Alameda County Sheriff's Office
Governing Body–Approved Military Equipment Inventory (AB 481)
ACSO General Order 2.21.02, Attachment 1
September 16, 2026

Category 1 – Unmanned, remotely piloted, powered aerial or ground vehicles

1. Small Unmanned Aircraft System (sUAS)

Small Unmanned Aircraft Systems (sUAS) consist of unmanned aircraft weighing less than 55 pounds, their control systems, communication links, and related support equipment. ACSO sUAS are capable of recording video.

a. Description/Capabilities, Quantity, and Cost

i. BRINC LEMUR 2:
Manufactured in the United States and designed for interior use. Its propeller ducts allow the UAS to contact walls and other surfaces while operating in confined spaces. If the UAS lands on its back, it can reposition itself and relaunch. The system also provides two-way audio through onboard microphones and a loudspeaker.
Quantity: 12
Cost: $15,000 per unit

ii. DJI AVATA 2:
An uncrewed aerial system works as an excellent tool for indoor use. The Avata 2 is smaller, lighter, much more maneuverable, and sports a cinewhoop design where propeller guards are built into the UAS's airframe. The UAS can perform front/back flips, left/right rolls, has an ultra- wide-angle camera, films 4K/60fps HDR videos and has 23 minutes flight time.
Quantity: 12
Cost: $1,200 per unit

iii. DJI FPV COMBO:
First-person view UAS with 4K camera, S Flight Mode, super-wide 150-degree field of view, HD low latency transmission and emergency brake. This UAS can record 4K/60FPS video at up to 120Mbps.
Quantity: 1
Cost: $1,299 per unit

iv. DJI MATRICE 210 V2:
Large UAS with dual cameras, including a professional-grade infrared camera and 30x optical zoom. This UAS has a reliable and stable flight view and supports automatic dual frequency band switching and extends the flight range to up to 8km. It also has AES-256 Encryption, keeping data transmission secure and safe.
Quantity: 1
Cost: $16,000 per unit

v. DJI MATRICE 210 V2 RTK:
Same description/capabilities as the DJI Matrice 210 V2 but with built-in high performance RTK modules and D-RTK 2 mobile station compatibility.
Quantity: 1
Cost: $16,000 per unit

vi. DJI MATRICE 300 RTK:
Commercial UAS with up to 55 minutes of flight time, advanced AI features, and six-directional obstacle sensing for safer navigation. It can transmit video up to 15 km away and supports three channels of 1080p video. The system automatically switches between 2.4 GHz and 5.8 GHz signals to stay reliable, even in areas with high interference (like cities with a lot of wireless traffic). AES-256 encryption ensures secure data transmission.
Quantity: 2
Cost: $13,700 per unit

vii. DJI MATRICE 350 RTK:
Advanced UAS with a triple-channel transmission system, multi-payload support, and a maximum flight time of 55 minutes. Provides enhanced stability through six-directional obstacle sensing and positioning, along with an IP55 weather-resistant design for demanding environments. Also supports AES-256 encrypted data links. It is primarily used for the Drone as First Responder (DFR) Program.
Quantity: 6
Cost: $35,000 per unit

viii. DJI MATRICE 400 Series:
The Matrice 400 series is an upgraded, next-generation drone platform that features a new video transmission system, an improved control experience, a more efficient battery system, enhanced safety features, and upgraded payload capabilities. It is primarily used for the Drone as First Responder (DFR) Program.
Quantity: 8
Cost: $38,000 per unit

ix. DJI MATRICE 3TD:
The DJI Matrice 3TD is a high-performance aircraft specifically designed for use with the DJI Dock 2. It is equipped with a wide-angle camera, a telephoto camera, and an infrared camera, capable of capturing both visible light and thermal images. The Matrice 3TD is dustproof and waterproof, making it reliable in challenging environments. When paired with the DJI Dock 2, it is primarily used for the Drone as First Responder (DFR) Program.
Quantity: 8
Cost: $6,500 per unit

x. DJI MATRICE 4TD:
The DJI Matrice 4TD is a public safety UAS designed to support Drone as First Responder (DFR) operations and extended-duration missions. It includes thermal imaging, zoom cameras, and a laser range finder. The UAS can integrate with DJI Dock systems for remote launch, operation, and automated flight missions. It may be used for emergency response, perimeter security, disaster assessment, search and rescue, and other public safety operations.
Quantity:5
Cost: $7,500 per unit (3 leased through Aerodome)

xi. DJI MATRICE 4E:
The DJI Matrice 4E is a compact enterprise drone designed for surveying, mapping, infrastructure inspections, and asset management. It is equipped with high-resolution wide-angle and telephoto cameras that provide precise image capture and advanced photogrammetry capabilities. Its intelligent flight planning, AI-assisted operations, and RTK positioning support highly accurate mapping and inspection work. The Matrice 4E also offers extended flight time and enhanced obstacle sensing while remaining portable and easy to deploy in the field. Its design makes it especially useful for accident reconstruction, crime scene mapping, critical infrastructure documentation, and geographic data collection.
Quantity:1
Cost: $5,200 per unit

xii. DJI MATRICE 4T:
The DJI Matrice 4T is a compact, multi-sensor enterprise drone designed for public safety, emergency response, tactical operations, and infrastructure inspections. It combines a wide-angle camera, medium telephoto camera, long-range telephoto camera, thermal imaging camera, and laser range finder into a single platform. Its advanced AI-powered object detection, thermal imaging capabilities, and enhanced low-light performance allow operators to locate people, vehicles, and potential threats in challenging environments. Despite its extensive sensor package, the Matrice 4T remains lightweight, portable, and rapidly deployable, making it well suited for Drone as First Responder (DFR) operations, search and rescue missions, overwatch, and situational awareness.
Quantity:10
Cost: $7,300 per unit

xiii. DJI MATRICE 30T:
A commercial UAS with up to 41 minutes of flight time, thermal and zoom cameras, six-directional sensing, and positioning, and an IP55 weather-resistant design. The system supports long-range video transmission and secure data transmission for public safety operations.
Quantity: 6
Cost: $15,000 per unit

xiv. DJI MAVIC 2 ENTERPRISE ADVANCED:
Contains high-resolution thermal (640x512 thermal resolution and 16x zoom) and visual (48MP and 32x zoom) cameras and is capable of centimeter-level positioning accuracy with the RTK module. Dual-vision allows the operator to tap to switch between visual, thermal, or split-view feeds.
Quantity: 25
Cost: $6,900 per unit

xv. DJI MAVIC 2 ENTERPRISE DUAL:
Contains a color and infrared camera, as well as an audible speaker and an M2E Spotlight. Weighs approximately 899 grams with a flight time of approximately 30 minutes.
Quantity: 13
Cost: $5,500 per unit

xvi. DJI MAVIC 2 ENTERPRISE ZOOM:
Up to 4x zoom and 2x optical zoom and a 48mm telephoto lens. 25-30 minutes of flight time.
Quantity: 17
Cost: $3,500 per unit

xvii. DJI MAVIC 3 ENTERPRISE:
The updated version of the DJI Mavic 2 Enterprise Line. This UAS uses a 48MP camera, films 4K/60fps and 4K/30fps HDR videos. It has a flight time of 45 minutes and forward/backward/downward tri-directional dual-vision obstacle sensing system. The UAS has a 56x hybrid zoom, a 28x digital thermal zoom and a 4/3 CMOS sensor on the mapping version for high resolution photo mapping. The Advanced Pilot Assistance Systems detects objects in the aircraft's flight path in real-time.
Quantity: 12
Cost: $7,500 per unit

xviii. DJI MAVIC MINI 1:
Miniature UAS that weighs approximately 249 grams and is capable of audio/video recording with an approximate flight time of 30 minutes. This UAS supports 12MP aerial photos and 2.7K HD videos.
Quantity: 11
Cost: $400 per unit

xix. DJI MAVIC MINI 2:
Miniature UAS that weighs approximately 249 grams and is capable of audio/video recording with an approximate flight time of 30 minutes. Uses a 12MP camera along with 4K video. This UAS can resist 29-38kph winds and take off at a max altitude of 4,000 meters.
Quantity: 30
Cost: $449 per unit

xx. DJI MAVIC MINI 3 PRO (DJI RC):
The updated version from the DJI Mavic Mini 2. This sUAS uses a 48MP camera, up to 4K/60fps videos and 4K/30fps HDR videos. It has a flight time of 34 minutes (47 minutes with the Intelligent Flight Battery Plus) and forward/backward/downward tri-directional dual-vision obstacle sensing system. The Advanced Pilot Assistance Systems detects objects in the aircraft's flight path in real-time. This allows the DJI Mini 3 Pro to avoid obstacles, even in complicated environments.
Quantity: 25
Cost: $909 per unit

xxi. DJI MAVIC PRO PLATINUM:
4K video and a 12MP camera. 30 minutes of flight time and a reduced noise level as compared to its predecessor (Mavic Pro). This UAS has a 4.3-mile range.
Quantity: 1
Cost: $9,000 per unit

xxii. DJI Mini 4:
The DJI Mini 4 features major upgrades in its vision sensing, imaging, video transmission, and intelligent flight systems. It offers an extended flight time of up to 45 minutes, omnidirectional obstacle sensing, improved transmission distance, and the ability to record 4K/60fps HDR video.
Quantity: 16
Cost: $1,100 per unit

xxiii. DJI Mini 5:
The DJI Mini 5 introduces significant upgrades to its vision sensing, imaging, video transmission, and intelligent flight systems. It features an extended flight time, improved transmission range, and enhanced obstacle avoidance with upgraded vision sensors.
Quantity: 16
Cost: $1,300 per unit

xxiv. DJI PHANTOM 4 ADVANCED:
4K/60 fps video at a bit rate of 100 Mbps and still photos up to 20MP. 30-minute flight time with a flight speed up to 44mph and a 4.35-mile range.
Quantity: 10
Cost: $2,700 per unit (Discontinued)

xxv. DJI PHANTOM 4 PRO:
4K/60 fps video and a 20MP camera. The Flight Autonomy system adds dual rear-vision sensors plus infrared sensing for a total of five directions of obstacle sensing and four directions of obstacle avoidance. Up to 30 minutes of flight time.
Quantity: 3
Cost: $3,699 per unit

xxvi. DJI PHANTOM 4 PROV2:
Same description/capabilities as the DJI Phantom 4 PRO but with an upgraded propulsion system with FOC sinusoidal driver ESCs and 9455S quick-release propellers that reduce noise, making it up to 60% quieter and more aerodynamic. It also has OcuSync radio/video transmission technology, which allows the UAS to connect to DJI Goggles wirelessly.
Quantity: 5
Cost: $6,600 per unit

xxvii. DJI SPARK:
A mini UAS weighing 300 grams and a flight time of 16 minutes. HD 1080p video and a 12 MP camera.
Quantity: 1
Cost: $400 per unit

xxviii. SKYDIO X10:
Manufactured in the United States of America. The X10 is an outdoor UAS used for tactical overwatch missions. The UAS is the first UAS to integrate a FLIR Boson + sensor, delivering high quality thermal imaging. With modular sensor packages and attachment areas, the UAS swiftly adapts to changing mission requirements. Four USB-C ports, three on the top and one on the bottom, are used to connect a variety of attachments for a maximum payload of 12 oz. Equipped with four attachment bays, the UAS can be adjusted to changing mission requirements. These optional swappable attachments include a parachute, speaker and microphone, and spotlight.

Quantity: 6
Cost: $17,000 per unit

b. Purpose and Authorized Use

To be deployed when its view would assist Agency members with the following situations, including, but not limited to:

i. Post-incident crime scene preservation and documentation
ii. Explosive Ordnance Disposal (EOD) missions
iii. Response to hazardous materials spills
iv. Search and Rescue (SAR) missions as defined in California Government Code Section 26614.
v. Public safety and life preservation missions to include barricaded suspects, hostage situations, active shooters, apprehension of armed and dangerous and/or violent fleeing suspects, and high-risk search warrants.
vi. Disaster response and recovery to include natural or human caused disasters including a full overview of a disaster area for post incident analysis and documentation.
vii. Training missions
viii. In response to specific requests from local, state, or federal fire authorities for fire response and prevention
ix. When there is probable cause to believe that (1) the sUAS will record images of a place, thing, condition, or event; and (2) that those images would be relevant in proving that a certain felony had occurred or is occurring, or that a particular person committed or is committing a certain felony and use of the sUAS does not infringe upon the reasonable expectation of privacy.
x. Pursuant to a search warrant
xi. Any official law enforcement mission or event approved by the Sheriff, or the Sheriff's Designee

All flights are documented on a mission dispatch form designed for that purpose and all flight time shall be accounted for on the form. The reason for the flight and type of mission as specified above and name of the supervisor approving the operation will also be documented. Prior to each sUAS flight, a Notice to Airmen (NOTAM) will be filed with the FAA. sUAS Commanders, operators, and observers will consider the protection of individual civil rights and the reasonable expectation of privacy as a key component of any decision made to deploy the sUAS. An sUAS operation requires a Certificate of Authorization (COA) from the FAA. Per G.O. 6.15 the sUAS will not be equipped with any weapons.

c. Expected Life Span

All sUAS have an expected life span of 3-5 years.

d. Fiscal Impact

There is no anticipated annual maintenance cost. Over the three-to-five-year life span of the unit's operation, there is battery replacement cost of approximately $400 per in-service sUAS.

e. Training

All Agency sUAS operators are certified in the operation of sUAS by successful completion of an approved training course. The pilot must meet standards required by the Federal Aviation Administration (FAA) and obtain an FAA Part 107 (Remote Pilot) license.

f. Legal and Procedural Rules that Govern Each Authorized Use

i. G.O. 5.07 – Special Operations Group

ii. G.O. 6.15 – Small Unmanned Aircraft System (sUAS)
iii. FAA Regulation 14 CFR Part 107 – sUAS Operations
iv. ACSO sUAS Operations Manual

2. Robots

Unmanned machines operating on the ground and utilized to enhance the safety of the community and Agency members.

a. Description/Capabilities, Quantity, and Cost

i. REMOTEC ANDROS BOMB DISPOSAL ROBOT:
The REMOTEC Andros F6 robot has dual mobility capability with quick release pneumatic wheels for rapid width reduction and articulating track to traverse rough terrain. The manipulator arm has 7 degrees of freedom to ensure optimum dexterity. The grip rotation is continuous 360 degrees, the torso rotation +/- 90 degrees. It has onboard cameras with one full 360 PTZ.
Quantity: 2
Cost: $260,486.69 per unit

ii. TALON EOD ROBOT STANDARD SYSTEM:
The Talon robot system features modular design which measures 34 inches long, 22.5 inches wide and 10.98 inches high when arm-stowed while the ground clearance is 2.7 inches. It can carry a payload of 100 pounds and has a drag capacity of up to 170 pounds with gripper, a tow capacity of 749 pounds and a maximum arm lift capacity of 20 pounds. TALON features a disruptor-ready manipulator arm, 360° rotating wrist, gripper, microphone, and a loudspeaker.
Quantity: 1
Cost: $275,642.10 per unit

iii. TALON CBRNE RESPONSE ROBOT:
The Talon robot system features modular design which measures 34 inches long, 22.5 inches wide and 10.98 inches high when arm-stowed while the ground clearance is 2.7 inches. It can carry a payload of 100 pounds and has a drag capacity of up to 170 pounds with gripper, a tow capacity of 749 pounds and a maximum arm lift capacity of 20 pounds. TALON features a disruptor-ready manipulator arm, 360° rotating wrist, gripper, microphone, and a loudspeaker. The robot can be configured with a number of sensors to detect gas, chemical, radiation and temperature in HAZMAT duties.
Quantity: 1
Cost: $406,187.77 per unit

iv. FOSTER MILLER DRAGON RUNNER:
The Dragon Runner is a small and lightweight robot designed to provide situational awareness, safety and support for reconnaissance, security, inspection and IED missions. The robot has 4 onboard day/night cameras and can lift up to 10 pounds.
Quantity: 1
Cost: $119,069.85 per unit

v. ICOR CALIBER T5:
The ICOR Caliber T5 is a robot designed for Explosive Ordnance Disposal tasks. The robot is controlled with a command-and-control unit. There is a data and video radio frequency wireless systems, two-way communication with transmitter and receivers with

push to talk functionality, a pan-tilt-zoom color camera, and front and rear drive color CCD cameras so that you can get feedback from the robot. The robot will lift, up to 45 lbs. with the arm retracted and 18 lbs. with the arm extended. It has a 360° rotating robotic claw with camera on telescoping arm. It can mount a single recoilless disruptor and function the disruptor with 4 isolated circuits.
Quantity: 4
Cost: $158,230.46 per unit

vi. ICOR MINI CALIBER:
A lightweight, modular, one-person portable SWAT robot with audio/video capabilities. Two-way communication (talk/listen) with omnidirectional microphone and PTT (Push to Talk) functionality. 360-degree rotating robotic claw with wide angle camera and the ability to climb stairs and clear obstacles.
Quantity: 2
Cost: $51,000 per unit

b. Purpose and Authorized Use

Electronic robots are an extension of law enforcement officers. They allow the robot to be a communication platform in de-escalation attempts as well as place a machine in high-risk environments in lieu of an Agency member. Electronic robots allow personnel to remotely observe, communicate, and operate in high-risk environments. They may reduce the need to place Agency members in dangerous locations. Authorized uses include inspecting explosives and suspicious packages, communicating with individuals in high-risk areas, and visually searching areas for hostages, victims, suspects, or other threats. The authorized uses of robots include inspecting explosives and suspicious packages, safely communicating with individuals in high threat areas, and visually searching areas for hostages, victims, suspects, or other threats facing the community.

c. Expected Life Span

All robots have an expected life span of 8-10 years.

d. Fiscal Impact

Annual maintenance and battery replacement cost is approximately $2,500 per robot.

e. Training

Training for all EOD members shall be developed, approved, or presented only as set forth in G.O. 3.01, which includes basic instruction in the identification, handling, and render safe procedures for improvised explosive devices provided by the Federal Bureau of Investigations (FBI). Ongoing mandated Agency EOD in-service training for proficiency is required. An FBI refresher course is recommended every 3 years.

f. Legal and Procedural Rules that Govern Each Authorized Use

i. G.O. 5.07 – Special Operations Group
ii. EOD P&P 3.01 – EOD Training Plan
iii. EOD P&P 4.04 – Bomb Vans and Trailers
iv. EOD P&P 5.01 – Equipment, Operation and Readiness

Category 2 – Armored Personnel Carriers

Commercially produced wheeled armored personnel vehicles utilized for law enforcement purposes.

a. Description/Capabilities, Quantity, and Cost

i. ARMORED GROUP BALLISTIC ARMORED TACTICAL TRANSPORT (BATT), MODEL BATT-S W/ ARMORED PIERCING PACKAGE:
An armored vehicle that seats 12-14 personnel with open floor plan that allows for rescue of down personnel and the public. It can stop various projectiles, which provides greater safety to citizens and Agency members beyond the protection level of shield and personal body armor.
Quantity: 1
Cost: $154,870 per unit

ii. ARMORED GROUP BALLISTIC ARMORED TACTICAL TRANSPORT (BATT), MODEL BATT-S W/ ARMORED PIERCING PACKAGE:
An armored vehicle that seats 5 personnel with an EOD command post floor plan that allows bomb technicians to operate with the benefit of ballistic protection. It can stop various projectiles, which provides greater safety to citizens and Agency members beyond the protection level of shield and personal body armor.
Quantity: 1
Cost: $230,535 per unit

iii. 2013 LENCO BEARCAT ARMORED RESCUE VEHICLE (ARV):
The 2013 Lenco BearCat is a two-door armored rescue vehicle designed to safely transport deputies and civilians during high-risk incidents. It provides ballistic protection during incidents involving armed subjects, active threats, natural disasters, and rescue operations. Its open interior allows personnel to rescue and transport injured civilians or agency personnel while reducing the risk of injury or loss of life.
Quantity: 1
Cost: $300,000 per unit

iv. 2019 LENCO BEARCAT ARMORED RESCUE VEHICLE (ARV):
The 2019 Lenco BearCat is a four-door armored rescue vehicle designed to safely transport deputies and civilians during high-risk incidents. It provides ballistic protection during incidents involving armed subjects, active threats, natural disasters, and rescue operations. Its design allows personnel to enter and exit the vehicle more easily while supporting rescue operations and the safe resolution of critical incidents.
Quantity: 1
Cost: $300,000 per unit

b. Purpose and Authorized Use

Armored rescue vehicles may be used during critical incidents to protect the public and Agency members, improve scene containment, support rescue operations, and assist in safely resolving high-risk incidents. The use of armored vehicles shall only be authorized by a watch commander or SRU Commanding Officer, or designee, based on the specific circumstances of a given critical incident. Armored vehicles should only be operated by an SRU team member. Armored vehicles shall not be used for routine patrol operations.

c. Expected Life Span
15 years

d. Fiscal Impact
Annual maintenance cost for each armored vehicle is approximately $2,000.

e. Training
All driver/operators shall be trained in vehicle operations and practical driving instruction. All armored vehicles should only be operated by an SRU team member and in a manner consistent with Agency policy and training.

f. Legal and Procedural Rules that Govern Each Authorized Use
i. G.O. 5.30 – Operation of Agency Emergency Vehicle
ii. SRU P&P. 3.03 – Tactical Response Vehicles

Category 5 – Command and Control Vehicles

1. LDV Mobile Command Center (MCC):

a. Description/Capabilities, Quantity, and Cost
A mobile office that provides shelter, access to Sheriff's Office computer systems and communications, television monitors, workspaces, and exterior cameras. This is a custom built 36-foot LDV emergency response vehicle on a 2006 Freightliner frame.
Quantity: 1
Cost: $600,000 per unit

b. Purpose and Authorized Use
The purpose of the MCC is to provide workspace and communication stations for field command operations. It also has television monitors to monitor news and events in real time. The vehicle is used as a mobile command post for emergency situations which require extended communications and control functions. The MCC may be used as a command post during disaster or emergency response situations. The MCC is a regional asset and as such may be utilized for deployment to other jurisdictions in cases of mutual assistance requests. Due to its unique function, the MCC may be deployed to community events as a static demonstration, with an operator to answer the public's questions about the functions and deployment. The Specialized Services Captain will be responsible for authorizing the use of the MCC.

c. Expected Life Span
20 years

d. Fiscal Impact
Annual maintenance cost is approximately $5,000.

e. Training
All drivers must have completed the California Class B Commercial driving school and be properly licensed. The driver must have completed familiarization training of the MCC. The operator must have completed the familiarization training and be proficient in operating and troubleshooting the generator, satellite system, telephones, computers, external lighting, television monitors, camera, computers, and radios.

f. Legal and Procedural Rules that Govern Each Authorized Use

i. OES P&P. 4.01 – Mobile Command Center
ii. G.O. 5.30 – Operation of Agency Emergency Vehicle

2. LDV Mobile Response Vehicle EOD MCC:

a. Description/Capabilities, Quantity, and Cost

The EOD MCC provides workspace and communication stations for field command operations. It also has television monitors to monitor news and events in real time. The vehicle is used as a mobile command post for emergency EOD situations which require extended communications and control functions. Due to its unique function, the EOD MCC may be deployed to community events as a static demonstration, with an operator to answer the public's questions about the functions and deployment.
Quantity: 1
Cost: $278,305 per unit

b. Purpose and Authorized Use

To be used during specific circumstances of a critical incident, large event, natural disaster, or community event that is taking place. The Special Operations Group (SOG) Captain will be responsible for authorizing the use of the EOD MCC.

c. Expected Life Span

15 years

d. Fiscal Impact

Annual maintenance cost is approximately $3,000.

e. Training

Class A license and internal Agency training required to operate.

f. Legal and Procedural Rules that Govern Each Authorized Use

i. EOD P&P 4.04 – Bomb Vans and Trailers
ii. EOD P&P 5.01 – Equipment, Operation and Readiness
iii. G.O. 5.30 – Operation of Agency Emergency Vehicle

3. Ford F550 Mobile Response Vehicle EOD:

a. Description/Capabilities, Quantity, and Cost

A Ford F-550 and custom exterior storage box which contains equipment utilized to safely deal with situations where explosives, energetic material or suspicious items need to be identified and/or rendered safe.
Quantity: 3
Cost: $180,000 per unit

b. Purpose and Authorized Use

The EOD response vehicle is used for explosive identification and render safe callouts.

c. Expected Life Span

15 years

d. Fiscal Impact

Estimated annual maintenance cost is $3,000.

e. Training

All drivers must possess a California Class C driver license.

f. Legal and Procedural Rules that Govern Each Authorized Use

i. EOD P&P 4.04 – Bomb Vans and Trailers
ii. EOD P&P 5.01– Equipment, Operation and Readiness
iii. G.O. 5.30 – Operation of Agency Emergency Vehicle

4. Crisis Intervention Unit (CIU) Vehicle:

a. Description/Capabilities, Quantity, and Cost

The Ford E-450 Crisis Intervention Unit (CIU) Mobile Office provides a safe, sheltered workspace with access to Sheriff's Office computers and communication systems. It allows deputies, mental health professionals, and community partners to meet with people in need of crisis intervention services during critical incidents and community outreach. The vehicle supports de-escalation, assessments, resource coordination, and follow-up services while bringing assistance directly into the community.
Quantity: 1
Cost: $180,000 per unit

b. Purpose and Authorized Use

The CIU vehicle may be used during critical incidents, crisis intervention responses, community outreach, and other situations where a mobile workspace supports de-escalation, assessment, resource coordination, or follow-up services.

c. Expected Life Span

20 years

d. Fiscal Impact

Estimated annual maintenance cost is $1,000.

e. Training

All drivers/operators shall receive training in the safe handling of the vehicle and possess a Class C driver license.

f. Legal and Procedural Rules that Govern Each Authorized Use

i. CIU P&P 5.01– Inventory Control
ii. SRU P&P 5.01 – Crisis Intervention Unit
iii. G.O. 5.30 – Operation of Agency Emergency Vehicle

5. Small Unmanned Aircraft System Mobile Command Center (sUAS MCC):

a. Description/Capabilities, Quantity, and Cost

A 2021 Mercedes-Benz 3500XD Sprinter Van that provides workspace and communications for Fields Command Operations. This van is capable of monitoring numerous sUAS flights and video streaming to Command Staff and/or government officials.
Quantity: 1

Cost: $393,078 per unit

b. Purpose and Authorized Use

The sUAS MCC may be deployed to any law enforcement events including, but not limited to, hostage rescue, search & rescue, barricaded subjects, wildland fires and large natural disasters. The sUAS MCC may also be deployed to community events as a static display, with operators to answer questions about the vehicle and its capabilities. The Special Operations Group Captain will be responsible for authorizing the use of the sUAS MCC.

c. Expected Life Span

15 years

d. Fiscal Impact

Estimated annual maintenance cost is $2,500.

e. Training

All drivers/operators shall receive training in the safe handling of the vehicle and possess a Class C driver license.

f. Legal and Procedural Rules that Govern Each Authorized Use

G.O. 5.07 – Special Operations Group
G.O. 5.30 – Operation of Agency Emergency Vehicle

Category 10 – Specialized Firearms and Ammunition

Rifles are firearms capable of accurately stopping an armed subject at various distances, with reduced over-penetration than the standard-issued department handgun. They are lightweight, gas operated, magazine fed, shoulder or mount fired weapons, designed for semi-automatic fire. Rifles fire various caliber projectiles (.223, .308, .338, .5.56mm, 7.62mm), which are capable of penetrating soft body armor worn by armed suspects.

a. Description/Capabilities, Quantity, and Cost

RIFLES

i. ACCURACY INTERNATIONAL, AT-X LE, .308 WINCHESTER (BOLT ACTION RIFLE):
The Accuracy International AT-X LE is a precision bolt-action rifle built on a modular aluminum chassis with fully adjustable ergonomics, including tool-less length of pull and cheekpiece settings. Chambered in .308 Winchester with a free-floating, interchangeable barrel, the AT-X LE uses a detachable 10-round magazine and delivers superior accuracy for law enforcement applications. Designed for adaptability and durability, it provides reliable long-range overwatch during high-risk operations.
Quantity: 8
Cost: $6,375 per unit

ii. ACCURACY INTERNATIONAL, AX308, .308 WIN (LONG RIFLE):
The Accuracy International AX Rifle is a bolt-action single shot rifle with free-floating barrel and a magazine capacity of ten rounds. Designed around the .308 Winchester cartridge, the AX can be converted for use with other short action cartridges such as the 6.5 Creedmoor - at the user level.
Quantity: 9

Cost: $5,999 per unit

iii. ACCURACY INTERNATIONAL, AXMC, .338 LAPUA (LONG RIFLE):
The AXMC long rifle is a bolt-action single shot rifle with free-floating barrel and a magazine capacity of ten rounds. The AXMC rifle is easily upgradeable with a number of accessories and upgrades which can be purchased from Accuracy International distributors.
Quantity: 1
Cost: $7,500 per unit

iv. ARMALITE, M15, 5.56X45MM:
The M15TAC14 is an AR-15 style rifle which utilizes a 5.56 round.
Quantity: 2
Cost: $1,850 per unit

v. BUSHMASTER, XM15-E2S, 5.56X45MM:
This Bushmaster Model XM15-E2S is an AR-15 style rifle which utilizes a 5.56 round.
Quantity: 21
Cost: $949 per unit

vi. COLT, AR-15, 5.56X45MM:
The Colt AR-15 is a lightweight, magazine-fed, gas-operated semi-automatic rifle. It is a semi-automatic version of the M16 rifle sold for the civilian and law enforcement markets in the United States.
Quantity: 2
Cost: $2,000 per unit

vii. COLT, AR-15A2, 5.56X45MM:
All of the Colt AR-15 Models are essentially the same with slight variations based on the version and year it was produced.
Quantity: 16
Cost: $1,500 per unit

viii. COLT, AR-15A2 CARBINE, 5.56X45MM:
All of the Colt AR-15 Models are essentially the same with slight variations based on the version and year it was produced.
Quantity: 3
Cost: $1,300 per unit

ix. COLT, AR-15A3, 5.56X45MM:
All of the Colt AR-15 Models are essentially the same with slight variations based on the version and year it was produced.
Quantity: 12
Cost: $900 per unit

x. COLT, LE CARBINE, 5.56X45MM:
This is a specially designed law enforcement weapon. With the 4-position buttstock fully retracted, the Colt Law Enforcement Carbine is less than 32in length and weighs only 6.9 lb. - ideal for tactical deployment and traditional patrol.
Quantity: 7
Cost: $1,100 per unit

xi. COLT, LE6920, 5.56X45MM:
The Colt M4 Trooper 5.56mm 16" (aka Colt Trooper Patrol Carbine) .223 Remington/5.56 NATO chambered semi-automatic is an upgrade to the civilian version of the Colt M4.
Quantity: 182
Cost: $1,100 per unit

xii. COLT, LE6933, 5.56X45MM:
The Colt Enhanced Patrol Rifle is an AR-15 style rifle which utilizes a 5.56 round and is similar in appearance to the other Colt rifles.
Quantity: 17
Cost: $1,315 per unit

xiii. COLT, M4 CARBINE, 5.56X45MM:
The Colt AR15 M4 Carbine is an AR-15 style rifle which utilizes a 5.56 round and is similar in appearance to the other Colt Rifles.
Quantity: 11
Cost: $1,300 per unit

xiv. COLT, SP6920, 5.56X45MM:
The Colt SP6920 is Colt's primary M4 Carbine clone sold to civilians and law enforcement in the United States. It features a 16in. (40.6cm) barrel and is practically identical to the Colt M4 Carbines in every other way, except for the lack of fully automatic/burst fire modes.
Quantity: 13
Cost: $1,300 per unit

xv. COLT, SPORTER, .223:
The AR-15 Sporter is a semi-automatic variant of the AR-15 series of assault rifles.
Quantity: 1
Cost: $1,400 per unit

xvi. COLT, SPORTER HBAR, 5.56X45MM:
This Colt Model Sporter Match HBAR is a right-hand semi-auto tactical rifle in 5.56 NATO Cal. It has a 19.5-inch barrel plus a muzzle device. 1/9 twist. An adjustable post front sight with protective sides and an adjustable flip two position aperture rear sight.
Quantity: 1
Cost: $2,000 per unit

xvii. COLT, SPORTER LW, .223:
The AR-15 Sporter is a semi-automatic variant of the AR-15 series of assault rifles.
Quantity: 1
Cost: $1,400 per unit

xviii. HECKLER & KOCH, 53A3, 5.56X45MM:
The HK 53 is a compact rifle. The HK 53 is the short carbine variant of the HK 33 rifle. The HK 53 looks like it has similar proportions as the MP5, but the magazine well and forearm and flash hider are longer, making it a slightly longer weapon.
Quantity: 1
Cost: *No pricing available*

xix. LMT, SPM16, 5.56X45MM:
The SPM16 is an AR-15 style rifle which utilizes a 5.56 round.
Quantity: 4
Cost: $2,000 per unit

xx. LWRC, IC Enhanced, 5.56X45MM:
The IC-Enhanced with one-piece Monoforge upper design includes an integrated rail-base that is stronger and lighter. The 9" user configurable rail system with individual rail sections allow the shooter to place accessory rails where they are needed while maintaining its low profile ergonomic fit and function.
Quantity: 1
Cost: $2,500 per unit

xxi. LWRC, ICDI, 5.56X45MM:
The IC DI Pistol model combines all of the features found in full-size rifle models, including an LWRCI 10.5" cold hammer forged Ni-Corr treated heavy barrel, modular one-piece free-float standard rail and Monoforge upper receiver.
Quantity: 19
Cost: $1,500 per unit

xxii. LWRC, ICDIR5B16, 5.56X45MM:
Essentially the same as the LWRC ICDI, with slight variations based on the version and year it was produced.
Quantity: 4
Cost: $1,800 per unit

xxiii. LWRC, M61C, 5.56X45MM:
The LWRC M6IC is an AR-15/M4 platform. It has many upgrades over standard AR-15s, including a Nickel Boron trigger group, monoforge upper receiver, 7075 aluminum forging for additional strength, and type-3 hard coat anodizing.
Quantity: 36
Cost: $1,400 per unit

xxiv. LWRC, REPR M2, 7.62X51MM (LONG RIFLE):
The LWRCI Rapid Engagement Precision Rifle (R.E.P.R.) is a rifle designed to put 7.62 mm NATO rounds on target in a variety of real-world applications.
Quantity: 1
Cost: $4,200 per unit

xxv. LWRC, REPR MK11, 7.62X51MM (LONG RIFLE):
The LWRCI Rapid Engagement Precision Rifle (R.E.P.R.) is a rifle designed to put 7.62 mm NATO rounds on target in a variety of real-world applications.
Quantity: 1
Cost: $4,200 per unit

xxvi. LWRCI, ICDI, 5.56X45MM:
The ICDI is a rifle designed to put 5.56 mm rounds on target in a variety of real-world applications.
Quantity: 19
Cost: $1,700 per unit

xxvii. ROCK RIVER ARMS, LAR-15, 5.56X45MM:
An AR-15 style rifle which utilizes a 5.56 mm round.
Quantity: 58
Cost: $1,000 per unit

xxviii. SIG SAUER, WRM-400, 5.56X45MM:
The WRM-400 is an AR-15 style rifle which utilizes a 5.56 mm round.
Quantity: 7
Cost: $1,000 per unit

xxix. SPRINGFIELD ARMORY, M-14, 7.62X51MM:
This is a select fire rifle that fires the 7.62x51mm NATO round. The design is derived from the M1 Garand. The M14M is a M14 modified for semi-automatic fire only and was widely sold to US civilians.
Quantity: 1
Cost: $1,300 per unit

xxx. TRW, M-14, 7.62X51MM:
Discontinued – No manufacturer's description available
Quantity: 2
Cost: *Discontinued – No pricing available*

xxxi. WINCHESTER, M-14, 7.62X51MM:
Discontinued – No manufacturer's description available
Quantity: 1
Cost: *Discontinued – No pricing available*

AMMUNITION

i. .223 SPEER GOLD DOT LE DUTY, REMINGTON, 75 GRAIN, SOFT POINT:
Speer LE Gold Dot Duty Rifle delivers proven ammo technology to the rifle platform for each consumer. The Gold Dot bullet was the first high performance, bonded-core bullet available in handgun ammunition, and has since set the bar very high for duty ammo. These specially designed loads bring law enforcement rifle ammunition to the next level. The kind of performance that is presented with the LE Gold Dot ammunition by Speer is significantly increases the abilities of duty rifles and provides law enforcement personnel a diverse advantage when it matters most. In addition, these new loads boast outstanding feeding in short, very short and standard-length AR platforms.
Quantity: 29,543
Cost: $1.10 per round

ii. 5.56 WINCHESTER RANGER, 5.56MM, 64 GRAIN, RA556B BONDED SOLID BASE:
The Winchester Ranger 5.56mm 64gr Bonded Solid Base rifle duty ammunition has a protected soft point designed to initiate rapid and controlled expansion to quickly stop a potential threat. Its bonded lead core maximizes retained weight for consistent terminal performance through a wide range of demanding barriers. The extruded solid base design maximizes penetration even after encountering a tough barrier such as auto glass.
Quantity: 340
Cost: $1.50 per round

iii. .308 WINCHESTER RUAG SWISS P Armor Piercing (196 GRAIN):
The most accurate armor piercing round. Because the core stays intact during penetration, it transfers extremely efficient residual energy to hard targets. Extended barrel durability due to patented projectile design. Ballistics matched to the SWISS P Ball, Target, Styx Action and Tactical bullet types.
Quantity: 200
Cost: $2.30 per round

iv. .308 WINCHESTER FEDERAL GOLD MEDAL MATCH (168 GRAIN):
Federal Gold Medal 308 Winchester ammunition is new production ammo that features a 168 Grain Sierra MatchKing Hollow Point Boat Tail bullet, a non-corrosive boxer primer and the 308 Winchester ammunition is brand new never fired virgin brass casing that can be reloaded up to seven times for those shooters that reload their 308 Winchester ammunition. Sierra MatchKing Boat-tail bullet with Federal's proprietary delivery system. Federal's Gold Medal 308 Winchester ammo offers a muzzle speed of 2650 feet per second and a muzzle energy of 2619 foot pounds. Stringent manufacturing controls give you what many experts and international shooters consider the most accurate match 308 Winchester round available from a factory.
Quantity: 6,180
Cost: $1.70 per round

v. .308 WINCHESTER RUAG SWISS P STYX ACTION (167 GRAIN):
The hyper expanding hollow point bullet immediately deposits its energy within a very short distance providing excellent stopping power on soft targets and is direction stable. The sophisticated bullet tip provides a reliable hyper expansion to approximately twice the original diameter. Tight production tolerances and small production batches ensure constant ballistic values and stringent quality controls guarantee identical trajectory from batch to batch. A wide range of special purpose bullets provide the desired terminal effect on hard and soft targets on every mission. All .308 Win. SWISS P rounds have an identical point of impact at 100 m which allows the shooter to instantly change the bullet type.
Quantity: 6,520
Cost: $2.63 per round

vi. .308 WINCHESTER RUAG SWISS P TACTICAL (164 GRAIN):
The challenge is to accurately hit targets behind an angled window or wind shield without the risk of unpredictable bullet deflection. This could endanger bystanders, especially if the shooting line is not perpendicular to the window. Conventional bullets break apart or fragment when penetrating glass which makes accurate shooting impossible. At least 90% of the residual body of the SWISS P Tactical bullet stays intact and it does not fragment at all. Tight production tolerances and small production batches ensure constant ballistic values and stringent quality controls guarantee identical trajectory from batch to batch.
Quantity: 860
Cost: $6.25 PER ROUND

vii. .338 LAPUA MAGNUM RUAG SWISS P STYX ACTION (247 GRAIN):
The hyper expanding hollow point bullet immediately deposits its energy within a very short distance providing excellent stopping power on soft targets and is direction stable. The sophisticated bullet tip provides a reliable hyper expansion to approximately twice the original diameter. Tight production tolerances and small production batches ensure constant ballistic values and stringent quality controls guarantee identical trajectory from

batch to batch. A wide range of special purpose bullets provide the desired terminal effect on hard and soft targets on every mission. All .338 Lapua Mag. SWISS P rounds have an identical point of impact at 300 m which allows the shooter to instantly change the bullet type.
Quantity: 280
Cost: $5.75 per round

viii. .338 LAPUA MAGNUM RUAG SWISS P TACTICAL (250 GRAIN):
The challenge is to accurately hit targets behind an angled window or wind shield without the risk of unpredictable bullet deflection. This could endanger bystanders, especially if the shooting line is not perpendicular to the window. Conventional bullets break apart or fragment when penetrating glass which makes accurate shooting impossible. At least 90% of the residual body of the SWISS P Tactical bullet stays intact and it does not fragment at all. Tight production tolerances and small production batches ensure constant ballistic values and stringent quality controls guarantee identical trajectory from batch to batch.
Quantity: 320
Cost: $4.95 per round

ix. .338 LAPUA MAGNUM RUAG SWISS P Armor Piercing (260 GRAIN):
The most accurate Armor Piercing round the tungsten carbide core provides outstanding penetration power Temperature independent propellant guarantees a consistent point of impact Coordinated ballistics with SWISS P Ball, Target, Styx Action, and Tactical rounds up to 300 m.
Quantity: 380
Cost: $2.30 per round

b. Purpose and Authorized Use

Rifles may be deployed and utilized under specific conditions and circumstances when a potential lethal threat has been identified and personnel require the capability of a rifle to overcome the threat. These are mainly high-risk situations where precision and distance are factors as they are more accurate and effective than standard-issued department handguns. These situations include, but are not limited to:

i. Barricaded suspect(s)
ii. Felony warrant service
iii. VIP protection
iv. High-risk undercover operations
v. Armed suspects
vi. Shots fired on-scene prior to or during police response.
vii. Hostage situations
viii. Acts or threats of violence against hostages, victims, and/or deputies
ix. Active shooter incidents

Whenever possible, personnel shall obtain permission from a Patrol Supervisor or on scene Tactical Supervisor prior to deploying a patrol rifle.

c. Expected Life Span

15-20 years

d. Fiscal Impact

Estimated annual maintenance cost is $50-$100 per rifle.

e. Training

Only personnel who have completed the sixteen-hour ACSO AR-15 training course, or an equivalent POST certified training course authorized by the Regional Training Center, may be assigned to carry, and utilize the weapon. Personnel must also complete a re-certification course within twelve months of the original training course, and once a year thereafter. For those assigned to the SRU Reconnaissance Team and possess a long rifle, they must successfully complete a POST certified Basic Sniper Course and participate in documented and verifiable training on a monthly basis.

f. Legal and Procedural Rules that Govern Each Authorized Use

v. G.O. 2.45 – AR-15 Semi-Automatic Rifle Deployment
vi. G.O. 5.07 – Special Operations Group
vii. SRU P&P 3.02 – Specialized Weapons, Equipment, Munitions and Chemical Agents
viii. Rules and Regulations 3.4.31 – Ammunition
ix. PC 835a – Objectively Reasonable Force to Effect Arrest, Use of Deadly Force

Category 12 – Diversionary Devices and Chemical Agents

1. Chemical Agents and Smoke Canisters

Canisters that contain chemical agents or smoke that are released into the air when deployed.

a. Description/Capabilities, Quantity, and Cost

i. DEFENSE TECHNOLOGY, POCKET TACTICAL CANISTER, CS, #1016:
The Pocket Tactical CS Canister is small, and lightweight. The 0.9 oz. of active agent will burn approximately 20-40 seconds. At 4.75" by 1.4" size, it easily fits in most tactical pouches. This is a launchable canister; however, it is normally used as a signaling or covering device. Though this device is slightly over four inches in length, it produces a smoke cloud so fast it appears to be an enveloping screen produced by a full-size tactical canister.
Quantity: 108
Cost: $28 per unit

ii. DEFENSE TECHNOLOGY, FLAMELESS TRI-CHAMBER CS CANISTER, #1032:
The design of the Tri-Chamber Flameless CS Canister allows the contents to burn within an internal can and disperse the agent safely with reduced risk of fire. The canister is designed primarily for indoor tactical situations to detect and/or dislodge a barricaded subject. This canister will deliver approximately .70 oz. of agent during its 20-25 seconds burn time. The Tri-Chamber Flameless Canister can be used in crowd control as well as tactical deployment situations by Law Enforcement and Corrections but was designed with the barricade situation in mind. Its applications in tactical situations are primarily to detect and/or dislodge barricaded subjects. The purpose of the Tri-Chamber Flameless Canister is to minimize the risks to all parties through pain compliance, temporary discomfort, and/or incapacitation of potentially violent or dangerous subjects. The Tri-Chamber Flameless Canister provides the option of delivering a pyrotechnic chemical device indoors, maximizing the chemicals' effectiveness via heat and vaporization, while minimizing or negating the chance of fire to the structure. The Tri-Chamber Flameless Canister is NOT to be launched utilizing a launching cup.
Quantity: 50

Cost: $46.25 per unit

iii. DEFENSE TECHNOLOGY, OC/CS AEROSOL CANISTER, #1050:
Designed for indoor use, this canister contains no CFCs, is not a fire hazard and requires minimal decontamination by comparison to smoke, powders, or liquids. The Aerosol Canister is most commonly used in tactical situations by Law Enforcement and Corrections and was designed with indoor operations in mind when a non-fire producing delivery system is desired. It is most effective when used in confined areas and close to the target area. Used to minimize the risks to all parties through pain compliance, temporary discomfort and/or incapacitation of potentially violent or dangerous subjects. The Aerosol Canister is ideal for cell extractions or barricade situations where the use of pyrotechnic, powder, or liquid devices is not practical or desired. The OC and CS combination provide sufficient effects in confined areas of up to 1,500 square feet. The Aerosol Canister is not recommended for outdoor use.
Quantity: 28
Cost: $60.15 per unit

iv. DEFENSE TECHNOLOGY, OC VAPOR AEROSOL CANISTER, #1056:
The Defense Technology OC Vapor Aerosol Canister is for law enforcement and corrections use to deliver a high concentration of Oleoresin Capsicum (OC) in a powerful mist. The canister is designed for indoor use in confined areas and once deployed inflames the mucous membranes and exposed skin resulting in an intense burning sensation. The incapacitating effect of the OC Vapor on the subject is dramatic with minimal decontamination needed. Removing the subject from the affected area to fresh air will resolve respiratory effects within minutes. The OC Vapor Aerosol Canister is ideal for cell extractions or barricade situations where the use of pyrotechnic, powder, or liquid devices is not practical or desired.
Quantity: 90
Cost: $50.15 per unit

v. DEFENSE TECHNOLOGY, RIOT CONTROL CONTINUOUS DISCHARGE CANISTER, CS, #1082:
The Riot Control CS Canister is designed specifically for outdoor use in crowd control situations with a high-volume continuous burn that expels its payload in approximately 20-40 seconds through four gas ports located on the top of the canister. This canister can be used to conceal tactical movement or to route a crowd. The volume of smoke and agent is vast and obtrusive. This launchable canister is 6.0 in. by 2.35 in. and holds approximately 2.7 oz. of active agent.
Quantity: 96
Cost: $29.30 per unit

vi. DEFENSE TECHNOLOGY, MAXIMUM HC SMOKE MILITARY-STYLE CANISTER, #1083:
The Military-Style Maximum Smoke Canister comes from the Defense Technology #3 smoke canister. It is a slow burning, high volume, continuous discharge canister designed for outdoor use in crowd management situations. Emits grey-white smoke only for approximately 1.5 to 2 minutes.
Quantity: 203
Cost: $39.15

vii. DEFENSE TECHNOLOGY, STINGER 60-CALIBER RUBBER BALL CANISTER, #1087:
The Stinger Canister is a maximum effect device that delivers three stimuli for psychological and physiological effects: rubber pellets, light, and sound. The Stinger Canister is most widely used as a crowd management tool. The Rubber Ball Blast Canister is used to deliver 60 Caliber Rubber Balls with the stimuli of light and sound. The canister is most widely used as a crowd management training tool by Law Enforcement and Corrections.
Quantity: 203
Cost: $50.15 per unit

viii. DEFENSE TECHNOLOGY, HAN-BALL CANISTER, CS, #1092:
The Han-Ball CS Canister is an outdoor use canister expelling its payload in approximately 15-20 seconds. The rubber ball round has an overall size of 4.8" tall, including the fuse head, and 3.1" diameter. This launchable canister holds approximately 1.6 oz. of active agent which is expelled through three ports around the equator of the ball.
Quantity: 400
Cost: $40.75

ix. DEFENSE TECHNOLOGY, HAN-BALL CANISTER, SAF-SMOKE, #1093:
The Han-Ball Saf-Smoke Canister is fast burning high volume continuous discharge canister. The outdoor use canister expels its payload in approximately 15-20 seconds. The rubber ball round has an overall size of 4.8" tall, including the fuse head, and 3.1" diameter. This launchable canister holds approximately 1.6 oz. of active agent which is expelled through three ports around the equator of the ball.
Quantity: 215
Cost: $40.75 per unit

x. COMBINED TACTICAL SYSTEMS, CS BAFFLED CANISTER, PYRO, LOW FLAME POTENTIAL. #5230B:
Pyrotechnic canister designed for indoor use delivering a maximum amount of irritant smoke throughout multiple rooms with minimal risk of fire.
Quantity: 24
Cost: $50.00 per unit

b. Purpose and Authorized Use

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

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

Agency members are authorized to use them during the performance of their duties to protect life and property.

PC 13652 shall be followed, which describes the prohibited uses of kinetic energy projectiles and chemical agents during crowd management events.

c. Expected Life Span
5 years from manufacturing date.

d. Fiscal Impact
No annual maintenance.

e. Training
Agency members utilizing chemical agents are trained in-house by POST chemical agent instructors.

f. Legal and Procedural Rules that Govern Each Authorized Use
i. G.O. 1.05 – Use of Force
ii. G.O. 1.21 – Less Lethal Weapons System
iii. RTC P&P 9.02 – Safety Policy – Chemical Agents
iv. SRU P&P 3.02 – Specialized Weapons, Equipment, Munitions and Chemical Agents
v. SRU P&P 5.03 – Equipment Issuance, Inventory and Accountability
vi. PC 13652 – Kinetic Energy Projectiles and Chemical Agents Use Limitations

6. Light-Sound Diversionary Devices (LSDD)

A LSDD is ideal for deescalating dangerous situations without the use of a higher level of force. They are used for distracting dangerous suspects during assaults, hostage rescue, room entry, or other high-risk arrest situations.

a. Description/Capabilities, Quantity, and Cost
i. DEFENSE TECHNOLOGY, DISTRACTION DEVICE 12-GRAM RELOAD, #8901:
The Distraction Device Reload utilizes a standard military-style M201A1 type fuse and produces 175 dB of sound output at 5 feet and 6-8 million candelas for 10 milliseconds. The reload is available with and without a safety clip.
Quantity: 7
Cost: $36.75 per unit

ii. COMBINED TACTICAL SYSTEMS, MINI-BANG STEEL BODY, #7290M:
The CTS 7290M Mini Light and Sound Distraction Device exhibits all the same attributes of its larger counterpart but in a smaller and lighter package. Weighing in at just 15 ounces the 7290M is approximately 30% lighter than the 7290 but still has the same 175db output of the 7290 and produces 6-8 million candelas of light. The patented design of the 7290M, incorporates a porting system that eliminates movement of the body at detonation even if the top or bottom of the device should be in contact with a hard surface. In addition, internal adjustments have greatly reduced smoke output.
Quantity: 150
Cost: $50.96 per unit

b. Purpose and Authorized Use
To produce atmospheric over-pressure and brilliant white light and, as a result, can cause short-term (6-8 seconds) physiological/psychological sensory deprivation to give Agency members a tactical advantage. To be used in hostage and barricaded situations, high-risk

warrant services, and any other situation where their use would enhance Agency members' and hostages' safety.

c. Expected Life Span
5 years from manufacturing date.

d. Fiscal Impact
No annual maintenance.

e. Training
Agency members utilizing LSDDs are trained by POST certified instructors.

f. Legal and Procedural Rules that Govern Each Authorized Use
SRU P&P 3.02 – Specialized Weapons, Equipment, Munitions and Chemical Agents.

Category 13 – Long Range Acoustic Devices

1. Long Range Acoustic Device 100X (LRAD)

a. Description/Capabilities, Quantity, and Cost
The LRAD is a high intensity directional acoustical array for long-range, crystal-clear hailing, notification, and an unmistakable warning tone. The LRAD is primarily used as a communication device that can effectively broadcast messages through wind, engine and background noise and is able to be clearly understood even inside vehicles and some buildings. The Leading Portable Acoustic Hailing Device for On-Scene and Tactical Communications. In addition to featuring best in class broadcast voice intelligibility, the LRAD 100X is 20 – 30 decibels louder than typical bullhorns and vehicle-based P.A. systems. Live or recorded broadcasts from the portable LRAD 100X are heard above crowd and background noise to ensure every message is clearly delivered. Optimized driver and waveguide technology coupled with power efficiency ensure several hours of clear, continuous communication. The LRAD warning tone safely alerts attention to the voice messages that follow, establishes large standoff zones, and is the safer crowd control alternative to non-lethal and kinetic measures. The clear communication leads to a safer environment during critical incidents and enhances the safety of the community, criminal subjects, and law enforcement. Absent exigent circumstances and to protect a person from the threat of death or great bodily injury, the LRAD shall not be used as a weapon.
Quantity: 2
Cost: $9,754 per unit

b. Purpose and Authorized Use
The LRAD 100X is not designed to be a weapon. It is utilized to safely communicate critical instructions and emergency warning tones to people over a large distance. Only trained personnel from the Special Response Unit or Crisis Intervention Unit will deploy the LRAD 100X during tactical operations to include search warrant executions, barricaded subjects, crowd management operations, and the safe de-escalation of events surrounding subjects suffering from a mental health crisis.

c. Expected Life Span
Indefinite

d. Fiscal Impact
No annual maintenance cost.

e. Training
In-field training according to the manufacturer's instruction manual.

f. Legal and Procedural Rules that Govern Each Authorized Use
x. CIU P&P 5.01 – Inventory Control
xi. SRU P&P 3.04 – Long Range Acoustical Device

2. Long Range Acoustic Device 300X (LRAD)

a. Description/Capabilities, Quantity, and Cost
The LRAD 300X is a vehicle mounted and transported device with high intensity directional acoustical array for long-range, crystal-clear hailing, notification, and an unmistakable warning tone. The LRAD 300X broadcasts clear, authoritative voice commands and is primarily used as a communication device that can effectively broadcast messages through wind, engine and background noise and is able to be clearly understood even inside vehicles and some buildings. Live or recorded broadcasts from the LRAD 300X are heard above crowd and background noise to ensure every message is clearly delivered. Optimized driver and waveguide technology coupled with power efficiency ensure several hours of clear, continuous communication. The LRAD warning tone safely alerts attention to the voice messages that follow, establishes large standoff zones, and is the safer crowd control alternative to non-lethal and kinetic measures. The clear communication leads to a safer environment during critical incidents and enhances the safety of the community, criminal subjects, and law enforcement. Absent exigent circumstances and to protect a person from the threat of death or great bodily injury, the LRAD shall not be used as a weapon.
Quantity: 1
Cost: $10,000 per unit

b. Purpose and Authorized Use
The LRAD 300X is not designed to be a weapon. It is utilized to safely communicate critical instructions and emergency warning tones to people over a large distance. Only trained personnel from the Special Response Unit or Crisis Intervention Unit will deploy the LRAD 300X during tactical operations to include search warrant executions, barricaded subjects, crowd management operations, and the safe de-escalation of events surrounding subjects suffering from a mental health crisis.

c. Expected Life Span
Indefinite.

d. Fiscal Impact
No annual maintenance cost.

e. Training
In-field training according to the manufacturer's instruction manual.

f. Legal and Procedural Rules that Govern Each Authorized Use
xii. CIU P&P 5.01 – Inventory Control
xiii. SRU P&P 3.03 – Tactical Response Vehicles
xiv. SRU P&P 3.04 – Long Range Acoustical Device

Category 14 – Projectile Launch Platforms and Associated Munitions

1. 40MM Less Lethal Launcher and Rounds

40MM launchers are utilized by Agency members as a less lethal tool to launch impact rounds.

a. Description/Capabilities, Quantity, and Cost

i. DEFENSE TECHNOLOGY, 40MM LMT TACTICAL SINGLE LAUNCHER, EXPANDABLE STOCK, #1425:
The 40MM Single Launcher is a tactical single shot launcher that features an expandable ROGERS Super Stoc and an adjustable Integrated Front Grip (IFG) with light rail. It will fire standard 40mm less lethal ammunition, up to 4.8 inches in cartridge length. It will launch a 40MM less lethal round up to 131 feet.
Quantity: 28
Cost: $985.70 per unit

ii. PENN ARMS, GL-1 COMPACT 40MM SINGLE LAUNCHER, #L140-4:
A 40mm compact single-shot break-open frame launcher with a rifled barrel and folding stock.
Quantity: 4
Cost: $794.32 per unit

iii. DEFENSE TECHNOLOGY, FERRET 40MM LIQUID BARRICADE PENETRATOR ROUND, CS, #2262:
Used primarily by tactical teams, it is designed to penetrate barriers, such as windows, hollow core doors, wallboard, and thin plywood. Upon impacting the barrier, the nose cone ruptures and instantaneously delivers a small chemical payload inside of a structure or vehicle. In a tactical deployment situation, the 40mm Ferret is primarily used to dislodge barricaded subjects from confined areas. Its purpose is to minimize the risks to all parties through pain compliance, temporary discomfort and/or incapacitation of potentially violent or dangerous subjects.
Quantity: 100
Cost: $28.15

iv. DEFENSE TECHNOLOGY, FERRET 40MM POWDER BARRICADE ROUND, CS, #2292:
The Ferret 40mm Barricade Penetrating Round is filled with a CS powder chemical agent. It is a frangible projectile that is spin stabilized utilizing barrel rifling. It is non-burning and designed to penetrate barriers. Primarily used to dislodge barricaded subjects, it can also be used for area denial. Primarily used by tactical teams, it is designed to penetrate barriers, such as windows, hollow core doors, wallboard, and thin plywood. Upon impact the nose ruptures and instantaneously delivers the agent payload inside a structure or vehicle.
Quantity: 100
Cost: $27.85 per unit

v. DEFENSE TECHNOLOGY, 40MM AERIAL WARNING/SIGNALING MUNITION WITH OC, 100 METERS WITH PAYLOAD, #6029OC:
The 40mm Warning/Signaling Muniton will produce 170 dB of sound and 5 million candelas of light. This munition has an operational range of 100 meters. Launched from a 40 mm platform, this munition gives the operator the ability to engage people, vehicles, or vessels from a safe stand-off position. In open waters, the flash and sound are easily observable at great distances.
Quantity: 10
Cost: $45.60 per unit

vi. DEFENSE TECHNOLOGY, MUZZLE BLAST 40MM ROUND, CS, #6042:
The 40mm Muzzle Blast CS Round is widely used as a crowd management tool for the immediate and close deployment. It can also be employed in tactical operations such as barricaded subjects, room clearing, area denial, and for small space contamination, and a means of contaminating crawl spaces and attics. As a pain compliance round it is an excellent device for deploying chemical-laden CS powder at close ranges for indoor or outdoor operations. The cloud of agent is very effective in filling holes in dispersals lines or engaging crowds at close distances.
Quantity: 79
Cost: $26.75 per unit

vii. DEFENSE TECHNOLOGY, MULTIPLE RUBBER BATON ROUND 40MM, #6064:
The 40mm Multiple Rubber Baton Round is designed for direct use against an individual who presents an immediate threat of serious bodily harm to others. It is not used for crowd control under normal circumstances. The round contains multiple rubber projectiles and uses smokeless powder as the propellant. This munition delivers controlled, focused impact with minimal spread, providing an effective intermediate option to stop violent subject while reducing the likelihood of deadly force. It utilizes smokeless powder as the propellant and has more consistent velocities and tighter patterns compared to its 37 mm black powder counterpart.
Quantity: 340
Cost: $28.10 per unit

viii. DEFENSE TECHNOLOGY, MULTIPLE WOOD BATON ROUND 40MM, #6098:
The 40mm Multiple Wood Baton Round is utilized to breach glass surfaces such as vehicle and residential windows during tactical operations. It is not deployed for crowd control or used against individuals. The round contains three wooden projectiles and uses smokeless powder as the propellant. This munition enables deputies to gain visual access to enclosed spaces, assisting in de-escalation and reducing the potential for lethal force. The round contains three wooden projectiles. It utilizes smokeless powder as the propellant and has more consistent velocities and tighter patterns compared to its 37 mm black powder counterpart.
Quantity: 70
Cost: $27.05 per unit

ix. DEFENSE TECHNOLOGY, EXACT IMPACT 40MM STANDARD RANGE SPONGE ROUND, #6325:
The eXact iMpact 40mm Sponge Round is a point-of-aim, point-of-impact direct-fire round. This lightweight, high-speed projectile consists of a plastic body and sponge nose that is spin stabilized via the incorporated rifling collar and the 40 mm launcher's rifled barrel. The round utilizes smokeless powder as the propellant, and, therefore, has

velocities that are extremely consistent. Used for Crowd Control, Patrol, and Tactical Applications.
Quantity: 1,000
Cost: $28.65 per unit

x. COMBINED TACTICAL SYSTEMS, 40MM CS LIQUID BARRICADE, SPIN STABILIZED, 4.1" LONG, #4330:
Liquid CS filled projectile penetrates intermediate barriers and delivers irritant agents into an adjacent room.
Quantity: 100
Cost: $29.70 per unit

xi. COMBINED TACTICAL SYSTEMS, 40MM CS POWDER BARRICADE, SPIN STABILIZED, 4.1" LONG, #4431:
CS powder filled projectile penetrates intermediate barriers and delivers irritant agents into an adjacent room.
Quantity: 100
Cost: $31.90 per unit

b. Purpose and Authorized Use

To de-escalate potentially dangerous situations and provide an alternative to higher levels of force when reasonable and authorized. Situations for use of the less lethal weapon system may include, but are not limited to:

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

Agency members are authorized to use them during the performance of their duties to protect life and property.

PC 13652 shall be followed, which describes the prohibited uses of kinetic energy projectiles and chemical agents during crowd management events.

c. Expected Life Span

5 years

d. Fiscal Impact

No annual maintenance

e. Training

Agency members utilizing chemical agents are trained by POST less lethal instructors in a POST approved course.

f. Legal and Procedural Rules that Govern Each Authorized Use

i. G.O. 1.05 – Use of Force
ii. G.O. 1.21 – Less Lethal Weapons System
iii. RTC P&P 9.02 – Safety Policy – Chemical Agents
iv. SRU P&P 3.02 – Specialized Weapons, Equipment, Munitions and Chemical Agents
v. SRU P&P 5.03 – Equipment Issuance, Inventory and Accountability
vi. PC 13652 – Kinetic Energy Projectiles and Chemical Agents Use Limitations

2. FN 303 Less Lethal Launcher and Projectiles

a. Description/Capabilities, Quantity, and Cost

i. FN 303 LESS LETHAL LAUNCHER:

A less lethal launcher that uses compressed air to fire .68 caliber projectiles. It is designed to cause blunt trauma without causing critical injuries.
Quantity: 25
Cost: $1,500 per unit

ii. FN 303 PROJECTILES:

Completely dedicated to reducing lethality, the basis of the FN 303 concept lies in its unique projectiles. These .68 caliber, 8.5-gram projectiles utilize a fin-stabilized polystyrene body and a non-toxic bismuth forward payload to provide more accuracy and greater effective range than other less lethal systems. The primary effect of the projectile is trauma, which directly neutralizes the aggressor.

1. WASHABLE PAINT (VARIOUS COLORS):
   This projectile is intended for training and for marking suspects and objects with a washable colorant.
   Quantity: 6,000
   Cost: $2.09 per round

2. PAVA/OC:
   This projectile is intended as an irritant for individual suspects, point-specific targets, or small-area denial. The active ingredient is 0.5% PAVA/OC in a powder form for ease of storage, deployment, and clean-up.
   Quantity: 1,200
   Cost: $3.50 per round

3. CLEAR:
   This projectile is intended for training, point-specific impact, or suspect distraction.
   Quantity: 1,200
   Cost: $2.09 per round

4. INDELIBLE PAINT:
   This projectile is intended for marking suspects and objects with an indelible colorant for later identification, arrest, or questioning.
   Quantity: 2,000
   Cost: $2.15 per round

b. Purpose and Authorized Use

To de-escalate potentially dangerous situations and provide an alternative to higher levels of force when reasonable and authorized. Situations for use of the less lethal weapon system may include, but are not limited to:

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

Agency members are authorized to use them during the performance of their duties to protect

life and property.

PC 13652 shall be followed, which describes the prohibited uses of kinetic energy projectiles and chemical agents during crowd management events.

c. Expected Life Span

FN 303 Less Lethal Launcher – Indefinite
FN 303 Projectiles – 5 years from manufacturing date

d. Fiscal Impact

Estimated annual maintenance cost is $400 for miscellaneous parts.

e. Training

Agency members utilizing chemical agents are trained by POST less lethal instructors in a POST approved course.

f. Legal and Procedural Rules that Govern Each Authorized Use

i. G.O. 1.05 – Use of Force
ii. G.O. 1.21 – Less Lethal Weapons System
iii. D&C P&P 8.23 – Santa Rita Jail-Control of Firearms, Weapons, Ammunition and Armory
iv. RTC P&P 9.02 – Safety Policy-Chemical Agents
v. SRU P&P 3.02 – Specialized Weapons, Equipment, Munitions and Chemical Agents
vi. PC 13652 – Kinetic Energy Projectiles and Chemical Agents Use Limitations

3. PepperBall Less Lethal Launcher and Projectiles

a. Description/Capabilities, Quantity, and Cost

i. PEPPERBALL TAC-SA PRO LESS LETHAL LAUNCHER:
A less-lethal launcher designed to fire .68 caliber pepper balls. This system utilizes compressed air or CO2 to propel projectiles containing chemical irritants. It is effective for crowd control, individual incapacitation, and deterrence, and can be used in various operational scenarios.
Quantity: 25
Cost: $954 per unit

ii. PEPPERBALL VSK PRO PLUS, LESS-LETHAL LAUNCHER:
The PepperBall VKS Pro Plus is a less-lethal launcher designed to fire .68 caliber projectiles. It operates using compressed air or CO_2 and offers the flexibility of either magazine or hopper feed systems. Effective at extended ranges, the VKS Pro Plus provides officers with a safe and reliable tool for managing confrontational situations while minimizing the risk of serious injury. It is intended for controlled applications such as area security, crowd management, suspect compliance, and de-escalation during high-risk incidents.
Quantity: 8
Cost: $1,610 per unit

iii. PEPPERBALL PROJECTILES:
PepperBall projectiles are .68 caliber rounds designed for use with approved PepperBall launchers. Depending on the projectile type, they may contain PAVA irritant powder, marking material, inert training material, or other approved payloads.

1. PEPPERBALL LIVE X-PROJECTILE:
This projectile contains a concentration of 5% Pava powder and is contained in a hard plastic frangible sphere designed to burst upon impact. The projectile is excellent for direct impact, area saturation and crowd management. This projectile is intended as an irritant for individual suspects, point-specific targets, or small-area denial.
Quantity: 6,000
Cost: $3.31 per round

2. PEPPERBALL MARKING PROJECTILE:
This projectile is intended for marking suspects and objects with an indelible pink paint solution for later identification, apprehension, or questioning.
Quantity: 6,000
Cost: $0.89 per round

3. PEPPERBALL INERT PROJECTILE:
It is intended for training, qualifications, and direct impact. This projectile is a hard plastic frangible sphere that is designed to burst upon impact.
Quantity: 6,000
Cost: $0.67 per round

4. PEPPERBALL, VXR LIVE-MAXX PROJECTILES: The PepperBall VXR Live-Maxx projectile is a .68 caliber round designed for extended distance and improved accuracy. Each projectile contains a chemical irritant payload and is intended as a less-lethal force option during critical incidents. The VXR provides officers with the ability to maintain safer engagement distances while supporting controlled applications such as suspect compliance, area security, and crowd management, all while minimizing the risk of serious injury.
Quantity: 1,000
Cost: $2.98 per round

5. PEPPERBALL, VXR MARKING PROJECTILE: The PepperBall VXR Marking projectile is a .68 caliber round designed for extended range and accuracy. Instead of a chemical payload, it contains an indelible pink paint solution. This projectile is intended for marking suspects and objects for later identification, apprehension, or questioning. It also supports operational uses such as marking doors, openings, or other areas for visibility. The VXR Marking projectile provides a non-lethal option that aids in identification and scene management without the use of chemical agents.
Quantity: 1,000
Cost: $3.84 per round

6. PEPPERBALL, JAMMER ROUND PROJECTILE: The PepperBall Jammer projectile is a .68 caliber round containing a metallic powder compound. On impact, it creates a temporary cloud of metallic particles designed to block sensors such as CCTV, LIDAR, and FLIR. This round provides officers with a non-lethal option to obscure electronic monitoring devices during controlled operations. It is intended to enhance

officer safety and operational security in high-risk situations while minimizing the risk of permanent damage.
Quantity: 500
Cost: $3.80 per round

7. PEPPERBALL, GLASS BREAKER PROJECTILE: The PepperBall Glass Breaker projectile is a .68 caliber solid polymer round designed to fracture glass on impact. It can be used to break residential windows or vehicle side glass when necessary. This provides officers with a non-lethal breaching option during critical incidents, supporting timely access and enhancing public and officer safety.
Quantity: 500
Cost: $2.50 per round

b. Purpose and Authorized Use

To de-escalate potentially dangerous situations and provide an alternative to higher levels of force when reasonable and authorized. Situations for use of the less lethal weapon system may include, but are not limited to:

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

Agency members are authorized to use them during the performance of their duties to protect life and property.

PC 13652 shall be followed, which describes the prohibited uses of kinetic energy projectiles and chemical agents during crowd management events.

c. Expected Life Span

PepperBall Less Lethal Launcher – Indefinite
PepperBall Projectiles – 5 years from manufacturing date

d. Fiscal Impact

Estimated annual maintenance cost is $400 for miscellaneous parts.

e. Training

Agency members utilizing chemical agents are trained by POST less lethal instructors in a POST approved course.

g. Legal and Procedural Rules that Govern Each Authorized Use

i. G.O. 1.05 – Use of Force
ii. G.O. 1.21 – Less Lethal Weapons System
iii. D&C P&P 8.23 – Santa Rita Jail-Control of Firearms, Weapons, Ammunition and Armory
iv. RTC P&P 9.02 – Safety Policy-Chemical Agents
v. SRU P&P 3.02 – Specialized Weapons, Equipment, Munitions and Chemical Agents
vi. PC 13652 – Kinetic Energy Projectiles and Chemical Agents Use Limitations

4. Launching Cup

a. Description/Capabilities, Quantity, and Cost

A 12-gauge gas launching cup that allows less lethal munitions to be launched from a 12-gauge shotgun when attached.
Quantity: 1
Cost: $200

b. Purpose and Authorized Use

Used during barricaded situations and search warrants, at the discretion of the on-scene Incident Commander.
PC 13652 shall be followed, which describes the prohibited uses of kinetic energy projectiles and chemical agents during crowd management events.

c. Expected Life Span

Indefinite

d. Fiscal Impact

Estimated annual maintenance cost is $200 for miscellaneous parts.

e. Training

Users are certified in the use of the shotguns and certified in the deployment of chemical agents.

f. Legal and Procedural Rules that Govern Each Authorized Use

i. G.O. 1.05 – Use of Force
ii. G.O. 1.21 – Less Lethal Weapons System
iii. SRU P&P 3.02 – Specialized Weapons, Equipment, Munitions and Chemical Agents
iv. RTC P&P 9.02 – Safety Policy-Chemical Agents
v. PC 13652 – Kinetic Energy Projectiles and Chemical Agents Use Limitations

****Unless otherwise indicated, all above costs are per item**