

EXHIBIT B

SAN BERNARDINO COUNTY SHERIFF'S DEPARTMENT ANNUAL MILITARY EQUIPMENT REPORT FOR JANUARY 1—DECEMBER 31, 2022

MARCH 30, 2023



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: 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://loki.aardvarktactical.com/?gclid=EAlalQobChMrPj5ofv3AIVlxitBh0nHw1qEAAAYASAAEgJfRfD_BwE

Quantity: Two (2)

Used: 42 times

Initial Cost: \$7,500

Ongoing Costs: Approximately \$600



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)
Used: 25 times
Initial Cost: \$10,000
Ongoing Costs: Approximately \$600



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)
Used: 22 times
Initial Cost: \$1,583
Ongoing Costs: Approximately \$300

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 \$2,200

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:	Two (2)
Used:	0 times
Initial Cost:	\$190,000
Ongoing Costs:	Approximately \$5,000



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)

Used:

30 times

Initial Cost:

\$131,696

Ongoing Costs:

Approximately \$2,500



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)

Used:

26 Times

Initial Cost:

\$120,255

Ongoing Costs:

Approximately \$1,300



Item: iRobot First Look

Description: The First Look allows for quick deployment and observation during critical incidents. It also serves as a radio repeater for the larger Pacbot robot.

Link: <https://www.army-technology.com/projects/irobot-110-firstlook-robot/>

Quantity: One (1)

Used: 12 Times

Initial Cost: \$25,022

Ongoing Costs: Approximately \$600



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/transcendproduct/vantage-patrol-robot/>

Quantity: Six (6)

Used: 2 Times

Initial Cost: \$5,000

Ongoing Costs: Approximately \$250

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 \$9,650

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://inertproducts.com/product/electric-detonator-blasting-cap-inert-training-aid/
Quantity:	Two thousand and thirty-four (2,034)
Used:	62 times
Initial Cost:	\$10 each
Ongoing Costs:	Approximately \$600



Item: 12-Gauge TKO Breaching Round

Description: The 12-Gauge shell loaded with a compressed zinc slug, utilizing smokeless powder as a propellant. This 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/wp-content/uploads/2020/06/Warranty-Defense-Technology-Munitions-FINAL-rev-06-29-20.pdf>

Quantity: Fifty-Four (54)

Used: 18 times

Initial Cost: \$6.55 each

Ongoing Costs: Approximately \$150



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)

Used: 61 times

Initial Cost: \$437 per roll

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 \$1,550

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)
Used:	184 times
Initial Cost:	\$847
Ongoing Costs:	Approximately \$800



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: [Unavailable](#)
Quantity: One (1)
Used: 0 times
Initial Cost: \$1,000
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)
Used: 46 times
Initial Cost: \$847
Ongoing Costs: Approximately \$800



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)

Used: 0 times

Initial Cost: \$800

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: <https://www.defense-technology.com/wp-content/uploads/2020/06/40mm-BIP-Collapsible-Gel-Round.pdf>

Quantity: One Hundred and Fifty (150)

Used: 96 times

Initial Cost: \$32

Ongoing Costs: None – item no longer available

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 \$1,600

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/product/flameless-expulsion-cs-grenade/>

Quantity: Twenty-One (21)

Used: 18 times

Initial Cost: \$41

Ongoing Costs: Approximately \$820



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://www.defense-technology.com/product/flameless-expulsion-oc-grenade/
Quantity:	Forty-Four (44)
Used:	26 times
Initial Cost:	\$42
Ongoing Costs:	Approximately \$1,260



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-Two (52)
Used:	50 times
Initial Cost:	\$38
Ongoing Costs:	Approximately \$1,520



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: Six (6)
Used: 3 times
Initial Cost: \$38
Ongoing Costs: Approximately \$190



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: One Hundred Nine (109)
Used: 23 times
Initial Cost: \$29
Ongoing Costs: Approximately \$667



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: Eighty-Three (83)

Used: 0 times

Initial Cost: \$40

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: Thirty-Six (36)

Used: 30 times

Initial Cost: \$39

Ongoing Costs: Approximately \$1,170



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:

Seventy-Eight (78)

Used:

50 times

Initial Cost:

\$17

Ongoing Costs:

Approximately \$1,000



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)

Used:

22 times

Initial Cost:

\$166

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:	Fifteen (15)
Used:	22 times
Initial Cost:	\$5
Ongoing Costs:	Approximately \$150

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 \$6,777

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)
Used:	27 times
Initial Cost:	\$10,000
Ongoing Costs:	Approximately \$6,000



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)
Used:	1 time
Initial Cost:	\$7,003
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: Three hundred and ninety (390)

Used: 300 times

Initial Cost: \$4

Ongoing Costs: Approximately \$1,400



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: Twenty (20)

Used: 10 times

Initial Cost: \$5

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 \$7,600

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:

Six (6)

Used:

4 times

Initial Cost:

\$109

Ongoing Costs:

Approximately \$545



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: Ninety-Two (92)

Used: 51 times

Initial Cost: \$34

Ongoing Costs: Approximately \$1,700

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 \$2,250

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)
Used:	127 times
Initial Cost:	\$143,286
Ongoing Costs:	Approximately \$8,300



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)
Used:	65 times
Initial Cost:	\$203,352
Ongoing Costs:	Approximately \$3,300



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)
Used:	43 times
Initial Cost:	\$279,955
Ongoing Costs:	Approximately \$4,200



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)
Used:	0 times
Initial Cost:	\$0
Ongoing Costs:	Approximately \$5,000

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 \$20,800

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)
Used:	26 times
Initial Cost:	\$82,945
Ongoing Costs:	Approximately \$2,500

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 \$2,500

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)
Used:	23 times
Initial Cost:	\$623,485
Ongoing Costs:	Approximately \$5,500

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 \$5,500

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**

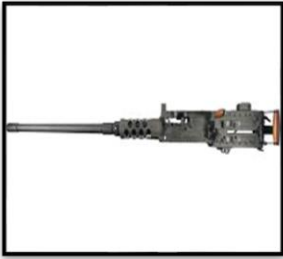
Though inventoried for vehicle borne threats, these firearms are maintained in the Personnel/Emergency Services Bureau's inventory and generally serve as training aids to ensure safety members are aware of potential firearms they may locate in the field. Additionally, there is a crucial need for staff 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)
Used:	0 times
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)

Used:

0 times

Initial Cost:

\$9,200

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/m107a1/>

Quantity:

One (1)

Used:

26 times

Initial Cost:

\$10,200

Ongoing Costs:

Approximately \$300

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 \$500

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)
Used:	0 times
Initial Cost:	\$0 (Acquired via court order)
Ongoing Costs:	Approximately \$50



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)
Used: 0 times
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: Approximately \$50



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)
Used: 0 times
Initial Cost: \$1,800
Ongoing Costs: Approximately \$50



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)
Used: 0 times
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: Approximately \$100



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)
Used: 0 times
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: Approximately \$50



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)
Used: 0 times
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: Approximately \$50



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)
Used: 0 times
Initial Cost: \$2,000
Ongoing Costs: Approximately \$50

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 \$400

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 armorers and attendees of related training.

Link:	Unavailable
Quantity:	One (1)
Used:	0 times
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)
Used: 0 times
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: Approximately \$100



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)
Used: 0 times
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)
Used: 0 times
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: Approximately \$50



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)
Used: 0 times
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: Approximately \$100



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)
Used: 0 times
Initial Cost: \$2,000
Ongoing Costs: Approximately \$50



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)
Used: 0 times
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: Approximately \$50



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)
Used: 0 times
Initial Cost: \$1,200
Ongoing Costs: Approximately \$50



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)
Used: 0 times
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: Approximately \$50

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 \$600

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)
Used:	0 times
Initial Cost:	\$0 (Acquired via court order)
Ongoing Costs:	Approximately \$100



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)
Used: 0 times
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: Approximately \$25



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)
Used: 0 times
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: Approximately \$50



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)
Used: 0 times
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: Approximately \$75



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)
Used: 0 times
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: Approximately \$50



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)
Used: 0 times
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: Approximately \$100



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)
Used: 0 times
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: Approximately \$50



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)
Used: 0 times
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: Approximately \$50



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)
Used: 0 times
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: Approximately \$50



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)
Used: 0 times
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: Approximately \$100



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)
Used: 0 times
Initial Cost: \$0 (Acquired via court order)
Ongoing Costs: Approximately \$50

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 \$700

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)
Used:	130 times
Initial Cost:	\$600
Ongoing Costs:	Approximately \$30



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: Twenty-Six (26)
Used: 89 times
Initial Cost: \$140
Ongoing Costs: Approximately \$30



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)
Used: 86 times
Initial Cost: \$259
Ongoing Costs: Approximately \$1,700



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.remarks.com/shotguns/pump-action/model-870/>

Quantity: Five Hundred Eighty-Six (586)

Used: 135 times

Initial Cost: \$670

Ongoing Costs: Approximately \$2,300



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 FPS. The 30-gram foam projectile delivers 120 FT- LBS 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.

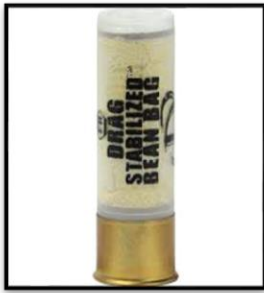
Link: <https://www.defense-technology.com/product/exact-impact-40-mm-standard-range-sponge-round/>

Quantity: Five Thousand Six Hundred Seventy-Six (5,676)

Used: 650 times

Initial Cost: \$21

Ongoing Costs: Approximately \$13,650



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:

Eight Thousand One Hundred Forty (8,140)

Used:

113 times

Initial Cost:

\$5

Ongoing Costs:

Approximately \$600



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/products/>

Quantity:

Four Thousand Five Hundred (4,500)

Used:

855 times

Initial Cost:

\$0.55

Ongoing Costs:

Approximately \$500

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 \$20,000

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 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:	Sixty-One (61)
Used:	14 times
Initial Cost:	\$29
Ongoing Costs:	Approximately \$435

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 \$500

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, #1087

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: Eighty-Two (82)

Used: 34 times

Initial Cost: \$48

Ongoing Costs: Approximately \$1,800



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 (100)
Used:	22 times
Initial Cost:	\$50
Ongoing Costs:	Approximately \$1,250

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 \$3,000

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:	https://nwhelicopters.com/uh-1h/
Quantity:	Three (3)
Used:	78 times
Initial Cost:	\$0
Ongoing Costs:	While the exact annual maintenance cost varies based on replacement part needs, the operating costs are approximately \$2,911.08/hour, and \$565,331.73/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:	https://en.wikipedia.org/wiki/Beechcraft_C-12_Huron
Quantity:	Two (2)
Used:	45 times
Initial Cost:	\$0
Ongoing Costs:	While the exact annual maintenance cost varies based on replacement part needs, the operating costs are approximately \$1,970.75/hour, and \$224,665.50/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 three helicopters listed above are 1968 (FAA Registration Number N62619), 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 \$789, 996

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)
Used:	0 times
Initial Cost:	\$221,912.50
Ongoing Costs:	Approximately \$2,200

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 \$2,200

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)
Used:	0 times
Initial Cost:	\$92,652
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

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)
Used:	0 times
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

II. ACQUISITIONS

For the 2023 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, has been exhausted, 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 item.

A. PURCHASES



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)
Service Life:	12 Years
Initial Cost:	\$356,000 (funding source: General Funds; see Agenda Item # 64 from 01-25-2022 Board of Supervisors meeting)
Ongoing Costs:	Approximately \$3,000



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 examining of explosive devices at a 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)

Service Life: 12 Years

Initial Cost: \$505,493 (funding source: Federal Seized Asset Forfeitures; see Agenda Item # 66 from 09-27-2022 Board of Supervisors meeting)

Ongoing Costs: Approximately \$2,000

B. GIFTS



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 additional communications abilities and lighting.

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

Quantity: One (1)

Service Life: 12 Years

Initial Cost: \$430,555 (funding source: City of Victorville's Supplemental Law Enforcement Services Fund (SLESF) allocation)

Ongoing Costs: \$0, as this will be a City of Victorville purchase that will be donated to the County

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.