LONG BEACH POLICE DEPARTMENT

SPECIAL ORDER | 2023-10

SPECIAL ORDER – 2023 MILITARY EQUIPMENT (AB-481)

Effective: 11/2/2023
Expires: 11/2/2024

Effective immediately, this Special Order creates policy for the approval, acquisition, and reporting requirements regarding the use of military equipment as mandated by Assembly Bill 481.

MILITARY EQUIPMENT POLICY – INTRODUCTION

This Department policy establishes guidelines for the use, training, approval, and procurement of existing military equipment and future military equipment acquisitions in accordance with California Assembly Bill 481 (AB-481), codified in California Government Code § 7070-7075. Additionally, this procedure outlines the fiscal impact and specific descriptions of existing military equipment within the Department's inventory.

It is the intent of the LBPD that there be legally enforceable safeguards, including transparency, oversight, and accountability measures in place to protect the public's welfare, safety, civil rights, and civil liberties before military equipment is funded, acquired, or used.

DEFINITIONS

Governing Body – means the Long Beach City Council.

Military Equipment – Items as defined by California Government Code § 7070, subsections (c)(1) through (c)(15), including the following:

- Unmanned, remotely piloted, powered aerial or ground vehicles.
- Mine-resistant ambush-protected (MRAP) vehicles or armored personnel carriers.
- High mobility multipurpose wheeled vehicles (HMMWV), two-and-one-half-ton trucks, five-ton trucks, or wheeled vehicles that have a breaching or entry apparatus attached.
- Tracked armored vehicles that provide ballistic protection to their occupants.
- Command and control vehicles that are either built or modified to facilitate the operational control and direction of public safety units.
- Weaponized aircraft, vessels, or vehicles of any kind.
- Battering rams, slugs, and breaching apparatuses that are explosive in nature. This does not include a handheld, one-person ram.

- Firearms and ammunition of .50 caliber or greater, excluding standard-issue shotguns and standard-issue shotgun ammunition.
- Specialized firearms and ammunition of less than .50 caliber, including firearms and accessories identified as assault weapons in Penal Code § 30510 and Penal Code §30515, with the exception of standard-issue handguns.
- Any firearm or firearm accessory that is designed to launch explosive projectiles.
- Noise-flash diversionary devices and explosive breaching tools.
- Munitions containing tear gas or OC, excluding standard, service-issued handheld pepper spray.
- TASER® Shockwave, microwave weapons, water cannons, and long-range acoustic devices (LRADs).
- Kinetic energy weapons and munitions.
- Any other equipment as determined by a governing body or a state agency to require additional oversight.

MILITARY EQUIPMENT COORDINATOR

The Chief of Police will designate a member of the Department to act as the Military Equipment Coordinator. The responsibilities of the Military Equipment Coordinator include but are not limited to:

1) Acting as liaison to the City Council for matters related to the requirements of this policy.
2) Identifying Department equipment that qualifies as military equipment in the current possession of the Department or the equipment the Department intends to acquire that requires approval by the City Council.
3) Conducting an inventory of all military equipment at least annually.
4) Collaborating with any allied agency that may use military equipment within the jurisdiction of the LBPD (Government Code § 7071).
5) Preparing for, scheduling, and coordinating the annual community engagement meeting to include:
   - Publicizing the details of the meeting.
   - Preparing for public questions regarding the Department's funding, acquisition, and use of equipment.
6) Preparing the annual military equipment report for submission to the Chief of Police and ensuring that the report is made available on the Department website (Government Code § 7072).

MILITARY EQUIPMENT USE CONSIDERATIONS

The military equipment acquired and authorized by the Department is:

- Necessary because there is no reasonable alternative that can achieve the same objective of officer and civilian safety.
- Reasonably cost-effective compared to available alternatives that can achieve the same objective of officer and civilian safety.

Military equipment shall only be used by a Department employee after applicable training, including any course required by the Commission on Peace Officer Standards and Training (POST), has been completed, unless exigent circumstances arise.

APPROVAL OF MILITARY EQUIPMENT

Pursuant to AB-481, all military equipment acquired and/or in use by the Department shall be approved by the City Council by an ordinance adopting a military use policy. In seeking approval of the City Council for any specified military equipment, the Department shall submit a proposed military equipment use policy to the governing body and make those documents available on the Department's internet website at least 30 days prior to any public hearing concerning the military equipment at issue.

City Council approval must be granted prior to any of the following:

1) Requesting military equipment made available pursuant to Section 2576a of Title 10 of the United States Code.
2) Seeking funds for military equipment, including, but not limited to, applying for a grant, soliciting or accepting private, local, state, or federal funds, in-kind donations, or other donations or transfers.
3) Acquiring military equipment permanently or temporarily, including borrowing or leasing.
4) Collaborating with another law enforcement agency in the deployment or other use of military equipment within the territorial jurisdiction of the governing body.
5) Using any new or existing military equipment for a purpose, in a manner, or by a person not previously approved by the governing body.
6) Soliciting or responding to a proposal for, or entering into an agreement with, any other person or entity to seek funds for, apply to receive, acquire, use, or collaborate in the use of military equipment.
7) Acquiring military equipment through any other means.

ANNUAL MILITARY EQUIPMENT REPORT

Upon approval of a military equipment policy, the Chief of Police shall submit a military equipment report to the City Council for each type of approved military equipment within one year of approval and annually thereafter for as long as the military equipment is available for use (Government Code § 7072).

The Chief of Police shall also make each annual military equipment report publicly available on the Department website for as long as the military equipment is available for use. The report shall include all the information required by Government Code § 7072.

COORDINATION WITH OTHER LAW ENFORCEMENT AGENCIES

Military equipment used by any employee of this Department shall be approved for use and in accordance with this Department policy. Military equipment used by other

jurisdictions that are providing mutual aid to this Department shall comply with the policies of the LBPD.

PUBLIC COMPLAINTS, CONCERNS, AND QUESTIONS

Any member of the public can register a question or concern regarding military use equipment by contacting the LBPD via email at *AB481@longbeach.gov*. A response to the question or concern shall be completed by the Department in a timely manner.

Any member of the public can submit a complaint to the Department in accordance with LBPD Manual § 4.1.1.1 Personnel Complaints.

CATALOGING OF MILITARY USE EQUIPMENT

All military use equipment kept and maintained by the LBPD shall be cataloged in a way that addresses each of the following requirements:

- The capabilities of the equipment.
- The manufacturer's description of the equipment.
- The purposes and authorized uses for which the Department proposes to use the equipment.
- The expected lifespan of the equipment.
- The fiscal impact of the equipment, both initially and for ongoing maintenance.
- The quantity of the equipment, whether maintained or sought.

MAINTENANCE OF MILITARY EQUIPMENT SUPPLY LEVELS

To maintain operational levels, the Department may resupply consumable items and any damaged military equipment that has been previously approved by Council.

MILITARY EQUIPMENT INVENTORY – PATROL / INVESTIGATIONS

1. **Projectile Launch platforms and associated munitions 40mm system**
   a) Description, capabilities, quantity, and purchase cost
   40mm are less lethal options that allow law enforcement officers to deliver chemical agents and kinetic energy impacts to suspects in a potentially violent encounter. It is a de-escalation tool used to minimize injuries and reduce the chance of lethal encounters. The range of the launching system creates a barrier between officers and the suspect, reducing the immediacy of the threat, which is a principle of de-escalation.
      i. Defense Technology, 40mm, single-shot launcher, #1425. The 40mm less lethal launching system uses smokeless powder to deliver 40mm projectiles from a safe distance (https://www.defense-technology.com/product/40mm-lmt-tactical-single-launcher-expandable-stock/).
         a. Current Quantity: 153
         b. Quantity Sought: None as of publishing the Special Order, but will replenish the stock as needed
         c. Cost: $1000 each

ii. Defense Technology, 40mm Exact Impact sponge munition, #6325. A less lethal lightweight plastic and foam projectile fired from a single or multi-shot 40mm launcher. The 30-gram foam projectile delivers 120 foot-pounds of energy on impact at 325 feet per second. The munition provides accurate and effective performance when fired from the approved distances; no less than 5 feet and up to 130 feet from the target(https://www.defense-technology.com/wp-content/uploads/2020/06/40mm-eXact-iMpact-Sponge-Round-6325.pdf).

a. Current Quantity: 3,320
b. Quantity Sought: 2,100
c. Cost: $18 each

b) Purpose

To limit the escalation of conflict when lesser levels of force options are unsuccessful or are unable to be utilized.

c) Authorized Use

40mm launching systems are authorized for use by police personnel who have completed the required Department training. Situations for use of the less lethal weapon systems may include, but are not limited to:

- Self-destructive, dangerous, and/or combative individuals
- Riotous crowd control
- Circumstances where a tactical advantage can be obtained
- Potentially vicious animals

d) Expected Lifespan

i. 40mm Launcher #1425: No expiration
ii. 40mm Sponge Round #6325: 5 years

e) Fiscal Impact:

i. 40mm Launchers: Estimated maintenance between $0 and $500 annually
ii. 40mm #6325 Sponge Round: Estimated between $0 and $1,000 annually

f) Training

Prior to using a 40mm launcher, officers must be trained by LBPD POST-certified instructors in the operation of the launcher. Additionally, all officers are required to pass an annual recertification course provided by LBPD POST-certified instructors.

g) Legal and Procedural Rules:

The use of kinetic energy projectiles is established under LBPD Manual § 10.12 Less Lethal Launchers and Munitions. It is the policy of the LBPD to utilize kinetic energy projectiles for official law enforcement purposes and pursuant to State and Federal law, including those regarding the use of force.

2. **Patrol Rifles and Ammunition:**

a) Description, quantity, capabilities, and purchase cost

Semi-automatic firearms that are fired from shoulder level, have a long spirally grooved barrel intended to make bullets spin, and thereby have greater accuracy over a long distance.

i. AR-15 5.56 caliber 16.5" RIFLE with optic – A rifle that fires an intermediate-power cartridge (.223), which is more powerful than a standard pistol but less powerful than a standard rifle (https://www.lwrci.com/IC-SPR-Rifle_p_255.html, https://www.colt.com/detail-page/colt-le6920-carbine-223556-161-301-pmag-mbus-4-pos-stk-blk,https://www.bushmaster.com/m4-patrolmans-flat-top-1/).
   a. Current Quantity: 67
   b. Quantity Sought: 0
   c. Cost for each rifle: $1650

ii. Winchester .223 Ammunition Ballistic Silvertip – This ammunition features a specially designed bullet that will reliably expand while passing through a variety of barriers without overpenetration (https://winchester.com/Products/Ammunition/Rifle/USA, https://winchester.com/Products/Ammunition/Rifle/Ballistic-Silvertip/SBST223B).
   a. Current Quantity: 4700
   b. Quantity Sought: 15,000
   c. Cost $0.68 per round

b) Purpose
The rifle provides officers the ability to engage hostile suspects at distances generally greater than the effective distance of their handguns.

c) Authorized Use
Qualified personnel who have completed the prescribed training in the use of the AR-15 rifle, under the supervision of the AR-15 Cadre, and who successfully complete the current prescribed qualification process are authorized to utilize the AR-15 rifle, in adherence with LBPD Manual § 10.11 – AR-15 Rifles.

d) Expected Lifespan
AR-15 5.56 caliber 16.5" RIFLE, Model M6 – 15 years.

e) Fiscal Impact
Annual maintenance is approximately $50 for each firearm.

f) Training
Prior to using a rifle, officers must be certified by POST instructors in the operation of the rifle. Additionally, all members who operate any rifle are required to pass a range qualification 4 times a year.

g) Legal and Procedural Rules
It is the policy of the LBPD to utilize rifles only for official law enforcement purpose and pursuant to State and Federal law regarding the use of force.

3. **MobilEye**

a) Description, capabilities, and purchase cost

The MobilEye is an armored vehicle equipped with multiple surveillance cameras and an Automated License Plate Recognition (ALPR) system. The surveillance cameras are encased in a rugged material, making it difficult to destroy or damage them. The MobilEye is equipped with a generator that allows it to operate surveillance equipment for several days without being recharged. The MobilEye can be parked in front of a problem location and the surveillance system can be controlled remotely.

i. Lanner IPAC 2.5 Digital Technology Video Server – live viewing digital network video server with multiple cameras display with remote viewing.
   a. Current Quantity: 1
   b. Quantity Sought: 0
   c. Cost: $1,995
ii. Pelco S5220-PG1 Outdoor HD PTZ Dome Camera – high-resolution camera with a wide dynamic range that works day or night and is resistant to vandalism
   a. Current Quantity: 0
   b. Quantity Sought: 0
   c. Cost: $2,495
iii. Power, connectivity, installation, and other relevant equipment and miscellaneous costs to ensure the viability of the Platt surveillance system.
   a. Current Quantity: 1
   b. Quantity Sought: 0
   c. Cost: $20,498
iv. Vehicle design to be a visible deterrent: Clinic Auto Center paint materials & latches ($7,222), Arnaco Rims ($926), Krupp Graphic Design Package & Decals ($2,240)
v. SWAT vehicle donated from Gardena Police Department.

b) Purpose
To deter crime, record video, monitor the public's safety from potential threats at large-scale public events, and protect critical infrastructure. The MobilEye can be repositioned to scan areas that are not covered by fixed cameras.

c) Authorized Use
Use of the MobilEye can be requested by contacting the Patrol Bureau Administrative Office.

d) Expected Lifespan
The MobilEye is at its end of life and will be retired in 2022.

e) Fiscal Impact
Annual cost of approximately $11,821

f) Training
No specialized training is required for the utilization of this equipment.

g) Legal and Procedural Rules

MobilEye shall only be used for official law enforcement purposes and will be operated in a manner consistent with California State law and Department policy and training.

MILITARY EQUIPMENT INVENTORY – SUPPORT

1. **Dive Remote Operated Vehicle**
   a) Description, capabilities, and purchase cost
   Seabotix LBV-300-5 ROV (Remote Operated Vehicle) is a very compact, easily deployable electric observation class ROV used on dive operations. While small enough to fit in tight submerged spaces, the LBV-300-5 is robust enough to handle light currents in the open ocean. Rated to 300 meters, this ROV is well suited for a variety of dive operations and is used by the United States Coast Guard. It is ideal for diving support and operations. It is configured with a 720-line color camera, a 720-line monochrome camera for low visibility environments, a fixed color backup camera, a Tritech 720ik multi-beam sonar, a Tritech Micron scanning sonar, and two (2) grabbers with assorted attachments (SeaBotix LBV-300-5 | Advanced Marine (amsdiving.com).
      a. Current Quantity: 1
      b. Quantity Sought: 0
      c. Cost: $70,000
   b) Purpose
   To be used remotely instead of a diver to clear vessel hulls, piers/docks, and locate evidence on the ocean floor. It can also go much deeper than a human diver and into much smaller spaces. Adds a level of safety to dive operations.
   c) Authorized Use
   LBPD Port qualified divers are authorized to use this equipment. The vendor provided initial training, and continued training is conducted monthly.
   d) Expected Lifespan
   10 – 15 Years
   e) Fiscal Impact
   No known annual maintenance cost. Repairs as needed (camera replacement, etc.)
   f) Training
   Initial training conducted by vendor. Continued training is conducted quarterly during dive training.
   g) Legal and Procedural Rules
   ROV will be operated in a manner consistent with California State law and Department policy and training, similar to UAS.

2. **Maritime Emergency Operations Center (MEOC)**
   a) Description, capabilities, quantity, and purchase cost

The vehicle is capable of being rapidly deployed into the field to act as a mobile command post. This dual tandem axle vehicle is diesel-fueled, 40 ft in length, and weighs approximately 36,000 pounds. It has an on-board diesel generator with sufficient power for scene lighting of an area command post. The vehicle can also be plugged into an appropriate source to have the command post operations powered through electricity. The vehicle is equipped with 3 slide-outs, giving it over 300 square feet of interior floor space. The MEOC acts as a "hot spot" that enables personnel in the field to gain enhanced computer and internet access as well as amplified and secure communications.

The front interior of the vehicle contains a conference center with multiple viewing screens, radios, and a Smartboard where staff can conduct meetings, debriefs, intelligence gathering, or incident management operations.

The center of the MEOC houses several equipment racks that contain the audio-visual and communications equipment for the vehicle. There are also several compartments used to store miscellaneous items such as office supplies, folding chairs and tables, and cleaning supplies.

The rear interior portion of the vehicle contains multiple workstations capable of operating as a dispatch center for Police, Fire, or Port personnel. Administrative computers within the vehicle can also be utilized for investigative searches, intelligence gathering, or video monitoring with CCTV systems.

The exterior has two telescoping masts. One mast serves to amplify signal strength, and the other has a multi-view camera with push-to-zoom capabilities used for scene security and intelligence gathering.

The vehicle is also equipped with an external workstation, computer terminal, radio, a public address system, and a small galley (https://www.ldvusa.com/truck/long-beach-pd-mobile-command-center/).

a. Current Quantity: 1
b. Quantity Sought: 0
c. Cost: originally constructed at a cost of approximately $800,000 in 2012 and was retrofitted at a cost of approximately $175,000 in 2021.

b) Purpose

The MEOC serves as a mobile command post and is commonly utilized during critical incidents requiring substantial use of Police resources, such as officer-involved shootings, in-custody deaths, requests for mutual aid, and large-scale fires. The MEOC is also utilized in support of multiple special events that take place within the City of Long Beach, including the Acura Grand Prix of Long Beach, The

Long Beach Marathon, The Long Beach PRIDE Festival & Parade, and many other concerts and festivals.

c) Authorized Use
Only operators who have completed the required training shall be permitted to operate the MEOC. Any operators designated to drive the vehicle shall have a valid California DMV Class B License. Deployment requests are made by the Incident Commander.

d) Expected Lifespan
15 – 20 years

e) Fiscal Impact
Approximately $3,500 annually

f) Training
All drivers/operators shall attend formalized instruction and be trained in vehicle operations and practical driving instruction. The driver must have a valid Class B license.

g) Legal and Procedural Rules
All command post vehicles will be operated in a manner consistent with California State law and Department policy and training.

3. Port rifles and ammunition

a) Description, capabilities, quantity, and purchase cost
Semi-automatic firearms that are fired from shoulder level, have a long spirally grooved barrel intended to make bullets spin and thereby have greater accuracy over a long distance.

i. AR-15 5.56 caliber 16.5" RIFLE with optic. A rifle that fires an intermediate-power cartridge (.223) which is more powerful than a standard pistol but less powerful than a standard rifle (Various brands: IC DI Standard 5.56 (lwrci.com), M&P 15 Sport II | Smith & Wesson (smith-wesson.com), Mid-Length A4 (rockriverarms.com), Colt's Manufacturing LLC, M4 Patrolman's™ Flat Top (bushmaster.com)).
   a. Current Quantity: 6
   b. Quantity Sought: 0
   c. Cost: $1650

ii. AR-10 .308 caliber, highly accurate, and durable semi-automatic rifle (AR-10® 18" TACTICAL RIFLE (armalite.com)).
   a. Current Quantity: 5
   b. Quantity Sought: None as of publishing the Special Order, but will replenish the stock as needed
   c. Cost $4,500 each

iii. Winchester .223 Ammunition Ballistic Silvertip. This ammunition features a specially designed bullet that will reliably expand while passing through a variety of barriers without overpenetration.
   a. Current Quantity: 200
   b. Quantity Sought: 0

c. Cost $0.68 per round

iv. Hornady .308 Caliber Ammunition, ELD TAP, a highly accurate round designed to penetrate common barriers but prevent overpenetration.
   a. Current Quantity: 400
   b. Quantity Sought: 0
   c. Cost $1.25 per round

v. Winchester .223 Ammunition, FMJ. This ammunition is designed for range practice and provides a reliable round at a cost-effective price.
   a. Current Quantity: 3,000
   b. Quantity Sought: 0
   c. Cost $0.20 per round

vi. Winchester .308 Ammunition, FMJ. This ammunition is designed for range practice and provides a reliable round at a cost-effective price.
   a. Current Quantity: 2,500
   b. Quantity Sought: 0
   c. Cost $0.91 per round

b) Purpose
The rifles provide officers the ability to engage hostile suspects at distances generally greater than the effective distance of their handguns.

c) Authorized Use
Qualified personnel who have completed the prescribed training in the use of these rifles and who successfully complete the current prescribed qualification process, in adherence with LBPD Manual § 7.1.8.1 Deployment of AR-15 Rifles.

d) Expected Lifespan
20 years

e) Fiscal Impact
Annual maintenance is approximately $50 for each firearm.

f) Training
Prior to using a rifle, officers must be certified by POST instructors in the operation of the rifle. Additionally, all members who operate any rifle are required to pass a range qualification 4 times a year.

g) Legal and Procedural Rules
It is the policy of the LBPD to utilize rifles only for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force.

4. Projectile Launch Platforms and Associated Munitions 40mm System

a) Description, capabilities, quantity, and purchase cost
40mm are less lethal options that allow law enforcement officers to deliver chemical agents and kinetic energy impacts to suspects in a potentially violent encounter. It is a de-escalation tool used to minimize injuries and reduce the chance of lethal encounters. The range of the launching system creates a barrier between officers and the suspect, reducing the immediacy of the threat, which is a principle of de-escalation.

i. Defense Technology, 40mm, single-shot launcher, #1425. The 40mm

less lethal launching system uses smokeless powder to deliver 40mm projectiles from a safe distance.

a. Current Quantity: 2
b. Quantity Sought: 0
c. Cost: $1000

ii. Defense Technology, 40mm Exact Impact sponge munition, #6325. A less lethal lightweight plastic and foam projectile fired from a single or multi-shot 40mm launcher. The 30-gram foam projectile delivers 120 foot-pounds of energy on impact at 325 feet per second. The munition provides accurate and effective performance when fired from the approved distances (no less than 5 feet and up to 130 feet from the target).

a. Current Quantity: 100
b. Quantity Sought: 50
c. Cost: $18

b) Purpose

To limit the escalation of conflict when lesser levels of force options are unsuccessful or are unable to be utilized. Less lethal launchers and munitions are also utilized by the POST-certified Advanced Officer Training Cadre (AOTC) to provide annual POST-mandated training.

c) Authorized Use

40mm launching systems are authorized for use by police personnel who have completed the required Department training. Situations for use of the less lethal weapon systems may include, but are not limited to:

- Self-destructive, dangerous, and/or combative individuals
- Riotous crowd control
- Circumstances where a tactical advantage can be obtained
- Potentially vicious animals

d) Expected Lifespan

i. 40mm Launcher #1425: No expiration
ii. 40mm Sponge Round #6325: 5 years

e) Fiscal Impact

i. 40mm Launchers: Estimated maintenance between $0 and $500 annually
ii. 40mm #6325 Sponge Round: Estimated between $0 and $1,000 annually

f) Training

Prior to using a 40mm launcher, officers must be trained by LBPD POST-certified instructors in the operation of the launcher. Additionally, all officers are required to pass an annual recertification course provided by LBPD POST-certified instructors.

g) Legal and Procedural Rules

The use of kinetic energy projectiles and chemical agents is established under LBPD Manual § 10.12 Less Lethal Munitions. It is the policy of the LBPD to utilize

kinetic energy projectiles for official law enforcement purposes and pursuant to State and Federal law, including those regarding the use of force.

5. Mobile Video Surveillance System (MVSS)

a) Description, capabilities, and purchase cost

This MVSS manufactured by Strongwatch is a rugged, reliable, and easy-to-use mobile "Freedom On-The-Move" (FOTM) surveillance system that provides rapid risk assessment and situational awareness through real time, actionable intelligence. The FOTM system is mounted in the bed of a GMC Sierra truck. The FOTM system is capable of live-streaming video to police in a command center so they can monitor a situation in real-time and coordinate responses to public safety threats.

i. Utilized Precision Gimbal Technology – Gyro stabilized, infrared imaging, visible imaging, laser pointing and range finding. https://strongwatch.com/

a. Current Quantity: 1
b. Quantity Sought: 0
c. Cost: Los Angeles County Sheriff's Department applied for Urban Areas Security Initiative (UASI) grant funding and purchased multiple systems that were distributed across the Los Angeles and Long Beach UASI agencies.

b) Purpose

To monitor the public's safety from potential threats at large-scale public events. The FOTM system vehicle is mobile and can be repositioned to scan areas that are not covered by fixed cameras.

c) Authorized Use

Use of the FOTM system can be requested by contacting the Security Services Division Commander.

d) Expected Lifespan

10-12 years.

e) Fiscal Impact

Annual preventive maintenance of the FOTM vehicle is approximately $800.

f) Training

2014 – Training provided by Freedom Surveillance at the time of equipment acquisition.

g) Legal and Procedural Rules

The Strongwatch FOTM surveillance system shall only be used for official law enforcement purposes and will be operated in a manner consistent with California State law and Department policy and training.

MILITARY EQUIPMENT INVENTORY – TRAINING & TACTICAL SUPPORT DIVISION, SUPPORT BUREAU

1. **Armored Vehicles:** Commercially produced wheeled armored personnel vehicles utilized for law enforcement purposes.
   a) Description, capabilities, quantity, and purchase cost
      i. LENCO BEAR, G1. The Lenco Bear, G1, is an armored vehicle that seats 12-16 personnel with an open floor plan that allows for the rescue of down personnel. The Bear G1 has increased ground clearance and a robust suspension, which allows for an emergency response to almost any situation. It can stop various projectiles, which provides greater safety to citizens and officers beyond the protection level of shields and personal body armor. This vehicle is taller than the Bearcat, which allows for citizen rescue from an elevated platform.
         a. Current Quantity:1
         b. Quantity Sought: 0
         c. Cost: $289,000
      ii. LENCO BEARCAT, G1. The Lenco Bearcat, G1, is an armored vehicle that seats 10-12 personnel with an open floor plan that allows for the rescue of down personnel. It can stop various projectiles, which provides greater safety to citizens and officers beyond the protection level of shields and personal body armor.
         a. Current Quantity:1
         b. Quantity Sought: 0
         c. Cost: $225,000
      iii. LENCO BEARCAT, G2. The Lenco Bearcat, G2, is an armored vehicle that seats 10-12 personnel with an open floor plan that allows for the rescue of down personnel. The Bearcat G2 has increased ground clearance and a robust suspension, allowing for an emergency response to almost any situation. It can stop various projectiles, which provides greater safety to citizens and officers beyond the protection level of shields and personal body armor. Lenco Armored Vehicles | Since 1981
         a. Current Quantity: 1
         b. Quantity Sought: 0
         c. Cost: $325,682
      iv. Armored Suburban. The armored suburban is a ballistic-rated vehicle that seats 7-8 personnel with a standard suburban seating configuration. It can stop various projectiles, which provides greater safety to citizens and officers beyond the protection level of a ballistic-rated shield and/or body armor. It is smaller in size than the Bear or Bearcat, which allows access to smaller spaces. International Armored Group – Certified VR7 Toyota Land Cruiser 300 (interarmored.com)
         a. Current Quantity: 1
         b. Quantity Sought: 0
         c. Cost: $90,000

b) Purpose
To be used in response to citizen rescues, enhanced officer and community safety, improve scene containment and stabilization, and assist in resolving critical incidents.

c) Authorized Use
The use of armored vehicles shall only be authorized by a watch commander or SWAT commander based on the specific circumstances of a given critical incident. Armored vehicles shall be used only by officers trained in their deployment and in a manner consistent with Department policy and training.

d) Expected Lifespan
Lenco Bear, Bearcat, and armored suburban models G1 and G2, 25 years.

e) Fiscal Impact
Annual maintenance cost of approximately $10,000.

f) Training
All drivers/operators shall attend formalized instruction and be trained in vehicle operations and practical driving instruction.

g) Legal and Procedural Rules
All armored vehicles are operated in a manner consistent with California State law and Department policy and training.

2. **Explosive Breaching Tools:** Tools that are used to conduct an explosive breach.

a) Description, capabilities, quantity, and purchase cost

i. DETONATING CORD. The detonating cord is a thin, flexible plastic tube usually filled with pentaerythritol tetranitrate (PETN, pentrite). With the PETN exploding at a rate of approximately 6400 meters per second (m/sec), any common length of detonation cord appears to explode instantaneously. It is a high-speed fuse that explodes, rather than burns, and is suitable for detonating high explosives. Cordtex™ (oricaminingservices.com)
   a. Current Quantity: 650 feet
   b. Quantity Sought: 2,000
   c. Cost: $1 per foot

ii. BLASTING CAP. A blasting cap is a small sensitive primary explosive device generally used to detonate a larger, more powerful, and less sensitive secondary explosive such as TNT, dynamite, or plastic explosive. Blasting caps come in a variety of types, including non-electric caps, electric caps, and fuse caps. Anodet™ MS (oricaminingservices.com)
   a. Current Quantity: 50
   b. Quantity Sought: 75
   c. Cost: $12

ii. ROYAL REMINGTON 870 EXPRESS BREACHING SHOTGUN. This weapon allows for breachers to safely utilize shotgun breaching rounds

in order to destroy deadbolts, locks, and hinges. The stand-off that is attached to the end of the barrel allows for positive placement of the weapon into the correct position and vents gases to prevent overpressure. This weapon can also defeat windows and sliding glass doors with a flash-bang round. A less lethal 2.4-inch 12-gauge shotgun round firing a ballistic fiber bag filled with 40 grams of lead shot at a velocity of 270-290 feet per second (FPS). https://royalarms.com/shop/royal-remington-870-express-breaching-shotgun/

a. Current Quantity: 5
b. Quantity Sought: 0
c. Cost: $500 per shotgun

iii. ROYAL ARMS TESAR-2 BLACK CAP COPPER FRANGILBE BREACHING ROUND. The round is fired from a breaching shotgun and is used to destroy deadbolts, locks, and hinges. TESAR-2 Black Cap 425 Gr Copper Frangible | RoyalArms.com

a. Current Quantity: 0
b. Quantity Sought: 1,000
c. Cost: $5 per round

iv. C2 EXPLOSIVE SHEET. An explosive sheet is a material formed by combining an explosive with a "rubberized" flexible binding agent. The resulting compound is cast into a flat sheet which is typically pliable and deformable over a wide range of temperatures. An explosive sheet is very stable and shock-insensitive, requiring a blasting cap or other detonator. A C2 Explosive sheet has less explosive material than C3, which allows the least amount of explosive agent possible while still producing a positive breach. Cordtex™ (oricaminingservices.com)

a. Current Quantity: 1 ft
b. Quantity Sought: 100
c. Cost: $5,000

v. C3 EXPLOSIVE SHEET. An explosive sheet is a material formed by combining an explosive with a "rubberized" flexible binding agent. The resulting compound is cast into a flat sheet, which is typically pliable and deformable over a wide range of temperatures. An explosive sheet is very stable and shock insensitive, requiring a blasting cap or other detonator. Cordtex™ (oricaminingservices.com)

a. Current Quantity: 1ft
b. Quantity Sought:100
c. Cost: $5,000

vi. FLEX LINEAR SHAPE CHARGE LEAD 250 GR/FT 16" (FLSC) is an explosive product that produces a cutting jet to sever a wide range of materials and applications such as cutting, breaching, Explosive Ordnance Disposal (EOD), and other applications where fast and reliable cutting is required. FLSC comes in a variety of metal cladding

and can be used to sever steel, aluminum, titanium, composite materials, other metals, structural sections, and glass. Cordtex™ (oricaminingservices.com)

a. Current Quantity: 50
b. Quantity Sought: 50
c. Cost: $36 per foo.

b) Purpose
To defeat a locking mechanism safely and rapidly.

c) Authorized Use
Explosive breaching may only occur after authorization by the Incident Commander or SWAT Commander or his designee, and during training exercises.

d) Expected Lifespan
- Breaching Shotgun – 25 years
- Blasting Caps – 10 years
- C2 and C3 Explosive Sheets – 10 years
- Detonating cord – 10 years
- Flex Linear Shape Charge Lead – 10 years
- Royal Arms Tesar – 2 black cap copper breaching round – 5 years

e) Fiscal Impact
Annual maintenance is approximately $500

f) Training
All officers who use explosive breaching components shall attend 80 hours of explosive breaching instruction, with monthly continuous training. All officers who use shotgun breaching components shall attend 40 hours of shotgun breaching training as well as additional quarterly training.

g) Legal and Procedural Rules
It is the policy of the LBPD to utilize breaching tools only for official law enforcement purposes, and pursuant to State and Federal laws.

3. **Rifles:** Guns that are fired from shoulder level, having a long spirally grooved barrel intended to make bullets spin and thereby have greater accuracy over a long distance.

a) Description, capabilities, quantity, and purchase cost

i. Barrett .50 Caliber rifle, Model 82A1M – A semi-automatic rifle used by officers assigned to the SWAT team as snipers. The use of the rifle is reserved for disabling a vehicle in incidents where lethal force is justified, and no other reasonable means exist to stop the vehicle to protect innocent lives. Model 82A1® - Barrett Firearms

a. Current Quantity: 1
b. Quantity Sought: 0
c. No cost (rifle was donated, covering the entire estimated cost of $8500 each)

ii. FN America M240B 7.62x51mm NATO weapon – Open bolt, 21.7" barrel length, 48.5" overall length, machined steel receiver, gas-

operated, air-cooled, polymer buttstock. FN® M240B | FN® (fnamerica.com)

a. Current Quantity: 2
b. Quantity Sought: None as of publishing the Special Order, but will replenish the stock as needed
c. Cost: $8600

iii. LWRC REPR .308 caliber rifle – A highly accurate and durable semi-automatic rifle used by officers assigned to the SWAT team as snipers. REPR MKII 7.62 NATO (lwrci.com)

a. Current Quantity: 4
b. Quantity Sought: 0
c. Cost: $4,500

iii. Primary Weapons Systems (PWS) 22-2M111RA1B-NFA-2 MK111 MOD 2-M SBR Rifle, 11.85" Barrel, .223 Wylde, M-LOK rail, Triad556, BCM furniture, JPFCP-1EZ (https://www.primaryweapons.com/mk111-mod-2-m-rifle-223-wylde/).

a. Current Quantity: 40
b. Quantity Sought: 0
c. Cost for each rifle: $1800

iv. LWRCI SWAT OPERATOR PACKAGE IC DI 10.5" RIFLE – A rifle that fires an intermediate-power cartridge (.223), which is more powerful than a standard pistol but less powerful than a standard rifle. It is a short-barreled rifle that allows a trained officer better control inside of structures with greater accuracy than a handgun.

a. Current Quantity: 0
b. Quantity Sought: 40
c. $2470

b) Purpose

To be used as precision weapons to address a threat with more precision and/or greater distances than a handgun, if present and feasible.

c) Authorized Use

Only members who are Department certified are authorized to use a rifle.

d) Expected Lifespan

i. Barrett .50 Caliber rifle, Model 82A1M – 15 years
ii. FN America M240B – 15 years
iii. LWRC REPR .308 caliber rifle, 15 years
iv. LWRC 5.56 caliber rifle, Model M6 – 15 years

e) Fiscal Impact

Annual maintenance is approximately $50 for each firearm.

f) Training

Prior to using a rifle, officers must be certified by POST instructors in the operation of the rifle. Additionally, all members who operate any rifle are required to pass a range qualification 4 times a year.

g) Legal and Procedural Rules

It is the policy of the LBPD to utilize rifles only for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force.

4. Image Intensifier (Night Vision)

a) Description, capabilities, quantity, and purchase cost

i. Night vision goggles which allow officers to see in low light conditions. Night Vision Goggles (NVG): ATN Infrared & Thermal Vision Goggles (atncorp.com)

a. Current Quantity:16
b. Quantity Sought: 16
c. Cost: $2,570

b) Purpose

Used by SWAT in low light conditions during critical incidents when traditional lighting tools such as flashlights would be unsafe to use.

c) Authorized Use

Only members trained in the use of night vision equipment are authorized to use the equipment. These devices are assigned to SWAT and are used at the direction of the SWAT commander.

d) Expected Lifespan

Approximately 10 years

e) Fiscal Impact

None

f) Training

Prior to using night vision, officers receive POST approved training in the operation of night vision. Additionally, all members that deploy night vision equipment train quarterly each year.

g) Legal and Procedural Rules

It is the policy of the LBPD to utilize night vision only for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force.

5. Projectile Launch Platforms and Associated Munitions 40mm System

a) Description, capabilities, quantity, and purchase cost

40mm are less lethal options that allow law enforcement officers to deliver chemical agents and kinetic energy impacts to suspects in a potentially violent encounter. It is a de-escalation tool used to minimize injuries and reduce the chance of lethal encounters. The range of the launching system creates a barrier between officers and the suspect, reducing the immediacy of the threat, which is a principle of de-escalation.

i. Defense Technology, 40mm, single-shot launcher, #1425. The 40mm less lethal launching system uses smokeless powder to deliver 40mm projectiles from a safe distance. https://www.defense-technology.com/product/40mm-lmt-tactical-single-launcher-expandable-stock/

a. Current Quantity: 37

b. Quantity Sought: 0
c. Cost: $1000

ii. Penn Arms 40mm, multi-shot launcher, pump advance version, PGL65, double action, 6-shot capability with an adjustable stock. combinedsystems.com
a. Current Quantity: 6
b. Quantity Sought: 0
c. Cost: $2250

iii. Defense Technology, 40mm Exact Impact sponge munition, #6325. A less lethal lightweight plastic and foam projectile fired from a single or multi-shot 40mm launcher. The 30-gram foam projectile delivers 120 foot-pounds of energy on impact at 325 feet per second. The munition provides accurate and effective performance when fired from the approved distances (no less than 5 feet and up to 130 feet from the target).
https://www.defense-technology.com/wp-content/uploads/2020/06/40mm-eXact-iMpact-Sponge-Round-6325.pdf
a. Current Quantity:1,080
b. Quantity Sought: 1,150
c. Cost: $18

iv. Defense Technology, 40mm extended range direct impact. A less lethal lightweight expanding foam projectile used for longer distances.
a. Current Quantity:344
b. Quantity Sought: 100
c. Cost $18 per round

v. Defense Technology, 40mm Warning/Signaling Munition #60280WS, 50 Meter. The 40mm Aerial Warning/Signaling Munition, 50 meters, is intended for use in situations where stand-off distance is desired, giving the operator the ability to engage crowds, vehicles, or vessels. Launched from a 40mm platform, the munitions deflagrate at a set distance of 50 meters to deliver 170 dB of sound and 5 million candelas of light, noticeable in day or night conditions.
a. Current Quantity: 90
b. Quantity Sought: 25
c. Cost $41

vi. DEFENSE TECHNOLOGY, 40MM STINGER 60 CALIBER RUBBER BALLS MUNITION, #6097. A less lethal munition round that carries approximately eighteen 60 caliber rubber balls. It utilizes smokeless powder as the propellant.
a. Current Quantity: 172
b. Quantity Sought: 800
c. Cost: $27

vii. DEFENSE TECHNOLOGY, 40MM EXACT IMPACT RELOADABLE 24-SHOT TRAINING KIT, #6525. The 24-Shot eXact iMpact™ Training

Round Kit includes 24-primed bases and 8-training projectiles, providing a total of 24-training shots. This reloadable training kit allows officers to practice loading, sighting, trigger pull, and range estimate at a fraction of the cost of operational rounds. https://www.defense-technology.com/product/exact-impact-40mm-reloadable-24-shot-training-kit/)

a. Current Quantity: 0
b. Quantity Sought: 50
c. Cost: $500 each

b) Purpose

To limit the escalation of conflict when lesser levels of force options are unsuccessful or are unable to be utilized.

c) Authorized Use

40mm launching systems are authorized for use by police personnel who have completed the required Department training. Situations for use of the less lethal weapon systems may include, but are not limited to:

- Self-destructive, dangerous and/or combative individuals
- Riotous crowd control
- Circumstances where a tactical advantage can be obtained
- Potentially vicious animals

d) Expected Lifespan

i. 40mm Launcher #1425: No expiration
ii. Penn Arms 40mm, multi-shot launcher: No expiration
iii. 40mm Sponge Round #6325: 5 years
iv. 40mm extended range direct impact: 5 years
v. 40mm Warning/Signaling Munition #60280WS: 5 years
vi. 40MM STINGER 60 CALIBER RUBBER BALLS MUNITION, #6097: 5 years
vii. 40MM EXACT IMPACT RELOADABLE 24-SHOT TRAINING KIT, #6525: 5 years

e) Fiscal Impact

i. 40mm Launchers: Estimated maintenance between $0 and $500 annually
ii. Penn Arms 40mm, multi-shot launcher: Estimated maintenance between $0 and $500 annually
iii. 40mm #6325 Sponge Round: Estimated between $0 and $1,000 annually
iv. 40mm extended range direct impact: Estimated maintenance is $0 annually
v. 40mm Warning/Signaling Munition #60280WS: Estimated maintenance is $0 annually
vi. 40MM STINGER 60 CALIBER RUBBER BALLS MUNITION, #6097: Estimated maintenance is $0 annually
vii. 40MM EXACT IMPACT RELOADABLE 24-SHOT TRAINING KIT, #6525: Estimated maintenance is $0 annually

f) Training

Prior to using a 40mm launcher, officers must be trained by LBPD POST-certified

instructors in the operation of the launcher. Additionally, all officers are required to pass an annual recertification course provided by LBPD POST-certified instructors.

g) Legal and Procedural Rules
The use of kinetic energy projectiles and chemical agents is established under LBPD Manual § 10.12. It is the policy of the LBPD to utilize kinetic energy projectiles for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

6. Tear Gas

a) Description, capabilities, quantity, and purchase cost
Chemical agent munitions and canisters, which are commonly referred to as "tear gas." The LBPD deploys two chemical agents that are used by law enforcement agencies across the United States: CS (2-hlorobenzylidenemalononitrile) and OC (Oleoresin Capsicum).

CS is an irritating agent and lachrymator (irritates the eyes and causes tears to flow). OC was deregulated in California in 1996 and is available to civilians to legally possess (2.5 oz or less). OC is an inflammatory agent that causes temporary involuntary closure of eyes and respiratory inflammation, which generally subsides after several minutes.

i. 1026 – Defense Technology, Triple-Chaser Separating Canister CS. The Triple-Chaser CS Canister consists of three separate canisters pressed together with the ability to separate when deployed. When deployed, the canisters separate and land approximately 20 feet apart, allowing increased area coverage in a short period of time. The canister can be hand-deployed or launched from a delivery system. The canister is 6.5" x 2.7" and holds approximately 92 grams of agent. The device has an approximate burn time of 20 to 30 seconds. Triple-Chaser® Separating Canister, CS – Defense Technology (defense-technology.com)
   a. Current Quantity: 60
   b. Quantity Sought: 75
   c. Cost: $52.00

ii. Defense Technology, Flameless Tri-Chamber Cs Grenade, #1032.

The word grenade as used in the manufacture description below refers to the mechanism inside the device which begins the chemical reaction for the release of the chemical agent.

The design of the Tri-Chamber Flameless CS Grenade allows the contents to burn within an internal can and disperse the agent safely with reduced risk of fire. The grenade is designed primarily for indoor tactical situations to detect and/or dislodge a barricaded subject. This

grenade will deliver approximately .70 oz. of agent during its 20-25 seconds burn time. The Tri-Chamber Flameless Grenade can be used in crowd control as well as tactical deployment situations by law enforcement. Its applications in tactical situations are primarily to detect and/or dislodge barricaded subjects. The purpose of the Tri-Chamber Flameless Grenade is to minimize the risks to all parties through pain compliance, temporary discomfort, and/or incapacitation of potentially violent or dangerous subjects. The Tri-Chamber Flameless Grenade provides the option of delivering a pyrotechnic chemical device indoors, maximizing the chemicals' effectiveness via heat and vaporization, while minimizing or negating the chance of fire to the structure. The Tri-Chamber Flameless Grenade is NOT to be launched utilizing a launching cup. Flameless Tri-Chamber CS Grenade – Defense Technology (defense-technology.com).

a. Current Quantity: 150
b. Quantity Sought: 30
c. Cost $45

iii. Defense Technology, 40mm Direct Impact OC, #6320. A less lethal 40MM lightweight plastic and crushable foam projectile fired from a single or multi-round purpose-built 40mm grenade launcher with a rifled barrel at 295 FPS. The 39-gram crushable foam projectile delivers 120 ft/lbs. of energy upon impact in addition to the dispersion of 5 grams of OC irritant. The 40mm Direct Impact OC Round provides accurate and effective performance when fired from the approved distance of not less than 5 feet and as far as 120 feet from the target. Direct Impact® 40 mm OC Crushable Foam Round – Defense Technology (defense-technology.com)

a. Current Quantity: 150
b. Quantity Sought: 100
c. Cost: $30

iv. 1087– Defense Technology, Stinger, Rubber Balls. The Stinger Rubber Balls device delivers three stimuli for psychological and physiological effects: rubber balls, light, and sound. The device is used to deliver .60 caliber rubber balls with the stimuli of bright light and sound. It is widely used as a riotous crowd management tool by law enforcement. The device has an initial 1.5 second delay that initiates a fuse assembly separation, followed by another 0.5 second delay before the function of the device. Stinger® 60-Caliber Rubber Balls – Defense Technology (defense-technology.com)

a. Current Quantity: 0
b. Quantity Sought: 75
c. Cost: $53.00

v. Defense Technology, Maximum HC Smoke Military-Style Canister, #1083.

The word grenade as used in the manufacture description below refers to the mechanism inside the device which begins the chemical reaction for the release of the chemical agent.

The Military-Style Maximum Smoke Grenade comes from the Defense Technology #3 smoke grenade. It is a slow-burning, high volume, continuous discharge grenade designed for outdoor use in crowd management situations. Emits grey-white smoke only for approximately 1.5 to 2 minutes. Maximum HC Smoke Military-Style Canister – Defense Technology (defense-technology.com).

a. Current Quantity: 14
b. Quantity Sought: 20
c. Cost: $38

vi. Defense Technology, 40mm CS Ferret. The ferret round is deployed from a 40mm launcher and contains CS gas. The ferret is used to deploy CS gas from a safe distance. Ferret® 40 mm Powder Barricade Round, CS – Defense Technology (defense-technology.com)

a. Current Quantity: 350
b. Quantity Sought: 350
c. Cost $23 per round

vii. DEFENSE TECHNOLOGY, POCKET TACTICAL CS GRENADE, #1016.

The word grenade as used in the manufacture description below refers to the mechanism inside the device which begins the chemical reaction for the release of the chemical agent.

The pocket tactical grenade is small (4.75 in. by 1.4), and lightweight (0.9 oz) and fits easily in most tactical pouches. The active CS agent will burn for approximately 20-40 seconds. The Pocket Tactical CS Grenade minimizes the risks to all parties through pain compliance, temporary discomfort, and/or incapacitation of potentially violent or dangerous subjects. It also provides the option of delivering a small pyrotechnic chemical device indoors while using a burn safe, maximizing the chemicals' effectiveness via heat and vaporization, while minimizing or negating the chance of fire to the structure. (defense-technology.com).

a. Current Quantity: 0
b. Quantity Sought: 50
c. Cost: $32

viii. DEFENSE TECHNOLOGY, RIOT CS GRENADE, #1082.

The word grenade as used in the manufacture description below refers to the mechanism inside the device which begins the chemical reaction

for the release of the chemical agent.

The RIOT CS Grenade is designed specifically for outdoor use in a crowd control situation with a high-volume continuous burn that expels its payload in approximately 20-40 seconds through four gas ports located on top of the canister. This grenade will deliver approximately 2.7 oz. of agent. defense-technology.com.

a. Current Quantity: 0
b. Quantity Sought: 50
c. Cost: $42

b) Purpose
To limit the escalation of conflict where the use of lethal force is prohibited or undesirable. Situations for use of the less lethal weapon systems may include, but are not limited to:

- Self-destructive, dangerous and/or combative individuals.
- Riot/crowd control and civil unrest incidents.
- Circumstances where a tactical advantage can be obtained.
- Potentially vicious animals.
- Training exercises or approved demonstrations.

c) Authorized Use
Only officers who have received POST certification in the use of chemical agents are authorized to use chemical agents.

d) Expected Lifespan
5 years from the manufacturing date.

e) Fiscal Impact
No annual maintenance.

f) Training
Sworn members utilizing chemical agent canisters are certified by POST as less lethal and chemical agent instructors.

g) Legal and Procedural Rules
Use is established under the LBPD Manual § 6.8.14.2. Use of Chemical Agents. It is the policy of the LBPD to utilize chemical agents only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

7. **Distraction Devices:** A device used to distract dangerous persons.

a) Description, capabilities, quantity, and purchase cost

i. Defense Technology, model 8902 Distraction Device. A low roll distraction device that produces a loud bang with a bright light. Ideal for distracting dangerous suspects during a hostage rescue, room entry, or other high-risk arrest situations. Low Roll® 12-Gram Non-Reloadable Distraction Device® - Defense Technology (defense-technology.com)

a. Current Quantity: 61
b. Quantity Sought: 30
c. Cost: $90

ii. Defense Technology, model 7001CI Distraction Device Command Initiated 12-Gram Reload with Thermo Tube. The Command Initiated Reload can be initiated on command from a remote point, alleviating initiation delay when instantaneous results are desired. It is ideal for operations utilizing bang poles, deterring retreat, and achieving space denial from predetermined areas. 12" of thermos tubing is included with the reload. Distraction Device® Command Initiated 12-Gram Reload with Thermo Tube – Defense Technology (defense-technology.com)

a. Current Quantity: 0
b. Quantity Sought: 70
c. Cost: $41

b) Purpose

A distraction device is ideal for distracting dangerous suspects during assaults, hostage rescue, room entry or other high-risk arrest situations. To produce atmospheric over-pressure and brilliant white light and, as a result, can cause short-term 6 – 8 seconds physiological/psychological sensory deprivation to give officers a tactical advantage.

c) Authorized Use

Diversionary Devices shall only be used:

- By officers who have been trained in their proper use.
- In hostage and barricaded subject situations.
- In high-risk warrant (search/arrest) services where there may be extreme hazards to officers.
- During other high-risk situations where their use would enhance officer safety.
- During training exercises.

d) Expected Lifespan

Defense Technology, model 8902 Distraction Device – 5 years

e) Fiscal Impact

No annual maintenance

f) Training

Prior to use, officers must attend divisionary device training that is conducted by POST-certified instructors.

g) Legal and Procedural Rules

It is the policy of the LBPD to utilize diversion devices only for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force.

8. Robot (Category 1)

a) Description, capabilities, quantity, and purchase cost

This equipment is a battery-powered, remote-operated device. Equipped with four cameras and two-way radio capabilities. This equipment is for (potential) use during high-risk incidents. Use is limited to members of the Department's Special Weapons and Tactics (SWAT) Technicians. Incidents that may qualify for robot use include, but are not limited to, a high-risk warrant service, barricaded subject, and hostage negotiation/rescue.

Before entering a structure, particularly in a tactically compromised and dangerous situation, knowledge of a subject's location is very important, and the robot(s) can provide that without placing anyone at risk. Cameras can also help determine if a subject is armed and if there are other subjects inside that need assistance. The two-way speakers can be used to de-escalate and determine resistance levels.

i. Andros F6A robot, (Northrop Grumman Remotec – Army Technology (army-technology.com)
   a. Current Quantity: 1
   b. Quantity Sought: 1
   c. Cost: $100,000
ii. Robotex Avatar 3 robot, (Robotex Inc Avatar Robot – https://shop.aardvarktactical.com/products/sh-lokimk2).
   a. Current Quantity: 3 robots / 1 arm
   b. Quantity Sought: 1
   c. Cost: $25,000 + $35,000 for a robotic arm

b) Purpose
To be used to remotely gain visual/audio data, deliver Hostage Negotiation Team phone, open doors, and clear buildings.

c) Authorized Use
Only assigned Technicians who have completed the required training shall be permitted to operate the robot. Use is established by the Incident Commander. All other applicable LBPD policies remain in effect, including, but not limited to, LBPD Training Bulletin 169 – Search and Seizure and LBPD Manual § 7.5.5 – SWAT.

d) Expected Lifespan
10- 15 years

e) Fiscal Impact
No known annual maintenance cost.

f) Training
All robot operators receive in-house training on the use and deployment of the robots. All robot operators train monthly with the robots.

g) Legal and Procedural Rules
It is the policy of the LBPD to utilize a robot only for official law enforcement purposes and in a manner that respects the privacy of our community, pursuant to State and Federal law.

9. Unmanned Aerial Vehicles (Category 1)

a) Description, quantity, capabilities, and purchase cost

The four DJI Technology Company brand small, unmanned aircraft system (sUAS) products are commercially available, battery-powered, and remotely operated devices that are commonly used by construction and utility companies for the inspection of buildings, powerlines, windmills and other infrastructure and/or by civilian hobbyists for recreational activities.

Via the monitors attached to the controllers, the sUAS cameras provide operators the ability to view live images from the devices' camera. Flight time of approximately 25-30 minutes per battery, depending on weather and flight conditions. The sUAS has also proven to be useful to public safety agencies for search and rescue, pre-operational surveillance, and other tactical situations where aerial views enhance the safety and efficiency of law enforcement.

i. DJI Matrice 100 unmanned aircraft system (sUAS).
   a. Current Quantity:1
   b. Quantity Sought: 0
   c. Cost: 15,000 for all 3 DJIs

ii. DJI Phantom 4 Professional small, unmanned aircraft system (sUAS).
   a. Current Quantity: 2
   b. Quantity Sought: 1
   c. Cost: 15,000 for all 3 DJI

iii. Sky Hero LOKI 2 small, unmanned aircraft system (sUAS). The Sky Hero LOKI 2 sUAS is designed for and utilized by SWAT Technicians to assist in operations in the interior of structures, remotely gain visual data and clear buildings. It possesses visible and infrared capable cameras for low-light conditions. Flight time is approximately 18 minutes per battery, depending on flight conditions. Via the monitors attached to the controllers, the sUAS cameras provide operators the ability to view live images from the devices' camera. SKY-HERO LOKI Mk2 :: Website :: AARDVARK (aardvarktactical.com)
   a. Current Quantity:2
   b. Quantity Sought: 0
   c. Cost: $10,000

iv. DJI Matrice 30 Series, Professional small, unmanned aircraft system (sUAS). https://enterprise.dji.com/matrice-30/specs
   a. Current Quantity: 0
   b. Quantity Sought: 1
   c. Cost: $19,703.51

v. DJI Matrice 350 RTK, Professional small, unmanned aircraft system (sUAS). https://enterprise.dji.com/matrice-350-rtk
   a. Current Quantity: 0
   b. Quantity Sought: 1
   c. Cost: $39,692.56

b) Purpose
To be deployed when its view would assist officers or incident commanders with the following situations, which include but are not limited to:
- Major collision investigations
- Search for missing persons
- Natural disaster management
- Crime scene photography
- SWAT, tactical, or other public safety and life preservation missions

c) Authorized Use
Only assigned operators who have completed the required training and possess a valid Part 107 FAA commercial UAS pilot's license shall be permitted to operate any of the sUAS during approved missions. All other applicable LBPD policies remain in effect, including, but not limited to, LBPD Training Bulletin 169 – Search and Seizure, LBPD Training Bulletin 164 – At Risk Missing Persons, LBPD Special Order – Unmanned Aircraft Systems (UAS), and LBPD Manual § 7.5.5 – SWAT.

d) Expected Lifespan
5-6 years

e) Fiscal Impact
No known annual maintenance cost.

f) Training
All Department sUAS operators are licensed by the Federal Aviation Administration for sUAS operation. In addition, each operator must attend training updates throughout the year.

g) Legal and Procedural Rules
Use is established under FAA Regulation 14 CFR Part 107 and Department policy. It is the policy of LBPD to utilize sUAS only for official law enforcement purposes and in a manner that respects the privacy of our community, pursuant to State and Federal law.

10. Negotiator Response Vehicle

a) Description, capabilities, and purchase cost
2000 Fleetwood Recreational Vehicle (RV) on a 1999 Ford Motor Company chassis. The Negotiator Response Vehicle is a commercially produced recreation vehicle outfitted to transport Negotiator equipment. This vehicle contains a computer center for intelligence gathering, storage of negotiation apparatuses, and the Negotiator Operation Center (NOC).
   a. Current Quantity:1
   b. Quantity Sought: 0
   c. Cost: $67,225, plus $40,000 to retrofit the vehicle

b) Purpose
Deployed for negotiation operations including but not limited to people in crisis, civil unrest, and tactical situations.

c) Authorized Use

The use of the Negotiator Response Vehicle shall only be authorized by the SWAT Lieutenant or SWAT Tactical Sergeant based on the specific circumstances of a given incident.

d) Expected Lifespan
Approximately 15 years from purchase

e) Fiscal Impact
Annual cost of approximately $19,000

f) Training
The operator of this vehicle shall have a valid driver's license. No specialized training is required to operate this vehicle.

g) Legal and Procedural Rules
The Negotiator Response Vehicle is operated in a manner consistent with California State law and Department policy and training.

11. Acoustic Device

a) Description, capabilities, and purchase cost
HPV Technologies Magnetic Audio Device (MAD) Model LT-PMS-4 is an emergency mass notification system utilizing planar technology to effectively communicate during natural disasters, civil unrest, and/or tactical situations. It has an effective range of 1 mile. https://www.getmad.com/749762.html

a. Current Quantity: 1
b. Quantity Sought: 0
c. Cost: $17,290

b) Purpose
Deployed for communication during natural disasters, civil unrest, and/or other tactical situations.

c) Authorized Use
The use of the MAD shall only be authorized by the SWAT Lieutenant or SWAT Tactical Sergeant based on the specific circumstances of a given incident.

d) Expected Lifespan
Approximately 10 years from purchase.

e) Fiscal Impact
There is no ongoing fiscal impact.

f) Training
There is no specialized training for the use of this MAD system.

g) Legal and Procedural Rules
MAD is operated in a manner consistent with California State law and Department policy and training.

12. Acoustic Device

a) Description, capabilities, and purchase cost
HPV Technologies – ClearVoice MN - 1HN-HH is a hand-held emergency mass notification system utilizing planar technology to effectively

communicate during natural disasters, civil unrest, and/or tactical situations. It has an audible distance up to 600 feet.

a. Current Quantity: 1
b. Quantity Sought: 0
c. Cost: $3000.00

b) Purpose
Deployed for communication during natural disasters, civil unrest, and/or other tactical situations.

c) Authorized Use
The use of the ClearVoice shall only be authorized by a SWAT Lieutenant or SWAT Tactical Sergeant based on the specific circumstances of a given incident.

d) Expected Lifespan
Battery life of the item is 5 years.

e) Fiscal Impact
No anticipated fiscal impact.

f) Training
There is no specialized training for the use of the ClearVoice System.

g) Legal and Procedural Rules
Clearvoice is operated in a manner consistent with California State law and Department policy and training.

13. Acoustic Device

a) Description, capabilities, and purchase cost
The LRAD 100X is a self-contained, handheld, portable communications device for on-scene and tactical communications. At 20 - 30 (dB) louder than bullhorns megaphones, the LR AD 100X is also four to six times louder than competing acoustic hailers of comparable size and weight . The LR AD 100X easily overcomes vehicle, vessel, siren and background noise to ensure every message is clearly heard and understood. https://www.safewareinc.com/item/100x-6061-aluminum-battery-powered-portable-hailing-system-with-magnetic-base-140-db-600-m-black-lrad-100x-blk-mag

a. Current Quantity: 0
b. Quantity Sought: 1
c. Cost: $16,771,76.00

b) Purpose
Deployed for communication during natural disasters, civil unrest, and/or other tactical situations.

c) Authorized Use
The use shall only be authorized by a SWAT Lieutenant or SWAT Tactical Sergeant based on the specific circumstances of a given incident.

d) Expected Lifespan
Battery life of the item is 5 years.

e) Fiscal Impact
There is no ongoing fiscal impact.

f) Training
There is no specialized training.

g) Legal and Procedural Rules
LRAD is operated in a manner consistent with California State law and Department policy and training.

MILITARY EQUIPMENT INVENTORY – COLLABORATIVE RESPONSE DIVISION

1. **Projectile Launch platforms and associated munitions 40mm system**
   a) Description, capabilities, quantity, and purchase cost
   40mm are less lethal options that allow law enforcement officers to deliver chemical agents and kinetic energy impacts to suspects in a potentially violent encounter. It is a de-escalation tool used to minimize injuries and reduce the chance of lethal encounters. The range of the launching system creates a barrier between officers and the suspect, reducing the immediacy of the threat, which is a principle of de-escalation.
      i. Penn Arms 40mm, multi-shot launcher, pump advance version, PGL65, double action, 6-shot capability with an adjustable stock.
         a. Current Quantity: 9
         b. Quantity Sought: 0
         c. Cost: $2250
      ii. Defense Technology, 40mm Exact Impact sponge munition, #6325. A less lethal lightweight plastic and foam projectile fired from a single or multi-shot 40mm launcher. The 30-gram foam projectile delivers 120 foot-pounds of energy on impact at 325 feet per second. The munition provides accurate and effective performance when fired from the approved distances (no less than 5 feet and up to 130 feet from the target).
         a. Current Quantity: 1,085
         b. Quantity Sought: 4,000
         c. Cost: $18
      iii. DEFENSE TECHNOLOGY 40MM WARNING/SIGNALING MUNITION #60280WS, 50 Meter. The 40mm Aerial Warning/Signaling Munition, 50 meters, is intended for use in situations where stand-off distance is desired, giving the operator the· ability to engage crowds, vehicles, or vessels. Launched from a 40mm platform, the munitions deflagrate at a set distance of 50 meters to deliver 170 dB of sound and 5 million candelas of light, noticeable in day or night conditions.
         a. Current Quantity: 0
         b. Quantity Sought: 300

c. Cost $41.

iv. DEFENSE TECHNOLOGY, 40MM STINGER 60 CALIBER RUBBER BALLS MUNITION, #6097. A less lethal munition round that carries approximately eighteen 60 caliber rubber balls. It utilizes smokeless powder as the propellant.
   a. Current Quantity: 0
   b. Quantity Sought: 700
   c. Cost: $27

v. Defense Technology, 40mm Exact Impact reloadable 24-shot training kit, #6525. The 24-Shot eXact iMpact™ Training Round Kit includes 24-primed bases and 8-training projectiles providing a total of 24-training shots. This reloadable training kit allows officers to practice loading, sighting, trigger pull and range estimate at a fraction of the cost of operational rounds. https://www.defense-technology.com/product/exact-impact-40mm-reloadable-24-shot-training-kit/)
   a. Current Quantity: 0
   b. Quantity Sought: 50
   c. Cost: $500 each

b) Purpose
To limit the escalation of conflict when lesser levels of force options are unsuccessful or are unable to be utilized.

c) Authorized Use
40mm launching systems are authorized for use by police personnel who have completed the required Department training. Situations for use of the less lethal weapon systems may include, but are not limited to:
- Self-destructive, dangerous and/or combative individuals
- Riotous crowd control
- Circumstances where a tactical advantage can be obtained
- Potentially vicious animals

d) Expected Lifespan
   i. Penn Arms 40mm, multi-shot launcher: No expiration
   ii. 40mm Sponge Round #6325: 5 years
   iii. 40mm Warning/Signaling Munition #60280WS: 5 years
   iv. 40MM STINGER 60 CALIBER RUBBER BALLS MUNITION, #6097: 5 years
   v. 40MM EXACT IMPACT RELOADABLE 24-SHOT TRAINING KIT, #6525: 5 years

e) Fiscal Impact
40mm Launchers: Estimated maintenance between $0 and $500 annually
40mm #6325 Sponge Round: Estimated between $0 and $1,000 annually

f) Training
Prior to using a 40mm launcher, officers must be trained by LBPD POST-certified instructors in the operation of the launcher. Additionally, all officers are required to

pass an annual recertification course provided by LBPD POST-certified instructors.

g) Legal and Procedural Rules
The use of kinetic energy projectiles and chemical agents is established under LBPD Manual § 10.12. It is the policy of the LBPD to utilize kinetic energy projectiles for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

2. **Community Policing Vehicle**
   a) Description, capabilities, quantity, and purchase cost
   2000 International Recreational Vehicle (RV) on a 1999 Ford Motor Company chassis. This Command Post Vehicle is a commercially produced recreation vehicle outfitted to transport individuals and equipment associated with Driving Under the Influence (DUI) education material, gear, and enforcement items.
      a. Current Quantity:1
      b. Quantity Sought: 0
      c. Cost: $273,930
   b) Purpose
   Utilized during Driving Under the Influence (DUI) programs for the purpose of education and enforcement
   c) Authorized Use
   The use of this CPV requires the Motor Sergeant's or the Collaborative Response Division Commander's authorization.
   d) Expected Lifespan
   Approximately 15 years from purchase
   e) Fiscal Impact
   Annual cost of approximately $11,821
   f) Training
   The operator of this vehicle shall have a valid driver's license. No training is required to operate this vehicle.
   g) Legal and Procedural Rules
   The Community Policing Vehicle is operated in a manner consistent with California State law and Department policy and training.

MILITARY EQUIPMENT INVENTORY – AMMUNITION STORAGE

1. **Ammunition**
   a) Description, capabilities, quantity, and purchase cost
      i. Barret .50 Caliber BMG Ammunition, M33 rifle round. FMJ bullet is designed to penetrate barriers (HSM Ammunition by Caliber).
         a. Current Quantity: 4,100
         b. Quantity Sought: 1,500
         c. Cost: $10 per round.

ii. Hornady .308 Caliber Ammunition, ELD TAP. A highly accurate round designed to penetrate common barriers but prevent overpenetration (168 gr ELD® MATCH TAP PRECISION® - Hornady Law Enforcement (hornadyle.com)).
   a. Current Quantity: 5,400
   b. Quantity Sought: 11,000
   c. Cost: $1.25 per round

iii. Winchester .223 Ammunition, FMJ. This ammunition is designed for range practice and provides a reliable round at a cost-effective price (WM193K | Winchester Ammunition).
   a. Current Quantity: 150,000
   b. Quantity Sought: 60,000
   c. Cost $0.20 per round.

iv. Winchester .223 Ammunition Ballistic Silvertip. This ammo features a specially designed bullet that will reliably expand while passing through a variety of barriers, without overpenetration (RA223BSTA | Winchester Law Enforcement (winchesterle.com)).
   a. Current Quantity: 40,000
   b. Quantity Sought: 20,000
   c. Cost $0.68 per round.

v. Winchester .223 Ammunition frangible SF. This ammunition is designed for use in training. The round breaks apart into a powder after impacting a steel target or barrier, reducing the chance of injury (RA223SF | Winchester Law Enforcement (winchesterle.com).
   a. Current Quantity: 18,000
   b. Quantity Sought: 18,000
   c. Cost $0.56 per round.

vi. Hornady .308 WIN TAP Urban. This cartridge provides the police marksman with a unique bullet that demonstrates rapid expansion, fragmentation, and low retained weight. The 110 gr. TAP Urban® bullet offers the least penetration in ballistic gelatin and lower felt recoil as compared to heavier TAP® loads. The 110gr bullet demonstrates similar penetration to the .223 Rem 75gr BTHP bullet, but with substantially more temporary and permanent cavity and fragmentation, proving itself an excellent choice for high collateral risk environments.(Hornadyle.com)
   a. Current Quantity: 1,500
   b. Quantity Sought: 1,000
   c. Cost $1.25 per round (.308 Win TAP URBAN® - Hornady Law Enforcement

vii. .308 linked 4-1 FMJ to Tracer, 7.62x51mm NATO Full Metal Jacket 200 Rounds Linked Ammunition in steel ammo can is a feeding device for the FN America M240B weapon.
   a. Current Quantity: 10,000

b. Quantity Sought: 0
c. Cost: $0.90 per round

viii. 55.6 NATO TAP SBR™ #81295 is designed specifically for 10.5"-11.5" SBR's by using proprietary propellant technology and a bullet designed with technology from industry leading Critical Duty® FlexLock® bullets. TAP® SBR™ provides exceptional ammunition performance in SBR's suppressed or unsuppressed, with virtually no flash or residue, dramatically reduced sound signature, will not foul or overheat suppressors, uniform velocity and accuracy, and provides controllable rate of fire in automatic platforms. Designed to meet the requirements of the FBI protocol, TAP® SBR™ is the optimum choice for 10.5"-11.5" barreled 5.56 rifles. (Hornadyle.com)
a. Current Quantity: 25,000
b. Quantity Sought: 12,000
c. Cost: $0.85 per round

ix. 55.6 NATO TAP SBR TRAINING, Training™ ammunition compliments the current TAP® duty rounds by delivering comparable, yet economical ammunition for law enforcement training. Utilizing efficient production processes and quality brass or steel cases, Hornady® Training™ ammunition delivers reliable functioning, accuracy, and point of aim / point of impact consistency when compared to comparable duty rounds. (Hornadyle.com)
a. Current Quantity: 120,000
b. Quantity Sought: 23,000
c. Cost: $0.57 per round

x. Federal .300 Winchester Magnum – The exclusive primer design provides the best sensitivity and most consistent ballistics in the industry. https://www.federalpremium.com/rifle/gold-medal/gold-medal-sierra-matchking/11-GM300WM.html
a. Quantity: 800
b. Quantity Sought: 1,000
c. Cost: $2.25 per round

b) Purpose
To be used as rifle ammunition to address a threat with more precision and/or greater distances than a handgun, if present and feasible.

c) Authorized Use
Only officers who are POST certified rifle training course are authorized to use a weapon firing this type of ammunition.

d) Expected Lifespan
5 years

e) Fiscal Impact
No annual maintenance for ammunition.

f) Training

Per Department policy, officers must qualify once a year with a patrol rifle to remain certified with the rifle.

g) Legal and Procedural Rules

Ammunition must be stored inside the range facility or kept in a magazine feeding device after being issued. Per policy, a round may not be inserted in the chamber until the rifle is deployed in the field on an incident or used during training/qualification.

Wally Hebeish, Chief of Police

11-2-2023
Date

WH:RBW:lp
Policy Analysis and Development Unit/Special Order – Military Equipment (AB-481)