launcher comes equipped with a picatinny rail mounting system with a bead sight which will accept a wide array of enhanced optics/sighting systems. A sling can be applied and used for carrying purposes.

Quantity: Refer to Attachment.

Cost: Refer to Attachment.

Expected Lifespan: Approximately 25 years based on routine use and maintenance.

Purpose: Device launches standard 40MM less lethal munitions for law enforcement purposes as a less lethal option.

Fiscal Impact: Initial cost was covered within annual Department budget. Annual maintenance cost is approximately \$100.00.

Legal and Procedural: Department Policy sections 300, 302, 404, 430, applicable related Department procedures and the law. Penal Code 13652 and related sections. Authority to use certain munitions is based on the Department Policy and procedures considering the tactical operation and the law.

Training: Department personnel receive initial training through in-house training prior to the field officer training program. Department personnel also receive annual in-house training on the deployment of the 40MM launcher. Item is similar to the Department owned 40MM LMT and 37MM launchers.

Item number 51 - 40MM Munition

Description/Capabilities: The model 6325 exact impact 40MM munition by Defense Technology is a high-speed soft round less lethal projectile. The round has a plastic body and a blue colored sponge nose.

Quantity: Refer to Attachment.

Cost: Refer to Attachment.

Expected Lifespan: Single use.

Purpose: The model 6325 exact impact 40MM projectile can be used in less lethal patrol and tactical situations as a less lethal option. A specialty impact munition to be used as a dynamic, high energy, single target round for incapacitation or the distraction of a non-compliant aggressive subject.

Fiscal Impact: Initial cost was covered within annual Department budget. Munitions are purchased based on need and/or stock. Annual cost is approximately \$300.00.

Legal and Procedural: Department Policy sections 300, 302, 404, 430, applicable related Department procedures and the law. Penal Code 13652 and related sections. Authority to use certain munitions is based on the Department Policy and procedures considering the tactical operation and the law.

Training: Department personnel receive initial training through in-house training prior to the field officer training program. Department personnel also receive annual in-house training on the deployment of 40MM projectiles.

Item number 52 - 12 Gauge Bean Bag Munition

Description/Capabilities: The bean bag munition by Defense Technology is a translucent 12-gauge shell loaded with a 40-gram, tear shaped bag made from cotton and ballistic material blend and filled with #9 shot. This design utilizes four stabilizing tails. The round utilizes a smokeless powder as the propellant. The munition is launched from a designated Department owned shotgun (Remington 870 12-gauge).

Quantity: Refer to Attachment.

Cost: Refer to Attachment.

Expected Lifespan: Single use.

Purpose: The bean bag munition can be used in less lethal patrol and tactical situations as a less lethal option. A specialty impact munition to be used as a dynamic, high energy, single target round for incapacitation or the distraction of a non-compliant aggressive subject.

Fiscal Impact: Initial cost was covered within the annual Department budget. Munitions are purchased based on need and/or stock. Annual cost is approximately \$300.00.

Legal and Procedural: Department Policy sections 300, 302, 404, 430, applicable related Department procedures and the law. Penal Code 13652 and related sections. Authority to use certain munitions is based on the Department Policy and procedures considering the tactical operation and the law.

Training: Department personnel receive initial and on-going in-house training on the use of 12-gauge beanbag projectiles from designated Remington 870 12-gauge Department owned shotguns on an annual basis.

Item number 53 - 12 Gauge Breaching Munition

Description/Capabilities: The breaching munition by Defense Technology is a translucent 12-gauge shell loaded with a compressed zinc slug. The munition is launched from a designated Department owned shotgun (Remington 870 12-gauge) with a specialized barrel that contains a serrated front edge or standoff ported device.

Quantity: Refer to Attachment.

Cost: Refer to Attachment.

Expected Lifespan: Single use.

Purpose: Used as a method to breach door locks or hinges for entry during high-risk law enforcement operations.

Fiscal Impact: Initial cost was covered within the annual Department budget. Munitions are purchased based on need and/or stock. Annual cost is approximately \$100.00.

Legal and Procedural: Primarily a tactical team deployment munition. Department Policy section 404, applicable related Department procedures and the law. Authority to use certain munitions is based on the Department Policy and procedures considering the tactical operation and the law.

Training: Designated Department tactical team personnel receive initial and on-going training on the deployment of 12-gauge breaching munitions from a designated Remington 12-gauge Department owned shotgun with a specialized barrel that contains a serrated front edge or standoff ported device. This training generally occurs at the POST certified 80-hour SWAT school and/or at a designated SWAT breaching course. Tactical team personal also receive annual in-house training.

Item number 54 - Launching Device by CTS (Combined Tactical Systems)

Description/Capabilities: The model LC5 tactical launching device by CTS is designed to be affixed to a 12-gauge shotgun. The Department affixes the device to the end of the barrel of a designated Department owned shotgun (Remington 870 12-gauge). A CTS 12-gauge #2600 munition is placed in the shotgun in order to launch CTS 52 series grenades which contain a chemical agent.

Quantity: Refer to Attachment.

Cost: Refer to Attachment.

Expected Lifespan: Approximately 25 years based on routine use and maintenance.

Purpose: The device is used to launch CTS 52 series grenades (ex. CTS 5230b chemical agent munition). Used in conjunction with a 12-gauge shotgun with CTS 12-gauge #2600 munition, CTS 52 series grenades can be loaded into the launching device and launched into a designated area during a tactical and/or mobile field force operation.

Fiscal Impact: Initial cost was covered within the annual Department budget. Annual cost for device including CTS 12-gauge #2600 munition is approximately \$100.00.

Legal and Procedural: Primarily a tactical team deployment munition as stated above in the purpose section. Department Policy sections 300, 302, 404, 430, applicable related Department procedures and the law. Penal Code 13652 and related sections. Authority to use certain munitions is based on the Department Policy and procedures considering the tactical operation and the law.

Training: Designated Department tactical team personnel receive training with this device in a certified training chemical agent course. Tactical team personnel receive additional in-house training from trained personnel.

Item number 55 - Aerial Vehicle (DRONE-Autel EVO 2 640T Enterprise)

Description/Capabilities: The Autel EVO 2 640T Enterprise is an aerial vehicle or drone with video/audio/thermal imaging capabilities. Device was acquired with batteries, spare parts and other accessories.

Quantity: 1

Cost: \$9,230.00

Expected Lifespan: Evaluated by UAS Team personnel based on use, technology, and maintenance.

Purpose: Assist in Law Enforcement related incidents and/or activities, specifically tactical incidents, command post or gathering intelligence purposes. Can be used for other City related functions related to public safety.

Fiscal Impact: Initial cost was covered through private donation. Donation was designated for the development of UAS Team for the CPD. Donation was approved for the stated purpose by the City Council. Related expected costs for this item will be associated within the annual Department budget. Annual cost is approximately \$600.00.

Legal and Procedural: FAA regulations, FAA registration and applicable law. Authority to use device is based on Department Policy section 606 and related procedures.

Training: Designated Department UAS Team personnel (pilots) must obtain FAA 107 license. Additional in-house and outside agency training for UAS Team personnel will be approved by Department Supervision as necessary and/or directed.

Item number 56 - Aerial Vehicle (DRONE-Autel EVO Lite)

Description/Capabilities: The Autel EVO Lite is an aerial vehicle or drone with video capabilities. Device was acquired with batteries, spare parts and other accessories.

Quantity: 1

Cost: \$ 1,183.40

Expected Lifespan: Evaluated by UAS Team personnel based on use, technology, and maintenance.

Purpose: Assist in Law Enforcement related incidents and/or activities, specifically tactical incidents, command post or gathering intelligence purposes. Can be used for other City related functions related to public safety.

Fiscal Impact: Initial cost was covered through private person donation. Donation was designated for the development of UAS Team for the CPD. Donation was approved for the stated purpose by the City Council. Related expected costs for this item will be associated within the annual Department budget. Annual cost is approximately \$ 400.00.

Legal and Procedural: FAA regulations, FAA registration and applicable law. Authority to use device is based on Department Policy section and related procedures.

Training: Designated Department UAS Team personnel (pilots) must obtain FAA 107 license. Additional in-house and outside agency training for UAS Team personnel will be approved by Department Supervision as necessary and/or directed.