

**SAN BERNARDINO COUNTY SHERIFF'S DEPARTMENT
ANNUAL MILITARY EQUIPMENT REPORT
FOR JANUARY 1—DECEMBER 31, 2023**

MARCH 29, 2024



I. MILITARY EQUIPMENT INVENTORY

The San Bernardino County Sheriff's Department (Department) utilizes the equipment listed below for law enforcement purposes only, in a manner that is consistent with the equipment's category's description. The Department's use complies with state and federal law, including any licensing or certification requirements, and County and Department policies and procedures. All equipment is used in a manner that protects public and officer safety and the community's civil rights and civil liberties, with the goal of minimizing injury to persons and property, including when exigent circumstances arise that may require a related use not explicitly described below. Deployments are relegated to those who have completed requisite training or qualification, including that from the Department and the Commission on Peace Officer Standards and Training (POST).

A. SPECIALIZED ENFORCEMENT DIVISION

The Specialized Enforcement Division is comprised of specially trained and highly dedicated sworn and professional personnel who cover a range of specific enforcement areas. Personnel are organized into several teams and task forces to provide enforcement in disciplines requiring training and equipment not available to patrol deputies. The division is called upon for many elevated risk tasks, such as Special Weapons and Tactics (SWAT) and Arson/Bomb Detail investigations and responses, including investigation of suspected explosives, elevated and high-risk warrant services, and apprehension of armed fugitives.

1. SMALL UNMANNED AVIATION SYSTEMS

A Small Unmanned Aviation Systems (sUAS) is an unmanned, remotely-controlled aircraft that is equipped with various sensors and is used to minimize injury or death to suspects, safety members, and others, and to avoid property damage. sUAS use is often necessary for visual observation of incidents where a danger to life exists and traditional observation methods would be ineffective and more dangerous.



Item: Autel Evo II Dual

Description: The Evo II Dual is an outdoor sUAS that weighs approximately five pounds and is used to search the exteriors of various structures and assist in search and rescue operations and high-risk law enforcement incidents. The Evo II Dual is equipped with standard and thermal sensors to enable its use during various conditions.

Link:	https://autel drones.com/pages/evo-ii-dual-specification
Quantity:	Two (2)
Initial Cost:	\$10,000 per item
Ongoing Costs:	Approximately \$400



Item: Sky-Hero LOKI Mk 2

Description: The LOKI Mk 2 is an indoor sUAS that weighs approximately two pounds and is used to search the interiors of various structures.

Link: <https://sky-hero.com/products/loki-mkii/>

Quantity: Four (4)

Initial Cost: \$1,825 per item

Ongoing Costs: Approximately \$800

Notes: The increase in the number of this item from two to four reflects the fact that the Department had two operational Sky-Hero LOKI Mk 2 units and it was able to repair two previously inoperable units it had on-hand at \$0 cost.



Item: Parrott ANAFI Thermal

Description: The Anafi Thermal is an indoor/outdoor rated sUAS that weighs approximately three pounds and is used to search the interiors and exteriors of various structures. It is equipped with standard and thermal sensors to enable its use in day-and nighttime law enforcement, and search and rescue, operations. The Anafi is used primarily by tactical bomb technicians to inspect possible explosive devices from safe distances.

Link: <https://www.parrot.com/us/drones/anafi-thermal>

Quantity: One (1)

Initial Cost: \$1,583 per item

Ongoing Costs: Approximately \$200

AUTHORIZED USE

The above-listed sUAS are deployed only when they assist deputies or incident commanders during SWAT/explosive device responses or other public safety missions, such as hostage rescue operations, barricaded suspects, rural operations involving armed suspects, or other missions to protect life. Deployments are relegated to sUAS operators with current Remote Pilot ratings from the Federal Aviation Administration. These operators attend initial and ongoing Department sUAS training. The SWAT Commander or his/her designee will approve sUAS use.

LIFESPAN

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of an sUAS, but the equipment has an estimated lifespan of 1–3 years.

FISCAL IMPACT

Approximately \$1,400

2. ROBOTICS

Robotics are unmanned, remotely-controlled machines that operate on the ground and are utilized to enhance the safety of operators and the public by moving objects, opening doors, and allowing for visual observation and communication. This equipment minimizes injury and death to safety members and others and avoids property damage.



Item: Remotec Andros F6A

Description: The Andros F6A is a heavy-duty robot used for multiple applications including render-safe procedures on improvised explosive devices (IED) and SWAT operations. The F6A is capable of climbing stairs and lifting objects in excess of 65 pounds.

Link:

https://www.militaryfactory.com/armor/detail.php?armor_id=616

Quantity:

One (1)

Initial Cost:

\$190,000 per item

Ongoing Costs:

Approximately \$500

Notes:

The Department is correcting a typographical error made as to the quantity of this item; the Department only has one Remotec Andros F6A in its inventory.



Item: Andros Spartan Explosive Ordnance Disposal Robot

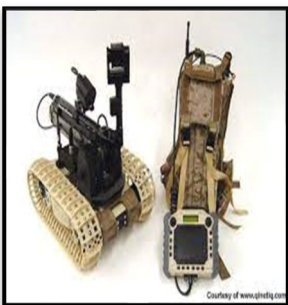
Description: The Andros Spartan is a heavy-duty robot used for multiple applications including examining, safe rendering, and moving of explosive ordnance. This robot allows for the examination of explosive devices from a safe distance and increases personal safety during hazardous incidents. The Andros Spartan is also capable of climbing stairs and lifting heavy objects, including conducting rescues of injured bomb technicians or bystanders.

Link: <https://www.army-technology.com/contractors/mines/northrop-remotec/>

Quantity: One (1)

Initial Cost: \$505,493

Ongoing Costs: Approximately \$2,000



Item: QinetiQ Dragon Runner®

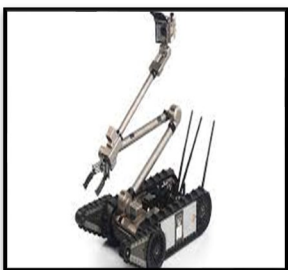
Description: The Dragon Runner is hand carried and can be operated from over one hundred yards. It is primarily deployed during SWAT operations where it can be used to clear structures without putting personnel in danger.

Link: <https://www.qinetiq.com/en-us/what-we-do/services-and%20products/dragon-runner-small-and-compact-robot>

Quantity: Two (2)

Initial Cost: \$131,696 per item

Ongoing Costs: Approximately \$4,000



Item: iRobot Pacbot®

Description: The Pacbot is a mid-sized robot that is utilized during suspected improvised explosive device incidents where the larger-sized F6A robot cannot be used. The Pacbot has a lower lifting capability, but can be used to disrupt internal components of an explosive device and render it safe.

Link:

<https://investor.irobot.com/news-releases/news-release-details/irobot-introduces-packbot-explorer-robot>

Quantity:

One (1)

Initial Cost:

\$120,255 per item

Ongoing Costs:

Approximately \$800



Item: Transcend Robotics Vantage Patrol Robot

Description: The Vantage Patrol Robot allows for quick deployment and observation during critical incidents. It can be used to search the interior of structures to maximize the safety of responding personnel and can be used to communicate with subjects via its onboard speaker.

Link:

<https://www.transcendrobotics.com/vantage>

Quantity:

One (1)

Initial Cost:

\$0

Ongoing Costs:

Approximately \$200

Notes:

Acquired at \$0 cost in a like-kind trade-in of six inoperable Transcend Robotics Vantage Patrol robots

**Item: Transcend Robotics Mini Vantage Patrol Robot**

Description: The Mini Vantage Robot delivers the most capabilities for the price including 8-inch automatic obstacle climbing, 2-hour runtime with swappable batteries, and up to 250 foot communications NLOS.

Link:	https://www.transcendrobotics.com/mini-vantage
Quantity:	One (1)
Initial Cost:	\$0
Ongoing Costs:	Approximately \$200
Notes:	Acquired at \$0 cost in a like-kind trade-in of six inoperable Transcend Robotics Vantage Patrol robots

AUTHORIZED USE

The above-listed robotics are used for a variety of tasks that would protect responding personnel and members of the public during dangerous tactical operations and calls for service for suspected explosive devices. These robotic devices are used in place of humans to search areas or structures and to examine, disable, or move explosive devices. Deployments are relegated to the Specialized Enforcement Division members who have completed required training from the Arson/Bomb Detail. The Bomb Squad Commander and/or Incident Commander will approve deployment of robotics.

LIFESPAN

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of robotics, but the equipment has an estimated lifespan of approximately 10–25 years.

FISCAL IMPACT

Approximately \$7,700

3. **EXPLOSIVE BREACHING TOOLS**

Explosive breaching tools are used to conduct explosive breaches of doors, windows, walls, and other parts of structures so that safety personnel may enter. Explosive breaches are often necessary to minimize the risk of injury or death to suspects, safety members, and others, such as during a hostage rescue, and are utilized when other methods of breaching would be ineffective or more dangerous.



Item: Blasting Cap

Description: A blasting cap or detonator initiates the detonation of a high explosive charge, such as detonation cord, by subjecting the larger, attached explosive to percussion via shock wave. Blasting caps are used to conduct render-safe procedures of suspected explosive devices and to initiate explosive breaches.

Link:

<https://www.dynonobel.com/practical-innovations/popular-products/blasting-caps>

Quantity:

One thousand eight hundred two (1,802)

Initial Cost:

\$10 per item

Ongoing Costs:

Approximately \$1,000



Item: 12-Gauge TKO Breaching Round

Description: The 12-Gauge shell loaded with a compressed zinc slug, utilizing smokeless powder as a propellant. The is a widely used method to breach door locks or hinges for entry during tactical operations. When properly deployed, the TKO is capable of defeating door lock mechanisms, doorknobs, hinges, dead bolts, safety chains, and pad locks on both wooden and hollow core doors. Upon impact with the target, the zinc slug disintegrates into a fine powder eliminating fragmentation.

Link:

<https://www.defense-technology.com/product/tko-12-gauge-breaching-round/>

Quantity:

One hundred thirty (130)

Initial Cost:

100 at \$6.55 each

Ongoing Costs:

None



Item: Detonating Cord

Description: Detonating cord is a flexible plastic tube that is filled with pentaerythritol tetranitrate. Detonating cord creates a blast wave that assists with defeating locking mechanisms.

Link:	https://www.ebad.com/primacord-detonating-cord/
Quantity:	One (1) roll (50 grain), one (1) roll (100 grain)
Initial Cost:	\$437 per item
Ongoing Costs:	Approximately \$800

AUTHORIZED USE

The above-listed explosive breaching tools are used for a variety of tasks that would protect responding personnel and members of the public during dangerous tactical operations and calls for service for barricaded suspects, high-risk search warrants, and hostage rescues. Deployments are relegated to operators who received training from the Arson/Bomb Detail, to include a 40-hour explosive breacher's course and bi-annual training on explosive operations. The Bomb Squad Commander and/or Incident Commander will approve the use of an explosive breaching tool.

LIFESPAN

All explosive breaching equipment has an estimated lifespan of approximately 10 years.

FISCAL IMPACT

Approximately \$1,800

4. **LESS-LETHAL WEAPONS/MUNITIONS**

Less lethal weapons and munitions, such as those made of soft foam rubber, are used to minimize injury to suspects and safety members and are deployed as a means of force to stop threatening subjects from harming others, such as during hostage rescues and high-risk building searches, when other tools would be ineffective or more dangerous. They are also used as breaching tools.



Item: Defense Technology® 40mm LMT™ Tactical Single Launcher, Expandable Stock

Description: The 40mm Single Launcher is a single-shot launcher that features an expandable gun stock and an adjustable grip with light rail. It fires standard 40mm less-lethal rounds up to 131 feet.

Link:

<https://www.defense-technology.com/product/40mm-lmt-tactical-single-launcher-expandable-stock/>

Quantity:

Twenty (20)

Initial Cost:

\$847 per item

Ongoing Costs:

Approximately \$500



Item: Penn Arms 40mm Pump Multi-Launcher

Description: The 40mm Pump Multi-Launcher is a pump-action advance magazine drum launcher with a fixed stock and combo rail. It has a multi-shot capacity and rifle barrel. This less-lethal munition launcher is used to train Department armorers and attendees of related training.

Link:

<https://www.combinedsystems.com/penn-arms-launchers-40mm-launchers/>

Quantity:

One (1)

Initial Cost:

\$1,000 per item

Ongoing Costs:

None



Item: Defense Technology® 40mm Tactical 4-shot Launcher

Description: The 40mm 4-shot Launcher is a launcher that features an expandable gun stock and an adjustable grip with light rail. It fires standard 40mm less-lethal rounds up to 131 feet.

Link: <https://www.defense-technology.com/product-category/4shot/>

Quantity: Five (5)

Initial Cost: \$847 per item

Ongoing Costs: Approximately \$500



Item: Defense Technology 37mm LMT Tactical Single Launcher, Expandable Stock

Description: The 37mm Tactical Single Launcher is a low-profile, lightweight launcher that features an expandable gun stock and an adjustable mounted front grip with light rail. It is used to deploy non-flammable chemical agents.

Link: <https://www.defense-technology.com/product/37mm-lmt-tactical-single-launcher-expandable-stock/>

Quantity: Two (2)

Initial Cost: \$800 per item

Ongoing Costs: None

**Item: Defense Technology 40mm Blunt Impact Projectile**

Description: The Blunt Impact Projectile is a less-lethal ammunition made of foam, usually containing a marking liquid or powder. The projectiles can also be used to break glass and other barriers, as needed.

Link: [Unavailable](#)
Quantity: Seventeen (17)
Initial Cost: \$32 per item
Ongoing Costs: None

**Item: Defense Technology 40mm Exact Impact Sponge, #6325**

Description: The Exact Impact Sponge is a less lethal, 40mm light weight plastic and foam projectile deployed from a single or multi-launcher with a rifled barrel at 325 feet per second. The 30-gram foam projectile delivers 120 feet-pounds of energy on impact. The round provides accurate and effective performance when fired from the approved distance of not less than five feet and as far as 131 feet from the target.

Link: <https://www.defense-technology.com/product/exact-impact-40-mm-standard-range-sponge-round/>
Quantity: Twenty-five (25)
Initial Cost: \$25.44 per item
Ongoing Costs: Approximately \$2,040

AUTHORIZED USE

The above-listed less lethal launchers and munitions are highly effective in disarming violent suspects, armed suspects, and suicidal subjects with minimal risk to subjects, safety members, and the public. Deployments are relegated to Specialized Enforcement Division members who received POST certified training in the deployment of these less lethal weapons during Basic SWAT School training and annual training. The launchers in the Specialized Enforcement Division's inventory are utilized for in-service training, tactical operations, and fugitive apprehension operations.

LIFESPAN

Less lethal munitions have a recommended lifespan of 5 years. Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of firearms, pneumatic launchers, and less lethal launchers. Firearms testing standards from The National Institute of Justice indicate crucial mechanisms on a firearm should have a minimum lifespan of 10 years. If thoroughly maintained, pneumatic launchers should have a 4–6-year lifespan.

FISCAL IMPACT

Approximately \$3,040

5. **CHEMICAL AGENTS AND ACCESSORIES**

Chemical agents, such as pepper spray (OC) and tear gas (CS), are used in volatile situations, such as a riot, where a danger to life and/or property exists. They can be used by law enforcement to bring an incident under control where other methods would be ineffective or more dangerous, minimizing the risk of injury to suspects, safety members, and others, and avoiding property damage.



Item: Defense Technology Flameless Expulsion CS Grenade, #2042

Description: This Flameless Expulsion Grenade is a compact, non-pyrotechnic, chemical agent device that provides safe expulsion without risk of fire. It can be safely used inside of confined areas of approximately 1500 feet to deploy approximately 0.16 oz. of tear gas.

Link:	https://www.defense-technology.com/?s=2042
Quantity:	One hundred seventy-seven (177)
Initial Cost:	\$41 per item
Ongoing Costs:	None



Item: Defense Technology Flameless Expulsion OC Grenade, #2040

Description: This Flameless Expulsion Grenade is a compact, non-pyrotechnic, chemical agent device that provides safe expulsion without risk of fire. It can be safely used inside of confined areas of approximately 1500 feet to deploy approximately 0.02 oz. of pepper spray.

Link:

<https://defense-technology.com/?s=2040>

Quantity:

One hundred sixty-eight (168)

Initial Cost:

\$42 per item

Ongoing Costs:

None



Item: Defense Technology Spede-Heat™ Continuous Discharge Chemical Grenade, CS, #1072

Description This Spede-Heat Grenade is a high volume, continuous burning launchable grenade that expels approximately 2.9 oz. of tear gas in approximately 20-40 seconds through eight ports on the canister.

Link:

<https://www.defense-technology.com/product/spede-heat-continuous-discharge-chemical-grenade-cs/>

Quantity:

Fifty-one (51)

Initial Cost:

\$38 per item

Ongoing Costs:

None



Item: Defense Technology Spede-Heat Continuous Discharge Chemical Grenade, OC, #1070

Description: This Spede-Heat Grenade is a high volume, continuous burning launchable grenade that expels approximately 1.09 oz. of pepper spray in approximately 20-40 seconds through eight ports on the canister.

Link: <https://www.defense-technology.com/product/spede-heat-continuous-discharge-chemical-grenade-oc/>

Quantity: Two (2)

Initial Cost: \$38 per item

Ongoing Costs: None



Item: Defense Technology Pocket Tactical Grenade, CS, #1016

Description: This Pocket Tactical Grenade is a small and lightweight launchable grenade that expels approximately 0.9 oz. of tear gas. It is normally used as a signaling or covering device.

Link: <https://www.defense-technology.com/product/pocket-tactical-grenade-cs/>

Quantity: Two hundred ninety-three (293)

Initial Cost: \$29 per item

Ongoing Costs: None



Item: Defense Technology Riot Control Continuous Discharge Grenade, CS, #1082

Description: This Riot Control Grenade is a high volume, continuous burning launchable grenade that expels approximately 2.7 oz. of tear gas in approximately 20-40 seconds through four ports on the canister.

Link: <https://www.defense-technology.com/product/riot-control-continuous-discharge-grenade-cs/>

Quantity: One hundred fifty (150)

Initial Cost: \$40 per item

Ongoing Costs: None



Item: Combined Systems, Inc. CS Baffled Canister Grenade, Pyro, Low Flame Potential, #5230B

Description: The CS Baffled Canister Grenade, Pyro, Low Flame Potential is an indoor-use, launchable pyrotechnic grenade that delivers 1.4 grams of tear gas throughout multiple rooms in approximately 20-40 seconds with minimal risk of fire.

Link: <https://www.combinedsystems.com/product/5230b-cs-baffled-canister-grenade-pyro-low-flame-potential-2/>

Quantity: One hundred seventy-three (173)

Initial Cost: \$39 per item

Ongoing Costs: Approximately \$9,800



Item: Combined Systems, Inc. 40mm CS Powder Barricade, Spin Stabilized, 4.1" Long Penetrating Munition, #4431

Description: The 40mm CS Powder Barricade Penetrating Munition is a tear gas powder-filled projectile that penetrates intermediate barriers and delivers approximately 1.4 grams of tear gas powder into adjacent rooms.

Link:

<https://www.combinedsystems.com/product/4431-40mm-cs-powder-barricade-spin-stabilized-4-8-long-special-shipping-call-for-details/>

Quantity:

One hundred eighty-nine (189)

Initial Cost:

\$17 per item

Ongoing Costs:

Approximately \$3,400



Item: Combined Systems, Inc. LC5 Launching Cup, #LC5

Description: The LC5 launching cup can be attached to most 12-gauge shotguns to enable them to launch smaller-sized grenades, such as those containing tear gas.

Link:

<https://www.combinedsystems.com/product/lc5-and-lc6-launching-cups/>

Quantity:

Five (5)

Initial Cost:

\$166 per item

Ongoing Costs:

None



Item: Defense Technology 12-Gauge Muzzle Bang/Launching Cartridge Round, #1210

Description: The 12-gauge Muzzle Bang/Launching Cartridge is used to launch chemical munitions from a 12-gauge shotgun.

Link: <https://www.defense-technology.com/product/12-gauge-muzzle-bang-launching-cartridge-round/>

Quantity: One hundred (100)

Initial Cost: \$5 per item

Ongoing Costs: None



Item: CTS Combined Systems 12-Gauge Muzzle Bang/Launching Cartridge Round, #2600

Description: The 12-gauge Muzzle Bang/Launching Cartridge is used to launch chemical munitions from a 12-gauge shotgun.

Link: <https://www.combinedsystems.com/product/2600-12ga-launching-cartridge/>

Quantity: Two hundred fifty (250)

Initial Cost: \$7 per item

Ongoing Costs: Approximately \$350

Notes: Purchased as a like-kind replacement to Defense Technology 12-Gauge Muzzle Bang/Launching Cartridge Round, #1210

AUTHORIZED USE

The above-listed chemical agents and accessories are infrequently used but are highly effective in quelling combative subjects/situations, while mitigating serious injury to the involved parties. Deployments are relegated to POST certified safety members who have completed chemical agents training and are assigned to the Specialized Enforcement Division, the Mobile Field Force Teams, or the Training Division. The SWAT Commander must approve the use of chemical agents.

LIFESPAN

Less lethal munitions have a recommended lifespan of 5 years.

FISCAL IMPACT

Approximately \$13,550

6. FIREARMS

.50 caliber weapons are used, often by the Arson/Bomb Detail or SWAT, as a last resort to disrupt vehicle borne threats toward the public, such as a semi-truck being purposefully driven into a crowd of people, or an armored bulldozer being used to terrorize a community. They are also used to disable barriers, such as thick glass, steel, and unexploded military munitions.



Item: Barrett .50 Caliber M107A1®

Description: The M107A1 is a semi-automatic rifle that is used to disrupt vehicle borne threats by disabling vehicles.

Link: <https://barrett.net/products/firearms/m107a1/>
Quantity: Two (2)
Initial Cost: \$10,000 per item
Ongoing Costs: Approximately \$200



Item: E.D.M. Arms Windrunner M96 .50 Caliber BMG Rifle

Description: The Windrunner .50 Caliber is a semi-automatic rifle that is used to disrupt improvised explosive devices from a long distance.

Link: [Unavailable](#)
Quantity: One (1)
Initial Cost: \$7,003 per item
Ongoing Costs: Approximately \$100



Item: Hornady .50 Caliber 750gr A-MAX® Match™, #8270

Description: The .50 Caliber 750gr A-MAX ammunition is used to disrupt vehicles or penetrate barriers.

Link: <https://www.hornady.com/ammunition/rifle/50-bmg-750-gr-a-max-match#!/>

Quantity: One thousand two hundred fifty (1,250)

Initial Cost: \$7 per item (blended cost)

Ongoing Costs: Approximately \$2,400



Item: Ruag Swiss P .50 Caliber 960gr Armor Piercing Rounds

Description: The .50 Caliber 960gr Armor Piercing Rounds are used to disrupt vehicles or penetrate barriers.

Link: <https://rampartcorp.com/brand/swiss-p/>

Quantity: Ten (10)

Initial Cost: \$5 per item

Ongoing Costs: Approximately \$100

AUTHORIZED USE

The above-listed .50-caliber rifles offer increased precision at long range distances, with the ability to accurately penetrate unconventional barriers in severe critical incidents. The .50-caliber rifles in the Specialized Enforcement Division's inventory are utilized for specialized in-service training and tactical operations. Deployments are relegated to Department members who have completed POST certified training for large caliber/large bore weapon systems.

LIFESPAN

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of firearms. Firearms testing standards from The National Institute of Justice indicate crucial mechanisms on a firearm should have a minimum lifespan of 10 years.

FISCAL IMPACT

Approximately \$2,800

7. DISTRACTION DEVICES

Distraction devices are used to distract and disorient dangerous suspects during deliberate hostage rescues, high-risk building entries, and other dangerous situations. The use of distraction devices is often necessary in circumstances where a danger to life exists, such as during hostage rescues and high-risk building searches, and when other methods of control or apprehension would be more dangerous. Distraction devices produce atmospheric over-pressure and brilliant white light; as a result, they can cause short-term (6–8 seconds) physiological/psychological sensory deprivation.



Item: Combined Systems, Inc. Flash-Bang, Aluminum Body, 9 Bang™, #7290-9

Description: The 9 Bang is a non-bursting, non-fragmenting, multi-bang Light Sound Diversionary Device that produces nine separate audible sounds accompanied by intense bright light. It is ideal for distracting dangerous suspects during room entries or other high-risk arrest situations.

Link:

<https://www.combinedsystems.com/product/7290-9-flash-bang-aluminum-body-9-bang-priced-individually-must-order-in-quantities-of-12/>

Quantity:

Four (4)

Initial Cost:

\$109 per item

Ongoing Costs:

Approximately \$1,000



Item: Combined Systems, Inc. Mini-Bang®, Steel Body, #7290M

Description: The Steel Body Mini-Bang is a non-bursting, non-fragmenting, multi-bang Light Sound Diversionary Device that produces a single audible sound accompanied by intense bright light. It is ideal for distracting dangerous suspects during room entries or other high-risk arrest situations.

Link:

<https://www.combinedsystems.com/product/7290m-mini-bang-steel-body-priced-individually-must-order-in-quantities-of-12/>

Quantity:

Eight (8)

Initial Cost:

\$34 per item

Ongoing Costs:

Approximately \$5,300

AUTHORIZED USE

The above-listed Light Sound Diversionary Devices are used for a variety of tasks that would protect responding personnel and members of the public during dangerous tactical operations and calls for service for barricaded suspects, high-risk search warrants, and hostage rescues. Deployments are relegated to operators who received training and qualification, to include 120-hour POST Certified SWAT School. The onsite supervisor will approve the use of a Light Sound Diversionary Device.

LIFESPAN

All distraction devices have an estimated lifespan of approximately 5 years.

FISCAL IMPACT

Approximately \$6,300

8. **ARMORED RESCUE VEHICLES**

Armored rescue vehicles are all-terrain vehicles with exterior armor capable of protecting safety members while conducting rescue operations, SWAT operations, and high-risk search warrants. These armored rescue vehicles are used to prevent higher levels of force during insertion and extraction operation deployments. Armored rescue vehicle deployment is often necessary in circumstances where a danger to life exists, such as during hostage rescues and high-risk search warrants, and where other methods of transport would be ineffective or more dangerous.



Item: 2004 Lenco Ballistic Engineered Armored Response Counterattack Truck (BEARCAT)

Description: The Lenco BEARCAT is a small, armored rescue vehicle capable of protecting approximately eight people while conducting rescue operations, SWAT operations, and high-risk search warrants.

Link: <https://www.lencoarmor.com/police-government/>
Quantity: One (1)
Initial Cost: \$143,286 per item
Ongoing Costs: Approximately \$3,500



Item: 2006 Lenco Ballistic Engineered Armored Response Counterattack Truck (BEARCAT)

Description: The Lenco BEARCAT is a small, armored rescue vehicle capable of protecting approximately eight people while conducting rescue operations, SWAT operations, and high-risk search warrants.

Link: <https://www.lencoarmor.com/police-government/>
Quantity: One (1)
Initial Cost: \$203,352 per item
Ongoing Costs: Approximately \$38,300
Notes: Ongoing costs for the upcoming year include replacement of the motor at an estimated cost of \$30,000



Item: 2006 Lenco Ballistic Engineered Armored Response Vehicle (BEAR)

Description: The Lenco Armored Response Vehicle is a large, armored rescue vehicle capable of protecting approximately 12 people while conducting rescue operations, SWAT operations, and high-risk search warrants.

Link: <https://www.lencoarmor.com/police-government/>
Quantity: One (1)
Initial Cost: \$279,955 per item
Ongoing Costs: Approximately \$2,800



Item: 1980 Cadillac Gage Ranger (Peacekeeper) Armored Personnel Carrier

Description: The 1980 Chrysler Peacekeepers are small, armored rescue vehicles capable of protecting approximately five people while conducting rescue operations. These vehicles are staged in remote areas of the County to enable deputies to respond to emergency situations that necessitate mobile cover for rescue and active shooter operations. These vehicles were obtained from the United States Defense Logistics Agency/California Office of Emergency Services Law Enforcement Support Office (LESO) Program.

Link: [Unavailable](#)
Quantity: Two (2)
Initial Cost: \$0
Ongoing Costs: None



Item: 2021 G3 Lenco Ballistic Engineered Armored Response Counterattack Truck (BEARCAT)

Description: The G3 Lenco BEARCAT is a 4-wheel drive, offroad capable, small, armored rescue vehicle. It can protect approximately eight people while conducting rescue operations, SWAT operations, and high-risk search warrants.

Link:	https://www.lencoarmor.com/police-government/
Quantity:	One (1)
Initial Cost:	\$356,000 (funding source: General Funds; see Agenda Item # 64 from 01-25-2022 Board of Supervisors meeting)
Ongoing Costs:	Approximately \$5,600

AUTHORIZED USE

The above-listed armored rescue vehicles are used for safe transport of personnel to critical incidents such as barricaded subjects, high-risk search warrants, and hostage rescues, and are deployed to transport civilians in rescue operations. Deployments are relegated to SWAT members of the Specialized Enforcement Division and the Perimeter Containment Team who have a current and appropriate driver's license.

LIFESPAN

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of armored rescue vehicles, but the equipment has an estimated lifespan of approximately 15 years.

FISCAL IMPACT

Approximately \$50,200

9. TRACKED ARMORED VEHICLES

The Tactical Tractor is a small tracked commercial skid steer tractor with exterior armor capable of protecting the driver. The Tactical Tractor is equipped with an arm and claw attachment that allows the operator to breach doors and windows and to move obstacles reducing the risk of injury to SWAT operators, the *public* and suspect. The Tactical Tractor can also be utilized to deploy chemical agents in a safe and effective manner reducing the risk of injury and property damage. The use of the Tactical Tractor during high-risk search warrant service, barricaded suspect response and in circumstances where breaching and chemical agent deployments are necessary has been shown to reduce risks for all involved.



Item: Caterpillar/EZSPOTR Tactical Tractor

Description: Armored tactical tractor used to port doors and windows, remove heavy objects, and provide mobile cover during tactical operations.

Link:	https://ezspotur.com/prod_tactical.php
Quantity:	One (1)
Initial Cost:	\$82,945 per item
Ongoing Costs:	Approximately \$1,000

AUTHORIZED USE

The Tactical Tractor is used for breaching operations, obstacle removal, chemical agent deployment and to protect the occupant and those around the vehicle. Deployments are relegated to members of the Specialized Enforcement Division who have been trained to operate the Tactical Tractor.

LIFESPAN

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of armored rescue vehicles, but the equipment has an estimated lifespan of approximately 15 years.

FISCAL IMPACT

Approximately \$1,000

10. **MOBILE COMMAND POST**

The mobile command post is a large vehicle used to house specialty equipment and create an area in which the SWAT Commander and supervisors can plan and coordinate tactical operations.



Item: 2014 KME/Kovatch PREDATOR 100' S2D Command Vehicle

Description: The KME/Kovatch is a tactical command post used to house equipment, working areas, and tactical dispatchers, and to provide a mobile area for command personnel to conduct operations.

Link:	https://kmefire.com/product-category/predator
Quantity:	One (1)
Initial Cost:	\$623,485
Ongoing Costs:	Approximately \$4,000

AUTHORIZED USE

The above-listed command post vehicles are used for tactical planning, coordinating evacuations, and in circumstances where crisis negotiators and tactical dispatchers need to communicate with responding personnel during critical incidents. Deployments are relegated to SWAT members of the Specialized Enforcement Division and the Perimeter Containment Team who have current Class A or B driver licenses.

LIFESPAN

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of command post vehicles, but the equipment has an estimated lifespan of approximately 15 years.

FISCAL IMPACT

Approximately \$4,000

B. PERSONNEL/EMERGENCY SERVICES BUREAU

The Sheriff's Personnel/Emergency Services Bureau assigns and tracks all Department-owned armament and safety equipment. It is also responsible for maintaining surplus and/or replacement armament in its inventory. Armament includes large bore rifles, small caliber rifles, and pistols, in select fire and semi-automatic variants. The following firearms are in the Personnel/Emergency Services Bureau's inventory and excludes those issued to the Specialized Enforcement Division.

1. **.50 CALIBER RIFLES**

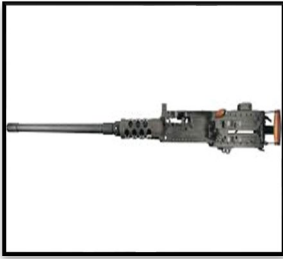
Though inventoried for vehicle borne threats, these firearms are maintained in the Personnel/Emergency Services Bureau's inventory and generally serve as training aids to ensure safety members are aware of potential firearms they may locate in the field. Additionally, there is a crucial need for staff to understand the functionality and capabilities of these firearms for instructional purposes and judicial proceedings.



Item: Browning .50 Caliber M2 Machine Gun

Description: The Browning .50 Caliber M2 is an automatic rifle that is designed to disrupt vehicle borne threats by disabling key mechanical components. This rifle is used to train Department armorers and attendees of related training.

Link:	https://nihonkoku-shoukan.fandom.com/wiki/M2_Browning_12.7 mm Heavy Machine Gun
Quantity:	One (1)
Initial Cost:	\$0 (Acquired via court order)
Ongoing Costs:	Approximately \$100



Item: TNW Firearms .50 Caliber M2 Rifle

Description: The TNW Firearms .50 Caliber M2 is a semi-automatic rifle that is designed to disrupt vehicle borne threats by disabling key mechanical components. This rifle is used to train Department armorers and attendees of related training.

Link: <https://www.rockislandauction.com/detail/83/498/tnw-m2-heavy-barrel-semiautomatic-50-bmg-rifle>

Quantity: One (1)

Initial Cost: \$9,200 per item

Ongoing Costs: Approximately \$100



Item: Barrett .50 Caliber M82A1 Rifle

Description: The M82A1 is a semi-automatic rifle that is designed to disrupt vehicle borne threats by disabling key mechanical components. This rifle is used to train Department armorers and attendees of related training and is held in reserve for the Specialized Enforcement Division's needs.

Link: <https://barrett.net/products/firearms/model-82a1/>

Quantity: One (1)

Initial Cost: \$10,200 per item

Ongoing Costs: Approximately \$100

AUTHORIZED USE

The above-listed semi-automatic and automatic .50 caliber rifles offer increased precision at long range distances, with the ability to accurately penetrate unconventional barriers in severe critical incidents. The Specialized Enforcement Division generally utilizes these rifles for mission-specific situations. The .50 caliber rifles in the Personnel/Emergency Services Bureau's inventory are utilized for specialized in-service training, judicial purposes, or public demonstrations, but they are functionally sound if warranted for field use. Deployments are relegated to Department members who have completed POST certified training for large caliber/large bore weapon systems, and/or POST certified firearms instructors.

LIFESPAN

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of firearms. Firearms testing standards from The National Institute of Justice indicate crucial mechanisms on a firearm should have a minimum lifespan of 10 years.

FISCAL IMPACT

Approximately \$300

2. **SELECT-FIRE AND SEMI-AUTOMATIC .308 – CALIBER/7.62MM RIFLES**

These firearms generally serve as training aids to ensure safety members are aware of comparable firearms they may locate or encounter in the field. Additionally, there is a crucial need for staff to understand the functions and capabilities of these firearms for instructional purposes, instructor certification, and judicial proceedings.



Item: Heckler & Koch HK91 Rifle

Description: The HK91, chambered in 7.62 x 51mm, is a semi-automatic rifle designed to address longer range engagements with a heavier round than traditional small arms rifles. This rifle is used to train Department armorers and attendees of related training.

Link:	Unavailable
Quantity:	Five (5)
Initial Cost:	\$0 (Acquired via court order)
Ongoing Costs:	None
Notes:	Scheduled for destruction in April of 2024



Item: Norinco AK-47 Style Rifle

Description: The Norinco AK-47 Style Rifle, chambered in 7.62 x 39mm, is a semi-automatic rifle designed to address longer range engagements with a heavier round than traditional small arms rifles. This rifle is used to train Department armorers and attendees of related training.

Link:

[Unavailable](#)

Quantity:

Two (2)

Initial Cost:

\$0 (Acquired via court order)

Ongoing Costs:

Approximately \$100

Notes:

One of the two is scheduled for destruction in April of 2024



Item: Armalite AR-10® Rifle

Description: The Armalite AR-10, chambered in 7.62 x 39mm, is a semi-automatic rifle designed to address longer range engagements with a heavier round than traditional small arms rifles. This rifle is used to train Department armorers and attendees of related training.

Link:

[Unavailable](#)

Quantity:

One (1)

Initial Cost:

\$1,800

Ongoing Costs:

Approximately \$100

**Item: Australian L1A1 Rifle**

Description: The L1A1, chambered in 7.62 x 51mm, is a semi-automatic rifle designed to address longer range engagements with a heavier round than traditional small arms rifles. This rifle is used to train Department armorers and attendees of related training.

Link: [Unavailable](#)
Quantity: One (1)
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: None
Notes: Scheduled for destruction in April of 2024

**Item: Federal Arms FA91 Rifle**

Description: The FA91, chambered in .308 caliber, is a semi-automatic rifle designed to address longer range engagements with a heavier round than traditional small arms rifles. This rifle is used to train Department armorers and attendees of related training.

Link: [Unavailable](#)
Quantity: One (1)
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: None
Notes: Scheduled for destruction in April of 2024



Item: Mitchell Arms M90 Rifle

Description: The Mitchell Arms M90, chambered in 7.62 x 51mm, is a semi- automatic rifle designed to address longer range engagements with a heavier round than traditional small arms rifles. This rifle is used to train Department armorers and attendees of related training.

Link: [Unavailable](#)
Quantity: One (1)
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: None
Notes: Scheduled for destruction in April of 2024



Item: Colt R6830 Rifle

Description: The R6830, chambered in 7.62 x 39mm, is a semi-automatic rifle designed to address longer range engagements with a heavier round than traditional small arms rifles. This rifle is used to train Department armorers and attendees of related training.

Link: [Unavailable](#)
Quantity: One (1)
Initial Cost: \$2,000 per item
Ongoing Costs: Approximately \$100

AUTHORIZED USE

The above-listed select fire and semi-automatic .308 caliber/7.62mm rifles offer increased accuracy at long range distances and are historical industry standard rifles that were utilized for mission-specific operations and are generally not issued to specialized units or divisions. Those in the Personnel/Emergency Services Bureau's inventory are utilized for in-service training, judicial purposes, or public demonstrations, but they are functionally sound if warranted for field use. Deployments are relegated to Department members who have completed POST certified select fire or long barrel/short barrel rifle training, and/or POST certified firearms instructors.

LIFESPAN

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of firearms. Firearms testing standards from The National Institute of Justice indicate crucial mechanisms on a firearm should have a minimum lifespan of 10 years.

FISCAL IMPACT

Approximately \$300

3. **SELECT-FIRE AND SEMI-AUTOMATIC 5.56mm/.223 – CALIBER**

These firearms generally serve as training aids to ensure safety members are aware of equivalent firearms they may locate or encounter in the field. Additionally, there is a crucial need for staff to understand the functions and capabilities of these firearms for instructional purposes, instructor certification, and judicial proceedings.



Item: FN Herstal FNC Sporter Rifle

Description: The FNC Sporter, chambered in 5.56 x 45mm, is a semi-automatic rifle that is designed for short to medium range engagements. This rifle is used to train Department armors and attendees of related training.

Link:	Unavailable
Quantity:	One (1)
Initial Cost:	\$0 (Acquired via court order)
Ongoing Costs:	Approximately \$50



Item: Heckler & Koch G36 Rifle

Description: The G36, chambered in 5.56 x 45mm, is a semi-automatic rifle that is designed for short to medium range engagements. This rifle is used to train Department armorers and attendees of related training.

Link: [Unavailable](#)
Quantity: Two (2)
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: None
Notes: Scheduled for destruction in April of 2024



Item: Heckler & Koch HK416D Rifle

Description: The HK416D, chambered in 5.56 x 45mm, is a select fire rifle capable of cyclic intervals that is designed for short to medium range engagements. This rifle is used to train Department armorers and attendees of related training.

Link: [Unavailable](#)
Quantity: Two (2)
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: Approximately \$100



Item: Steyr AUG-P Bullpup Rifle

Description: The AUG-P Bullpup, chambered in 5.56 x 45mm, is a semi-automatic bullpup rifle that is designed for short to medium range engagements. This rifle is used to train Department armorers and attendees of related training.

Link:

[Unavailable](#)

Quantity:

One (1)

Initial Cost:

\$0 (Acquired via court order)

Ongoing Costs:

None

Notes:

Scheduled for destruction in April of 2024



Item: Valmet M76 Rifle

Description: The Valmet M76, chambered in .223 caliber, is a semi-automatic rifle that is designed for short to medium range engagements. This rifle is used to train Department armorers and attendees of related training.

Link:

[Unavailable](#)

Quantity:

Two (2)

Initial Cost:

\$0 (Acquired via court order)

Ongoing Costs:

None

Notes:

Scheduled for destruction in April of 2024



Item: Armalite AR180 Rifle

Description: The Armalite AR180, chambered in 5.56 x 45mm, is a semi-automatic rifle that is designed for short to medium range engagements. This rifle is used to train Department armorers and attendees of related training.

Link: [Unavailable](#)
Quantity: One (1)
Initial Cost: \$2,000
Ongoing Costs: None
Notes: Scheduled for destruction in April of 2024



Item: Daewoo DR200 Rifle

Description: The DR200 is a semi-automatic .223 caliber rifle that is designed for short to medium range engagements. This rifle is used to train Department armorers and attendees of related training.

Link: [Unavailable](#)
Quantity: One (1)
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: None
Notes: Scheduled for destruction in April of 2024



Item: Olympic Arms CAR-AR Rifle

Description: The CAR-AR is a semi-automatic 5.56 x 45mm rifle that is designed for short to medium range engagements. This rifle is used to train Department armorers and attendees of related training.

Link: [Unavailable](#)
Quantity: One (1)
Initial Cost: \$1,200
Ongoing Costs: None
Notes: Scheduled for destruction in April of 2024



Item: Heckler & Koch HK93 Rifle

Description: The HK93 Rifle, chambered in .223 caliber, is a semi-automatic rifle that is designed for short to medium range engagements. This rifle is used to train Department armorers and attendees of related training.

Link: [Unavailable](#)
Quantity: One (1)
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: None
Notes: Scheduled for destruction in April of 2024

AUTHORIZED USE

A majority of the above-listed select fire and semi-automatic 5.56mm/.223 caliber rifles are considered industry standard amongst a high percentage of law enforcement agencies and offer superb accuracy at short to medium range distances. Those in the Personnel/Emergency Services Bureau's inventory are utilized for in-service training, judicial purposes, and public demonstrations, and hold significant historical value. They are functionally sound if warranted for field use. Deployments are relegated to Department members who have completed POST certified select fire or long barrel/short barrel rifle training, trainees who are garnering POST certification and/or POST certified firearms instructors.

LIFESPAN

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of firearms. Firearms testing standards from The National Institute of Justice indicate crucial mechanisms on a firearm should have a minimum lifespan of 10 years.

FISCAL IMPACT

Approximately \$150

4. **SUBMACHINE GUNS**

These firearms generally serve as training aids to ensure safety members are aware of similar firearms they may locate or encounter in the field. Additionally, there is a crucial need for staff to understand the functions and capabilities of these firearms for instructional purposes, instructor certification, and judicial proceedings.



Item: Auto Ordnance Thompson Variant Submachine Gun

Description: The Thompson Variant Submachine Gun, chambered in .45 caliber, is a select fire pistol submachine gun that is designed for short range engagements. This firearm is used to train Department armorers and attendees of related training.

Link:	Unavailable
Quantity:	Four (4)
Initial Cost:	\$0 (Acquired via court order)
Ongoing Costs:	Approximately \$200



Item: Auto Ordnance 1927A1

Description: The 1927A1 is a .45 caliber semi-automatic carbine that is designed for short range engagements. This firearm is used to train Department armorers and attendees of related training.

Link: [Unavailable](#)
Quantity: One (1)
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: None
Notes: [Scheduled for destruction in April of 2024](#)



Item: IMI-UZI Model-B

Description: The IMI-UZI Model-B, chambered in 9mm, is a semi-automatic pistol that is designed for short range engagements. This firearm is used to train Department armorers and attendees of related training.

Link: [Unavailable](#)
Quantity: Two (2)
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: None
Notes: [Scheduled for destruction in April of 2024](#)



Item: Ingram MAC-11

Description: The MAC-11, chambered in .380 caliber, is a select fire pistol submachine gun that is designed for close range engagements. This firearm is used to train Department armorers and attendees of related training.

Link: [Unavailable](#)
Quantity: Three (3)
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: None
Notes: Scheduled for destruction in April of 2024



Item: Irma MP40 Submachine Gun

Description: The MP40 Submachine Gun, chambered in 9mm, is a select fire pistol submachine gun that is designed for close range engagements. This firearm is used to train Department armorers and attendees of related training.

Link: [Unavailable](#)
Quantity: Two (2)
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: None
Notes: Scheduled for destruction in April of 2024



Item: Harrington & Richardson M50 Reising Submachine Gun

Description: The M50 Reising Submachine Gun is a .45 caliber select fire pistol carbine submachine gun that is designed for close range engagements. This firearm is used to train Department armorers and attendees of related training.

Link: [Unavailable](#)
Quantity: Two (2)
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: None
Notes: Scheduled for destruction in April of 2024



Item: Russian PPSH-41 Submachine Gun

Description: The PPSH-41, chambered in 7.62 x 25mm, is a select fire pistol carbine submachine gun that is designed for close range engagements. This firearm is used to train Department armorers and attendees of related training.

Link: [Unavailable](#)
Quantity: One (1)
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: None
Notes: Scheduled for destruction in April of 2024



Item: Kulsprutepistol M45/Swedish-K Submachine Gun

Description: The M45/Swedish-K is a 9mm select fire pistol submachine gun that is designed for close range engagements. This firearm is used to train Department armorers and attendees of related training.

Link: [Unavailable](#)
Quantity: One (1)
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: None
Notes: Scheduled for destruction in April of 2024



Item: Enfield STEN-MKV Submachine Gun

Description: The STEN-MKV is a 9mm select fire pistol caliber carbine submachine gun that is designed for close range engagements. This firearm is used to train Department armorers and attendees of related training.

Link: [Unavailable](#)
Quantity: One (1)
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: None
Notes: Scheduled for destruction in April of 2024

**Item: Russian AK-47 Style Rifle**

Description: The Russian AK-47 Style Rifle, chambered in 7.62 x 39mm, is a select-fire rifle capable of cyclic intervals that is used to address longer range engagements with a heavier round than traditional small arms rifles. This rifle is used to train Department armorers and attendees of related training.

Link:

[Unavailable](#)

Quantity:

One (1)

Initial Cost:

\$0 (Acquired via court order)

Ongoing Costs:

Approximately \$50

**Item: Guide Lamp M3 Submachine Gun**

Description: The Guide Lamp M3 is a select fire .45 caliber pistol submachine gun that is designed for use in close range engagements. This firearm is used to train Department armorers and attendees of related training.

Link:

[Unavailable](#)

Quantity:

One (1)

Initial Cost:

\$0 (Acquired via court order)

Ongoing Costs:

None

Notes:

Scheduled for destruction in April of 2024

AUTHORIZED USE

Though rarely fired, the above-listed select fire and semi-automatic pistol caliber firearms are generally utilized for in-service training, judicial purposes, and public demonstrations, and they hold significant historical value. Several have been extensively modified for specified use regarding sim-fire, force on force training scenarios. Deployments are relegated to Department members who are POST certified firearms instructors.

LIFESPAN

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of firearms. Firearms testing standards from The National Institute of Justice indicate crucial mechanisms on a firearm should have a minimum lifespan of 10 years.

FISCAL IMPACT

Approximately \$250

5. **LESS-LETHAL WEAPONS/MUNITIONS**

Less lethal weapons and munitions, such as those made of soft foam rubber, are used to minimize injury to suspects and safety members, and are deployed as a means of force to stop threatening subjects from harming others, such as during hostage rescues and high-risk building searches, when other tools would be ineffective or more dangerous. They are also used as breaching tools. Less lethal weapons/munitions are necessary at the Personnel/Emergency Services Bureau regarding annual instructor certification for those in the Training Division who facilitate initial and refresher topical training.



Item: Pepperball® FTC™ Pneumatic Launcher

Description: The FTC Pneumatic Launcher deploys .68 caliber less lethal irritant projectiles reliably and accurately with a flexible air source configuration, up to 150 feet. This less-lethal munition launcher is used to train Department armorers and attendees of related training.

Link: <https://pepperball.com/launchers/ftc-1/>
Quantity: One (1)
Initial Cost: \$600 per item
Ongoing Costs: Approximately \$50



Item: Tippmann SA200 Pneumatic Launcher

Description: The SA200 Pneumatic Launcher deploys .68 caliber less lethal irritant projectiles reliably and accurately with a flexible air source configuration, up to 150 feet. This less-lethal munition launcher is used to train Department armorers and attendees of related training.

Link: <https://www.pbpartsdepot.com/sa200kits.html>
Quantity: Five (5)
Initial Cost: \$140 per item
Ongoing Costs: Approximately \$250



Item: Tippmann FT12L Pneumatic Launcher

Description: The FT12L Pneumatic Launcher deploys .68 caliber less lethal irritant projectiles reliably and accurately with a flexible air source configuration, up to 150 feet.

Link: <https://www.pbsports.com/products/tippmann-ft-12-paintball-gun>

Quantity: Thirty-three (33)

Initial Cost: \$259 per item

Ongoing Costs: Approximately \$1,650



Item: Remington 870 12-Gauge Stun-Bag Shotgun

Description: The Stun-Bag shotgun uses a less lethal “bean bag” round that is designed to be launched from a distinctively marked conventional shotgun.

Link: <https://www.remarms.com/shotguns/pump-action/model-870/>

Quantity: Six hundred thirty seven (637)

Initial Cost: \$670 per item

Ongoing Costs: Approximately \$31,850

Notes: 51 stun-bag shotguns added to inventory at \$0 cost reflects 51 made from previously owned, reconditioned Remington 870 12-gauge shotguns. The Department plans to convert an additional 25 Remington 870 12-gauge shotguns into stun-bag shotguns in 2024 at \$0 cost to the Department.



Item: Defense Technology® 40mm Tactical 4-shot Launcher

Description: The 40mm 4-shot Launcher is a launcher that features an expandable gun stock and an adjustable grip with light rail. It fires standard 40mm less-lethal rounds up to 131 feet.

Link:

<https://www.defense-technology.com/product-category/4shot/>

Quantity:

Forty-seven (47)

Initial Cost:

\$847 per item

Ongoing Costs:

Approximately \$2,750

Notes:

47 items from the 2022 report were inadvertently omitted from the 2023 report and are repopulated here.



Item: Defense Technology 40mm Exact Impact Sponge, #6325

Description: The Exact Impact Sponge is a less lethal, 40mm light weight plastic and foam projectile deployed from a single or multi-launcher with a rifled barrel at 325 feet per second. The 30-gram foam projectile delivers 120 feet-pounds of energy on impact. The round provides accurate and effective performance when fired from the approved distance of not less than five feet and as far as 131 feet from the target.

Link:

<https://www.defense-technology.com/product/exact-impact-40-mm-standard-range-sponge-round/>

Quantity:

Four thousand five hundred nineteen (4,519)

Initial Cost:

\$21 per item

Ongoing Costs:

None



Item: Defense Technology Direct Impact® 40mm CS Crushable Foam Round, #6322

Description: The 40mm Direct Impact® munition is a point-of-aim, point-of-impact direct-fire round that can be used for incapacitation or crowd control. When loaded with CS powder, it combines direct impact with the effects of an irritant powder.

Link:

<https://www.defense-technology.com/product/direct-impact-40mm-cs-crushable-foam-round/>

Quantity:

Forty (40)

Initial Cost:

\$19 per item

Ongoing Costs:

Approximately \$1,850

Notes:

Purchased as a like-kind replacement to Defense Technology 40mm Exact Impact Sponge, #6325



Item: Defense Technology Direct Impact® 40mm OC Crushable Foam Round, #6320

Description: The 40mm Direct Impact® munition is a point-of-aim, point-of-impact direct-fire round that can be used for incapacitation or crowd control. When loaded with OC powder, it combines direct impact with the effects of an irritant powder.

Link:

<https://www.defense-technology.com/product/direct-impact-40-mm-oc-crushable-foam-round/>

Quantity:

Forty (40)

Initial Cost:

\$19 per item

Ongoing Costs:

Approximately \$1,850

Notes:

Purchased as a like-kind replacement to Defense Technology 40mm Exact Impact Sponge, #6325



Item: Defense Technology 12-Gauge Drag Stabilized Round

Description: The 12-Gauge Drag Stabilized Round is comprised of a translucent 12-gauge shell loaded with a 40 gram, tear shaped bag made from a cotton and ballistic material blend and filled with #9 shot. This design utilizes four stabilizing tails. The round utilizes smokeless powder as the propellant.

Link: <https://www.defense-technology.com/product/drag-stabilized-12-gauge-bean-bag-round/>

Quantity: Two thousand one hundred ten (2,110)

Initial Cost: \$5 per item

Ongoing Costs: None



Item: Duke Defense USA OC2 Projectiles

Description: Each .68 caliber frangible OC2 projectile, when deployed from a pneumatic launcher, delivers an approximate 3-gram powdered irritant of pepper (OC) and incapacitant (PAVA) sprays upon contact.

Link: <https://www.dukedefence.com/product/duke-standard-irritant-projectiles/>

Quantity: Five thousand four hundred twenty-five (5,425)

Initial Cost: \$2.11 per item

Ongoing Costs: Approximately \$10,000



Item: Defense Technology 12-Gauge Fin Stabilized Round

Description: The 12-Gauge Fin Stabilized Round is a translucent 12-gauge shell loaded with a 5.8 gram finned rubber sabot that utilizes smokeless powder as the propellant. It is generally considered a low-to-medium pain compliance round for close range deployment, and often used for crowd routing. It has a velocity of 500 feet per second and is most suitable for moderate ranges with a maximum effective range of approximately 35 feet.

Link:	https://www.defense-technology.com/product/fin-stabilized-12-gauge-round/
Quantity:	Two hundred seventy-five (275)
Initial Cost:	\$5.45 per item
Ongoing Costs:	None

AUTHORIZED USE

The above-listed stun-bag rounds, 40mm launchers, and pneumatic launchers are issued to specialized teams/units, patrol, and corrections operations. They have been highly effective in disarming violent suspects, armed suspects, and suicidal subjects with minimal risk to subjects, safety members, and the public. All safety members receive POST certified training regarding the deployment of these less lethal weapons during their Basic Academy training and annually. Those in the Personnel/Emergency Services Bureau's inventory are utilized for in-service training, judicial purposes, public demonstrations, and for issuance to stations/divisions.

LIFESPAN

Less lethal munitions have a recommended lifespan of 5 years. Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of firearms, pneumatic launchers, and less lethal launchers. Firearms testing standards from The National Institute of Justice indicate crucial mechanisms on a firearm should have a minimum lifespan of 10 years. If thoroughly maintained, pneumatic launchers should have a 4–6-year lifespan.

FISCAL IMPACT

Approximately \$50,250

6. **CHEMICAL AGENTS**

Chemical agents, such as pepper spray (OC) and tear gas (CS), are used in volatile situations, such as a riot, where a danger to life and/or property exists. They can be used by law enforcement to bring an incident under control where other methods would be ineffective or more dangerous, minimizing the risk of injury to suspects, safety members, and others, and avoiding property damage. Chemical agents are necessary at the Personnel/Emergency Services Bureau regarding annual instructor certification for those safety members assigned to the Training Division who facilitate initial and refresher topical training.



Item: Defense Technology Spede-Heat™ Continuous Discharge Chemical Grenade, CS, #1072

Description This Spede-Heat Grenade is a high volume, continuous burning launchable grenade that expels approximately 2.9 oz. of tear gas in approximately 20-40 seconds through eight ports on the canister.

Link: <https://www.defense-technology.com/product/spede-heat-continuous-discharge-chemical-grenade-cs/>

Quantity: Thirty (30)

Initial Cost: \$38 per item

Ongoing Costs: Approximately \$2,400

Purchased as a like-kind replacement to Defense Technology Pocket Tactical Grenade, CS, #1016

AUTHORIZED USE

The above-listed chemical agent is infrequently used but is highly effective in quelling combative subjects/situations, while mitigating serious injury to the involved parties. Deployments are relegated to POST certified safety members who have completed chemical agents training and are assigned to the Specialized Enforcement Division, the Mobile Field Force Teams, or the Training Division.

LIFESPAN

Chemical agent devices have a recommended lifespan of 5 years.

FISCAL IMPACT

Approximately \$2,400

7. DISTRACTION DEVICES

Stinger grenades are distraction devices that are used in volatile situations, such as a riot, where a danger to life and/or property exists. They can be used by law enforcement to bring an incident under control where other methods would be ineffective or more dangerous, minimizing the risk of injury to suspects, safety members, and others, and avoiding property damage. Stinger grenades are necessary at the Personnel/Emergency Services Bureau regarding annual instructor certification for those safety members assigned to the Training Division who facilitate initial and refresher topical training.



Item: Defense Technology Stinger® .32 Caliber Rubber Balls, #1090

Description: The Stinger Rubber Ball Grenade is a maximum effect device that delivers three stimuli for psychological and physiological effects: rubber pellets, light, and sound. It is most widely used as a crowd management tool by law enforcement and corrections personnel. The grenade has an initial 1.5 second delay that initiates fuze assembly separation, followed by another .5 second delay before the blast, which is sufficient to project the rubber balls in a 50-foot radius.

Link:

<https://www.defense-technology.com/product/stinger-32-caliber-rubber-ball-grenade/>

Quantity:

One hundred two (102)

Initial Cost:

\$52 per item (blended cost)

Ongoing Costs:

None



Item: Defense Technology Rubber Ball Blast with Safety Clip, Inert, #1098SC

Description: The Inert Rubber Blast Ball Grenade with Safety Clip is effective in both training and custodial and crowd management situations. It simulates the dispersion of a Blast Ball but without the actual chemical exposure.

Link: <https://www.defense-technology.com/product/rubber-ball-blast-w-safety-clip-inert/>

Quantity: Thirty (30)

Initial Cost: \$40 per item

Ongoing Costs: Approximately \$3,000

Notes: Purchased as a like-kind item to Combined Systems, Inc. Mini-Bang®, Steel Body, #7290M



Item: Defense Technology Stinger Rubber Ball Grenade, OC, #1089

Description: The Rubber Ball Grenade is a maximum effect device that delivers four stimuli for psychological and physiological effects: rubber pellets, light, sound, and pepper spray (OC). It is most widely used as a crowd management tool by law enforcement and corrections personnel. The grenade has an initial 1.5 second delay that initiates fuse assembly separation, followed by another .5 second delay before the blast, which is sufficient to project the rubber balls in a 50-foot radius.

Link: <https://www.defense-technology.com/product/stinger-rubber-ball-grenade-oc/>

Quantity: One hundred twenty-two (122)

Initial Cost: \$54 per item (blended cost)

Ongoing Costs: None



Item: Defense Technology Han-Ball™ Grendae, CS, #1092

Description: The Han-Ball™ CS Grenade is for outdoor use. It expels CS in approximately 15-20 seconds. This launchable grenade holds approximately 1.6 oz. of active agent that is expelled through three ports around the equator of the ball.

Link:	https://www.defense-technology.com/product/han-ball-grenade-cs/
Quantity:	Thirty (30)
Initial Cost:	\$34 per item
Ongoing Costs:	Approximately \$3,000
Notes:	Purchased as a like-kind replacement to Defense Technology Stinger Rubber Ball Grenade, OC, #1089

AUTHORIZED USE

The above-listed distraction devices are utilized for in-service training, judicial purposes, and for issuance to the Detentions and Corrections Bureau. All Department safety members receive POST certified training to utilize these devices in the Basic Academy and annually. Deployed infrequently in a tactical setting, they are highly effective in quelling combative subjects/situations, while mitigating serious injury to the involved parties.

LIFESPAN

Distraction devices have a recommended lifespan of 5 years.

FISCAL IMPACT

Approximately \$6,000

C. EMERGENCY OPERATIONS DIVISION AVIATION UNIT

The Aviation Unit is the lead aerial law enforcement agency for the County. Sheriff's Aviation provides general law enforcement support, narcotics surveillance, personnel/cargo transport, airborne photography, search and rescue operations, wild land fire suppression, and emergency medical transport services.

1. AIRCRAFT

Because San Bernardino County spans over 20,000 square miles, its aircraft are used to transport County personnel, perform hundreds of search and rescue missions, and provide medical attention to the remote areas of the County.



Item: Bell UH-1H Helicopter

Description: The UH-1H is a medium lift helicopter that is primarily used for air rescue operations, medical transports, marijuana eradication, deployment and extraction of SWAT personnel, aerial firefighting, and public static displays. These aircraft have been "civilianized" and were obtained through the California Office of Emergency Services (Cal-OES) Law Enforcement Support Office (LESO) DRMO/1033 military surplus program.

Link:

[Unavailable](#)

Quantity:

Two (2)

Initial Cost:

\$0

Ongoing Costs:

While the exact annual maintenance cost varies based on replacement part needs, the operating costs are approximately \$3,213/hour, and \$530,466.30/year



Item: Beechcraft, King Air C-12 A/C Airplane

Description: The King Air is a seven passenger plus two crew, twin engine, turbo propeller airplane used for extraditions, transportation of Department personnel conducting criminal investigations, and transportation of Department and County personnel conducting facility inspections and attending governmental meetings in and out of the County. These aircraft have been "civilianized" and were obtained through the California Office of Emergency Services (Cal-OES) Law Enforcement Support Office (LESO) DRMO/1033 military surplus program.

Link:

[Unavailable](#)

Quantity:

Two (2)

Initial Cost:

\$0

Ongoing Costs:

While the exact annual maintenance cost varies based on replacement part needs, the operating costs are approximately \$2,059/hour, and \$208,988.50/year

AUTHORIZED USE

The above-listed aircraft are used for purposes including general law enforcement support, narcotics surveillance, personnel/cargo transport, airborne photography, search and rescue operations, wild land fire suppression, and emergency medical transport services, and facility inspections. The aircraft are piloted by Federal Aviation Administration (FAA) certificated personnel by aircraft type and rating. Supervisorial approval from the Emergency Operations Division is necessary prior to the scheduling of flights pertaining to these aircraft.

LIFESPAN

The lifespan of Departmental aircraft varies. The two helicopters listed above are 1969 (FAA Registration Number N308SB) and 1971 (FAA Registration Number N306SB) airframe models. The two fixed wing airplanes are 1975 (FAA Registration Number N214SB) and 1976 (FAA Registration Number N40SB) airframe models. While the age of the listed aircraft seems older, the components used to fly them are current and within FAA standards.

FISCAL IMPACT

The exact annual maintenance cost varies based on replacement part needs. Approximately \$739,454.80

D. SPECIALIZED INVESTIGATIONS DIVISION

The Specialized Investigations Division is comprised of the Homicide Detail, Crimes Against Children Detail and the Polygraph Detail. These details investigate a variety of major crimes including homicides, suspicious deaths, in-custody deaths, officer-involved shootings, child pornography, child abuse, and various other crimes against children. Personnel assigned to the division are highly skilled and experienced investigators who use the latest technology to investigate and solve cases. Local law enforcement agencies can request investigators and Department resources to investigate officer-involved shootings or major crimes.

1. **MOBILE COMMAND POST**

Command posts are built to better assist in command and control during law enforcement operations, natural disasters, and other public safety events. These vehicles are designed with additional communication abilities, computers, whiteboards, lighting, generators, and mission critical supplies.



Item: 2016 Eagle Mobile Command Post

Description: The Eagle Mobile Command Post was customized from a recreation vehicle to better assist in command and control during law enforcement operations and natural disasters. This vehicle is designed with mission-essential supplies, such as lighting, and an interview room with whiteboards.

Link:	Unavailable
Quantity:	One (1)
Initial Cost:	\$221,912.50 per item
Ongoing Costs:	Approximately \$1,000

AUTHORIZED USE

The above-listed command post vehicle is used for operational command and control of various types of investigations, natural disasters, and emergencies. Supervisors assigned to the division may deploy the command post.

LIFESPAN

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of command post vehicles, but the equipment has an estimated lifespan of approximately 15 years.

FISCAL IMPACT

Approximately \$1,000

E. BUREAU OF ADMINISTRATION – AUTOMOTIVE

The Sheriff's Automotive Services Unit is responsible for monitoring all of the vehicles in the fleet. This function includes maintenance of patrol cars, motorcycles, buses, prisoner transportation vans, boats, administrative vehicles, and many other specialty vehicles.

1. **MOBILE COMMAND POST**

Command vehicles are built to better assist in command and control during law enforcement operations, natural disasters, and other public safety events. These vehicles are designed with additional communication abilities, computers, whiteboards, lighting, generators, and mission critical supplies.



Item: 2001 Fleetwood Southwind Mobile Command Post

Description: The Southwind Mobile Command Post was customized from a Southwind recreation vehicle to better assist in command and control during law enforcement operations and natural disasters. This vehicle is designed with mission-essential supplies, such as additional communications abilities, and lighting.

Link:	Unavailable
Quantity:	One (1)
Initial Cost:	\$92,652
Ongoing Costs:	Approximately \$3,500

AUTHORIZED USE

The above-listed command post vehicle is used for operational command and control of various types of investigations, natural disasters, and emergencies. Supervisors assigned to the division may deploy the command post.

LIFESPAN

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of command post vehicles, but the equipment has an estimated lifespan of approximately 15 years.

FISCAL IMPACT

Approximately \$3,500

F. INTELLIGENCE DIVISION

1. LONG-RANGE ACOUSTIC DEVICE

The long-range acoustic device is used for emitting amplified public announcements during search warrant services, barricaded suspects, or tactical operations. The audible technology ensures broadcasted announcements are loud and clear while offering advantages over less-amplified patrol car public address systems.



Item: American Technology Corporation LRAD 1000 Device

Description: Long-range acoustic device (LRAD) technology products use high intensity focused acoustic output to communicate well more than 500 meters with authority and high intelligibility. Using powerful voice commands and deterrent tones, large safety zones can be created around command posts and restricted/protected areas while determining the intent, influencing the behavior, and gaining the compliance of a targeted crowd. The device can be used for public announcements or safety advisements during natural disasters or evacuations, and in criminal unrest and rioting to provide clear dispersal orders for unlawful assembly.

Link:	https://shop.aardvarktactical.com/collections/lrad-corporation
Quantity:	Two (2)
Initial Cost:	\$45,134
Ongoing Costs:	None

AUTHORIZED USE

The long-range acoustic device may be used for making critical incident and emergency public announcements. Deployment is relegated to those who have completed a training course in the proper use of the device.

LIFESPAN

Long-range acoustic devices have a lifespan of 20 plus years.

FISCAL IMPACT

None

G. PATROL BUREAU

The Patrol Bureau plays a critical role in maintaining public safety by responding to emergencies, preventing crime, and fostering positive relationships between law enforcement and the community. Patrol deputies are often the first to respond to emergency calls for service including crimes in progress, accidents, medical emergencies, and other critical situations. They also conduct routine patrols in designated areas to deter and detect criminal activity, and perform traffic enforcement, community engagement, criminal investigative functions.

1. **MOBILE COMMAND POST**

Command posts are built to better assist in command and control during law enforcement operations, natural disasters, and other public safety events. These vehicles are designed with additional communication abilities, computers, whiteboards, lighting, generators, and mission critical supplies.



Item: 2022 Morgan Olson Route Star Mobile Command Post

Description: The Star Mobile Command Post was customized from a Morgan Olson vehicle to better assist in command and control during law enforcement operations and natural disasters. This vehicle is designed with mission-essential supplies, such as additional communications abilities and lighting.

Link:	https://morganolson.com/route-star/
Quantity:	One (1)
Initial Cost:	\$430,555 (paid for by the City of Victorville)
Ongoing Costs:	\$0 (paid for by the City of Victorville)

AUTHORIZED USE

The above-listed command post vehicle is used for operational command and control of various types of investigations, natural disasters, and emergencies. Supervisors assigned to the division may deploy the command post.

LIFESPAN

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of command post vehicles, but the equipment has an estimated lifespan of approximately 15 years.

FISCAL IMPACT

None

II. ACQUISITIONS

For the 2024 calendar year, the Department seeks the Board of Supervisors' acquisition approval to: (1) make in-kind replacements when stock of approved military equipment has reached significantly low levels or has been exhausted, including due to factors such as increased staffing or duties placed upon the Department; has reached the viable life cycle; or has been rendered unusable; (2) purchase the below-listed items; and (3) receive equipment having no initial cost to the Department, such as that which is acquired as a result of a court order or is gifted, to include the below-listed items.

A. PURCHASES



Item: Clearout Tactical Aerosol Grenade

Description: Clearout is a tactical aerosol grenade that does not require a fuse or explosive charge to disseminate the irritant. It features an over cap protecting the lock down total release actuator system. Clearout quickly disperses into the air of the surrounding area to incapacitate subjects, such as those who need to be removed from larger barricaded areas of homes, apartments, or office buildings.

Link: <https://www.aerko.com/clearout>
Quantity: One hundred forty (140)
Initial Cost: Approximately \$26 per item
Ongoing Costs: Approximately \$3,640



Item: Enola Gaye Flash Grenade 3.0

Description: The Enola Gaye Flash 3.0 delivers a low frequency boom that, while loud, is not uncomfortable. It produces a significant white flash that is ideal for low light conditions.

Link: <https://enolagaye.com/products/flash-grenade-3/>
Quantity: Three hundred (300)
Initial Cost: Approximately \$9 per item
Ongoing Costs: None



Item: Muzzle Blast 40mm Round, OC

Description: The 40mm Muzzle Blast OC Round is a crowd management tool for immediate and close deployment of chemical agent. It can also be used in tactical operations, such as for barricaded subjects, for area denial and area contamination, or as a compliance round.

Link: <https://www.defense-technology.com/product/muzzle-blast-40-mm-round-oc/>

Quantity: Ninety (90)

Initial Cost: Approximately \$26 per item

Ongoing Costs: None



Item: TESAR-1 Orange Cap 275 Grain Copper Frangible

Description: The 12-Gauge shell loaded with a compressed copper frangible slug is a widely used method to breach door locks or hinges for entry during tactical operations. The round is capable of defeating door lock mechanisms, doorknobs, hinges, dead bolts, safety chains, and padlocks on both wooden and hollow core doors. Upon impact, the copper slug disintegrates into a fine powder, eliminating fragmentation.

Link: <https://royalarms.com/shop/orange-cap-275-gr-copper-frangible-12-round-box/>

Quantity: One Hundred (100)

Initial Cost: Approximately \$7 per item

Ongoing Costs: None



Item: Defense Technology® 40mm LMT™ Tactical Single Launcher, Expandable Stock

Description: The 40mm Single Launcher is a single-shot launcher that features an expandable gun stock and an adjustable grip with light rail. It fires standard 40mm less-lethal rounds up to 131 feet.

Link: <https://www.defense-technology.com/product/40mm-lmt-tactical-single-launcher-expandable-stock/>

Quantity: Ten (10)

Initial Cost: Approximately \$847 per item

Ongoing Costs: Approximately \$250



Item: Defense Technology® 40mm Tactical 4-shot Launcher

Description: The 40mm 4-shot Launcher is a launcher that features an expandable gun stock and an adjustable grip with light rail. It fires standard 40mm less-lethal rounds up to 131 feet.

Link: <https://www.defense-technology.com/product-category/4shot/>

Quantity: Thirty-eight (38)

Initial Cost: Approximately \$2,505 per item

Ongoing Costs: Approximately \$1,500



Item: Tippmann SA200 Pneumatic Launcher

Description: The SA200 Pneumatic Launcher deploys .68 caliber less lethal irritant projectiles reliably and accurately with a flexible air source configuration, up to 150 feet. This less-lethal munition launcher is used to train Department armorers and attendees of related training.

Link: [Unavailable](#)
Quantity: Thirty (30)
Initial Cost: Approximately \$140 per item
Ongoing Costs: Approximately \$1,500



Item: Tippmann FT12L Pneumatic Launcher

Description: The FT12L Pneumatic Launcher deploys .68 caliber less lethal irritant projectiles reliably and accurately with a flexible air source configuration, up to 150 feet.

Link: [Unavailable](#)
Quantity: Fifty-eight (58)
Initial Cost: Approximately \$295 per item
Ongoing Costs: Approximately \$17,110



Item: Sky-Hero LOKI Mk 2

Description: The LOKI Mk 2 is an indoor sUAS that weighs approximately two pounds and is used to search the interiors of various structures.

Link:

<https://sky-hero.com/products/loki-mkii/>

Quantity:

Four (4)

Initial Cost:

Approximately \$9,850 per item

Ongoing Costs:

Approximately \$800

Notes:

This item will also require approval from the County's Unmanned Aircraft System Steering Committee and the County's Chief Executive Officer prior to purchase



Item: Skydio X10 VT300-Z

Description: The Skydio X10 VT300-Z is an indoor/outdoor rated sUAS that weighs approximately 4.65 pounds and is used to boost search and rescue efforts by providing real-time, force-multiplying ariel support. First responders on the ground can launch a drone and resume search activities while remote pilots extend the search area with ariel perspectives including heat sensitive thermal imaging, significantly increasing the likelihood of locating missing persons.

Link:

<https://www.skydio.com/X10>

Quantity:

Six (6)

Initial Cost:

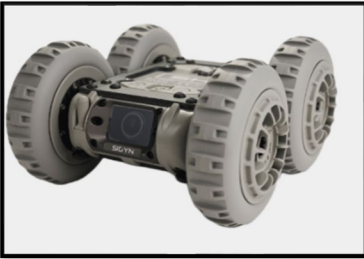
Approximately \$16,464 per item

Ongoing Costs:

Approximately \$1,200

Notes:

This item will also require approval from the County's Unmanned Aircraft System Steering Committee and the County's Chief Executive Officer prior to purchase



Item: Sky Hero Sigyn Mk1

Description: The SIGYN Mk1 is a pocket-sized, lightweight, throwable ground robot that provides superior scouting through two ultra-sensitive day-night cameras, 150-degree views, dimmable IR LEDs on the front, back, and top that provide video clarity, and NVG lighting. It is built with aviation-grade carbon fiber and reinforced with polycarbonate frames.

Link:

<https://sky-hero.com/products/sigyn-mki/>

Quantity:

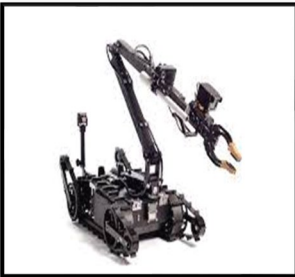
Four (4)

Initial Cost:

Approximately \$14,980 per item

Ongoing Costs:

Approximately \$800



Item: ICOR Mini-Caliber

Description: The ICOR Mini-Caliber lightweight tactical robot is designed for rapid tactical missions, including searching rooms, hallways, stairwells, and confined spaces. Outfitted with rubber tracks and articulating front and rear flippers, the Mini-Caliber effortlessly climbs stairs and, with its extendible rotating claw arm, simplifies the opening of door handles.

Link:

<https://icortechnology.com/robots/mini-caliber/>

Quantity:

Two (2)

Initial Cost:

Approximately \$132,963 per item

Ongoing Costs:

Approximately \$2,000



Item: 2024 G3 Lenco Ballistic Engineered Armored Response Counterattack Truck (BEARCAT)

Description: The G3 Lenco BEARCAT is a 4-wheel drive, offroad capable, small, armored rescue vehicle. It can protect approximately eight people while conducting rescue operations, SWAT operations, and high-risk search warrants.

Link: <https://www.lencoarmor.com/model/bearcat-g3-police-government/>

Quantity: Two (2)

Initial Cost: Approximately \$370,919 per item

Ongoing Costs: Approximately \$11,200



Item: 2023–25 Morgan Olson Route Star Mobile Command Post

Description: The Star Mobile Command Post will be customized from a Morgan Olson vehicle to better assist in command and control during law enforcement operations and natural disasters. The vehicle will be designed with mission-essential supplies, such as additional communications abilities and lighting.

Link: <https://morganolson.com/route-star/>

Quantity: Four (4)

Initial Cost: Approximately \$500,000–800,000 per vehicle (one is to be funded by the State of California pursuant to California Senate Bill 170 (SB 170), Budget Act of 2021, Chapter 240)

Ongoing Costs: Approximately \$3,000 per item

III. CONFIRMED NON-COMPLIANCE

The Department had no reportable instances of confirmed non-compliance with its Military Equipment Use Policy to report to the Board of Supervisors.

IV. JUSTIFICATION

In order to ensure that the Department's military equipment provides the best value to meet the County's needs in comparison to alternatives, if any were available, and to achieve officer and civilian safety, the Department's past and future acquisitions of military equipment comply with Section 11, Procurement and Contracting, of the County of San Bernardino's Policy Manual.