

APPENDIX A

AB 481 Compliance Inventory



- 1.0 Unmanned Aerial Systems (UAS) and Robots**
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- 3.0 Explosive Breaching Apparatus / Breaching Munitions**
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1.0 Unmanned Aerial Systems (UAS) and Robots	
UAS - EVO 2	
Description	Unmanned Aircraft Systems (UAS) manufactured by Autel
Quantity	1
Capability	UAS can support first responders in any hazardous incident which would benefit from an aerial perspective. These uses could include search and rescue, barricaded suspects or high-risk tactical operations, disaster response, and video and photographic documentation of crime scenes.
Lifespan	Approximately 5 years
Manufacturer's Description	Superior image quality in low-and limited-lighting conditions supporting video resolutions up to 6K with greater dynamic range, and stronger noise reduction, the EVO II Pro uses Sony's latest generation of supersensitive CMOS sensor to achieve impressive low-light photography. The EVO II Pro's advanced camera settings include an adjustable aperture range of f2.8 to f11 and a maximum ISO of 12,800 enabling the photographer to produce images of exceptional precision and sharpness.
Purpose & Use	Primarily to provide aerial support to first responders. 0 flights logged.
Training Required	The training requirements for the operation of a UAS are outlined in P&P Volume III, Section 915.11
Authorized Uses	Uses for the UAS include but are not limited to: Searches (i.e. for an outstanding suspect, article search, public safety hazard), video/photographs for investigative support, HAZMAT response, search and rescue, missing persons, barricaded persons, traffic collision investigations, Overwatch for officers and SWAT operations, disaster response, and special events.
Fiscal Impact	Initial Cost: \$9,998.00
	Recurring Costs: None
	Maintenance Costs: ~ \$100
	Year Obtained: 2018
	Funding Source: General Funds
Complaints Concerns Violations	0

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UAS - MAVIC MINI	
Description	Small Unmanned Aircraft Systems sUAS manufactured by DJI
Quantity	7
Capability	UAS can support first responders in any hazardous incident which would benefit from an aerial perspective. These uses could include search and rescue, barricaded suspects or high-risk tactical operations, disaster response, and video and photographic documentation of crime scenes.
Lifespan	Approximately 5 years
Manufacturer's Description	Superior image quality in low and limited lighting conditions supporting video resolutions up to 6K with greater dynamic range, and stronger noise reduction, the EVO II Pro uses Sony's latest generation of supersensitive CMOS sensor to achieve impressive low-light photography. The EVO II Pro's advanced camera settings include an adjustable aperture range of f2.8 to f11 and a maximum ISO of 12,800 enabling the photographer to produce images of exceptional precision and sharpness.
Purpose & Use	Primarily to provide aerial support to first responders. Also used to safely search the interior of buildings or other structures as a safer alternative to inserting police personnel. 0 flights logged.
Training Required	The training requirements for the operation of a UAS are outlined in P&P Volume III, Section 915.11
Authorized Uses	Uses for the UAS include but are not limited to: Searches (i.e. for an outstanding suspect, article search, public safety hazard), video/photographs for investigative support, HAZMAT response, search and rescue, missing persons, barricaded persons, traffic collision investigations, Overwatch for officers and SWAT operations, disaster response, and special events.
Fiscal Impact	Initial Cost: \$600.00 each
	Recurring Costs: None
	Maintenance Costs: ~ \$100
	Year Obtained: 2021
	Funding Source: General Funds
Complaints Concerns Violations	0

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UAS - EVO II -PRO	
Description	Unmanned Aircraft Systems (UAS) manufactured by Autel
Quantity	1
Capability	UAS can support first responders in any hazardous incident which would benefit from an aerial perspective. These uses could include search and rescue, barricaded suspects or high-risk tactical operations, disaster response, and video and photographic documentation of crime scenes.
Lifespan	Approximately 5 years
Manufacturer's Description	Superior image quality in low-and limited-lighting conditions supporting video resolutions up to 6K with greater dynamic range, and stronger noise reduction, the EVO II Pro uses Sony's latest generation of supersensitive CMOS sensor to achieve impressive low-light photography. The EVO II Pro's advanced camera settings include an adjustable aperture range of f2.8 to f11 and a maximum ISO of 12,800 enabling the photographer to produce images of exceptional precision and sharpness.
Purpose & Use	Primarily to provide aerial support to first responders. 14 flights used to assist investigators during traffic investigations.
Training Required	The training requirements for the operation of a UAS are outlined in P&P Volume III, Section 915.11
Authorized Uses	Uses for the UAS include but are not limited to: Searches (i.e. for an outstanding suspect, article search, public safety hazard), video/photographs for investigative support, HAZMAT response, search and rescue, missing persons, barricaded persons, traffic collision investigations, overwatch for officers and SWAT operations, disaster response, and special events.
Fiscal Impact	Initial Cost: \$2,000.00
	Recurring Costs: None
	Maintenance Costs: ~ \$100
	Year Obtained: 2021
	Funding Source: General Funds
Complaints Concerns Violations	0

UAS - Anafi Thermal	
Description	Unmanned Aircraft Systems (UAS) manufactured by Anafi
Quantity	1
Capability	UAS can support first responders in any hazardous incident which would benefit from an aerial perspective. These uses could include search and rescue, barricaded suspects or high-risk tactical operations, disaster response, and video and photographic documentation of crime scenes.
Lifespan	Approximately 5 years

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Manufacturer's Description	To balance the resolutions of the thermal image and visible image, and therefore benefit from information not visible in thermal, the displayed image is a fusion of the information from the two cameras. Stabilized on three axes, the optical unit of ANAFI Thermal combines an infrared sensor to the electro-optics, making it possible to identify temperatures between -10° and +400°. Thanks to the FLIR Lepton 3.5 module, it is possible to set the absolute temperature of each pixel.
Purpose & Use	Primarily to provide aerial support to first responders. Also used to safely search the interior of buildings or other structures as a safer alternative to inserting police personnel. 0 logged flights.
Training Required	The training requirements for the operation of a UAS are outlined in P&P Volume III, Section 915.11
Authorized Uses	Uses for the UAS include but are not limited to: Searches (i.e. for an outstanding suspect, article search, public safety hazard), video/photographs for investigative support, HAZMAT response, search and rescue, missing persons, barricaded persons, traffic collision investigations, overwatch for officers and SWAT operations, disaster response, and special events.
Fiscal Impact	Initial Cost: \$7,000.00
	Recurring Costs: None
	Maintenance Costs: ~ \$100
	Year Obtained: 2021
	Funding Source: General Funds
Complaints Concerns Violations	0

UAS - DJI Matrice M30T	
Description	Unmanned Aircraft Systems (UAS) manufactured by DJI
Quantity	2
Capability	UAS can support first responders in any hazardous incident which would benefit from an aerial perspective. These uses could include search and rescue, barricaded suspects or high-risk tactical operations, disaster response, and video and photographic documentation of crime scenes.
Lifespan	Approximately 5 years
Manufacturer's Description	DJI Matrice M30T platform, which boasts a maximum 40+ minute flight time, 9.3 mile/15km maximum operating range, 33mph wind resistance, omnidirectional object avoidance system, and IP55 weatherproof rating. The M30T has a highly advanced camera payload system, which contains a 640x512 high-resolution thermal camera, a 20MP RGB camera with 23x zoom capabilities, a 12MP wide-angle RGB camera, and a laser rangefinder system effective from 0.75 miles/1200m away.
Purpose & Use	Primarily to provide aerial support to first responders. 513 Flights; most flights were in support of calls for service that resulted in UAS assistance.

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Training Required	The training requirements for the operation of a UAS are outlined in P&P Volume III, Section 915.11
Authorized Uses	Uses for the UAS include but are not limited to: Searches (i.e. for an outstanding suspect, article search, public safety hazard), video/photographs for investigative support, HAZMAT response, search and rescue, missing persons, barricaded persons, traffic collision investigations, Overwatch for officers and SWAT operations, disaster response, and special events.
Fiscal Impact	Initial Cost: \$28,084
	Recurring Costs: None
	Maintenance Costs: ~ \$100
	Year Obtained: 2022
	Funding Source: General Funds
Complaints Concerns Violations	0

UAS - Elistair Orion 2	
Description	Unmanned Tethered Aircraft Systems (UAS) manufactured by Elistair
Quantity	1
Capability	UAS can support first responders in any hazardous incident which would benefit from an uninterrupted aerial perspective. These uses could include search and rescue, barricaded suspects or high-risk tactical operations, disaster response, video and photographic documentation of crime scenes, and overwatch.
Lifespan	Approximately 5 years
Manufacturer's Description	Elistair Orion 2 with T-2 tethered platform, which boasts a maximum 50-hour continuous flight time, utilizing the T-2 microfilament tether and ground station, 23mph wind resistance, and an IP54 weatherproof rating. The Elistair Orion 2 has a highly advanced camera payload system, which contains a 640x480 high-resolution thermal camera, with a 640 x 480 GHz IR sensor, an X30 camera with 30x zoom capabilities, a Sony FCB EV7520A Electro-Optical (EO) sensor, all mounted on an XDM 3 axes day/night gimbal.
Purpose & Use	Primarily to provide aerial support to first responders during large scale events. 11 Flights for this item; all training flights.
Training Required	The training requirements for the operation of a UAS are outlined in P&P Volume III, Section 915.11
Authorized Uses	Uses for the UAS include but are not limited to: Safety monitoring of large scale events. Searches (i.e. for an outstanding suspect, article search, public safety hazard), video/photographs for investigative support, HAZMAT response, search and rescue, missing persons, barricaded persons, traffic collision investigations, Overwatch for officers and SWAT operations, disaster response, and special events.

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Fiscal Impact	Initial Cost: \$235,709
	Recurring Costs: None
	Maintenance Costs: included
	Year Obtained: 2023 (pending delivery)
	Funding Source: UASI 2021 grant
Complaints Concerns Violations	0

UAS - DJI Avata	
Description	Unmanned Aircraft Systems (UAS) manufactured by DJI
Quantity	2
Capability	UAS can support first responders in any hazardous incident which would benefit from an aerial perspective. These uses could include search and rescue, barricaded suspects or high-risk tactical operations, disaster response, and video and photographic documentation of crime scenes.
Lifespan	Approximately 5 years
Manufacturer's Description	The DJI Avata aircraft body is small, lightweight, and portable, making it flexible to fly in various scenarios. It also comes with a built-in propeller guard to further improve flight safety and durability. The FOV of the Avata has been expanded to 155 degrees compared with 84 degrees of ordinary camera drones.
Purpose & Use	Primarily used to safely search the interior of buildings or other structures as a safer alternative to inserting police personnel. 14 flights with this item used for interior searches during warrant services.
Training Required	The training requirements for the operation of a UAS are outlined in P&P Volume III, Section 915.11
Authorized Uses	Uses for the UAS include but are not limited to: Searches (i.e. for an outstanding suspect, article search, public safety hazard), video/photographs for investigative support, HAZMAT response, search and rescue, missing persons, barricaded persons, traffic collision investigations, Overwatch for officers and SWAT operations, disaster response, and special events.
Fiscal Impact	Initial Cost: \$2,776.
	Recurring Costs: None
	Maintenance Costs: ~ \$100
	Year Obtained: 2023
	Funding Source: General Funds
Complaints Concerns Violations	0

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Robot - AVATAR 3	
Description	An unmanned tracked robot capable of being remotely controlled.
Quantity	1
Capability	Quickly and easily deployable. Navigates various terrain including stairs, sand, clothing, grass, etc. Two way audio. Video recording capability.
Lifespan	Varies on operational usage and wear.
Manufacturer's Description	<p>The AVATAR enhances the capabilities of SWAT and tactical response teams by allowing them to quickly and safely inspect dangerous situations, there is no longer a need to send personnel in before you've had a chance to assess the situation.</p> <p>The AVATAR saves lives by keeping first responders out of harm's way, and it does so at a fraction of the price of other robots. The AVATAR Robots are regarded by tactical teams as a standard operational tool, like a firearm, vehicle, or piece of body armor.</p> <p>Departments across the United States and internationally are using the AVATAR Robots. With the AVATAR's market beating affordability and ease of use, so can you.</p>
Purpose & Use	Primarily used to safely search the interior of buildings or other structures as a safer alternative to inserting police personnel. We had 0 deployments of this equipment during this period.
Training Required	In service training.
Authorized Uses	Primarily used by the SWAT when needed to search the interior of a building or structure. Can also be used to communicate with person(s) inside said building or structure if needed.
Fiscal Impact	<p>Initial Cost: \$60,000.00</p> <p>Recurring Costs: None</p> <p>Maintenance Costs: \$1,027 in 2021</p> <p>Year Obtained: 2015</p> <p>Funding Source: General Funds</p>
Complaints Concerns Violations	0

2.0 Armored Personnel Carriers /Command and Control Vehicles	
Lenco BearCat (4 Door Model)	
Description	Armored Rescue Vehicle (ARV) on a Ford F-550 chassis capable of providing high-level ballistic protection, cover, limited breaching capability, and transport of officers and rescuing civilians at critical incidents and high-risk tactical operations.
Quantity	1

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Capability	ARVs can support first responders in any hazardous, high risk, or critical incident which would benefit from having a vehicle that provides a high level of ballistic protection.
Lifespan	20 years or more depending on operational useage and maintenance.
Manufacturer's Decription	The Lenco BearCat G2 is the standard tactical armored vehicle for special operations units within the US Law Enforcement community. Since the early 2000s, agencies such as LAPD, LASD SEB, NYPD ESU, Boston PD, and hundreds of Federal, State and Local Law Enforcement agencies have made the BearCat G2 part of their standard operating procedure. The G2 has excellent on-road driving characteristics and maneuverability in tight urban settings. The large floor plan seats 10 – 12 fully equipped officers with a long list of tactical features only found on the Lenco BearCat line of armored SWAT vehicles for Police and Government.
Purpose & Use	This vehicle is a purpose built ARV whose designed and intended purpose was for use by law enforcement. This platform is an industry standard throughout the country. We had 19 deployments of the rescue vehicle during this period. Most were for pre-planned SWAT missions but it was also used for patrol deployments.
Training Required	No additional training or special operating license is required to conduct the basic operations of this vehicle.
Authorized Uses	This vehicle is utilized to address incidents that may require this additional level of ballistic protection in the field. This vehicle is also utilized in the promotion of the Police Department in static displays and demonstrations to the community.
Fiscal Impact	Initial Cost: \$226,885
	Recurring Costs: Additional repair and upgrade expenses as needed based on utilization
	Maintenance Costs: \$2,000 annually
	Year Obtained: 2012
	Funding Source: FY 2010 Urban Area Security Initiative (UASI) Grant to purchase, Maintenance costs from general fund.
Complaints Concerns Violations	0

Mobile Command Vehicle (MCV)	
Description	MCV on a Freightliner MT55 chassis, custom designed and built for the Oceanside Police Department to manage critical incidents and various large-scale events throughout the city of Oceanside.
Quantity	0

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Capability	The MCV facilitates command and control capabilities when managing critical incidents, and long-term special events; provides improved communications and situational awareness for on-scene supervision and command; facilitates on-scene coordination of critical incidents and special events; provides a secure area to conduct investigations and crisis response; provides for a temporary dispatch center in the event the police station is disabled; utilized in the promotion of the Police Department in static displays and demonstrations to the community.
Lifespan	20 years or more depending on operational usage and maintenance.
Manufacturer's Description	None Available. This vehicle was a custom built vehicle for the Oceanside Police Department.
Purpose & Use	This vehicle is a purpose built MCV whose design and intended purpose was for use by law enforcement. This platform's purpose is to provide the listed capabilities above. 0 deployments during this period.
Training Required	This vehicle requires a California Driver's License with a Class "B" endorsement to drive. Those assigned to drive this vehicle are provided training within the department in its safe operation and deployment.
Authorized Uses	This vehicle is used at special events, community outreach events, and as the command and control platform for large-scale events, checkpoints, and critical incidents.
Fiscal Impact	Initial Cost: \$574,000 Recurring Costs: Additional repair and upgrade expenses as needed based on utilization, and technology improvements. Maintenance Costs: \$4,000 annually Year Obtained: 2009 Funding Source: Asset Forfeiture Fund (\$374,000) and Comprehensive Traffic Safety Fund (\$200,000)
Complaints Concerns Violations	0

Crisis Negotiations Team (CNT) Vehicle	
Description	The CNT Vehicle is a box van on a Ford E-450 chassis, custom designed and built for the Oceanside Police Department to provide a mobile secure platform for the Crisis Negotiations Team to conduct negotiations strategically. It was also built with the capability to manage critical incidents and various large scale events throughout the city of Oceanside.
Quantity	1

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Capability	The CNT Vehicle provides a mobile and secure location to strategize and conduct negotiations; it provides command and control capabilities when managing critical incidents; provides improved communications and situational awareness for on-scene supervision and command; facilitates on-scene coordination of critical incidents; provides a secure area to conduct investigations and crisis response; utilized in the promotion of the Police Department in static displays and demonstrations to the community.
Lifespan	20 years or more depending on operational usage and maintenance.
Manufacturer's Description	None Available. This vehicle was a custom built vehicle for the Oceanside Police Department.
Purpose & Use	This vehicle is a purpose built CNT vehicle whose design and intended purpose was for use by law enforcement. This platform's purpose is to provide the listed capabilities above. This vehicle was deployed 15 times; predominantly for pre-planned warrants.
Training Required	No additional training or special operating license is required to conduct the basic operations of this vehicle.
Authorized Uses	This vehicle is used at special events, community outreach events, and as the command and control platform for large scale events, checkpoints and critical incidents.
Fiscal Impact	Initial Cost: \$160,000 Recurring Costs: Additional repair and upgrade expenses as needed based on utilization, and technology improvements. Maintenance Costs: \$2,000 annually Year Obtained: 2016 Funding Source: General Funds
Complaints Concerns Violations	0

3.0 Explosive Breaching Apparatus / Breaching Munitions

Detonators	
Description	Orica Exel MS Blasting Caps
Quantity	137
Capability	Explosive breaching, the use of explosive materials to affect a breach, can be an effective option in SWAT Unit tactics. An explosive breach is a cutting tool. An effective breach is designed to use the least amount of explosive material to accomplish the goal. An effective explosive breach can defeat fortified doors, walls, and barriers. Effective breaching techniques allow tactical officers immediate entry with minimal risk to victims, officers, and suspects.
Lifespan	Consumable item replaced as needed.

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Manufacturer's Description	SAFE, RELIABLE AND EASY-TO-USE NON-ELECTRIC DETONATORS High-strength non-electric detonators with millisecond(MS) delay intervals Widest range of timing delays with 0 to 9500 milliseconds Exel™ shock tube is highly abrasion-resistant Suitable for use with Orica Pentex™ boosters and Orica packaged explosives
Purpose & Use	This is a component of an explosive breaching device. 0 uses during this period.
Training Required	Basic SWAT School; Explosive Breaching Course (POST approved)
Authorized Uses	Used as a method to gain entry to a structure when lawful to do so.
Fiscal Impact	Initial Cost: \$550.00 for a case of 30
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2000-Present
	Funding Source: General funds
Complaints Concerns Violations	0

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Detonating Cord - 25 grain	
Description	Austin Powder Company A-Cord 25 grain Detonating Cord
Quantity	750 linear feet
Capability	Explosive breaching, the use of explosive materials to affect a breach, can be an effective option in SWAT Unit tactics. An explosive breach is a cutting tool. An effective breach is designed to use the least amount of explosive material to accomplish the goal. An effective explosive breach can defeat fortified doors, walls, and barriers. Effective breaching techniques allow tactical officers immediate entry with minimal risk to victims, officers, and suspects.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	Austin Powder manufactures a wide variety of detonating cords to meet the requirements of the mining, quarrying, and construction industries. A detonating cord is used to initiate detonator-sensitive commercial explosives such as cast boosters, dynamites, and emulsions. A detonating cord is also used to provide a path of initiation to non-electric detonators. Detonating cord has a core of PETN (pentaerythritol tetranitrate) encased in multiple polypropylene yarns, over-extruded with a <u>polyethylene jacket and high-strength textile yarns</u>
Purpose & Use	This is a component of an explosive breaching device. 0 uses during this period.
Training Required	Basic SWAT School; Explosive Breaching Course (POST approved)
Authorized Uses	Used as a method to gain entry to a structure when lawful to do so.
Fiscal Impact	Initial Cost: \$ 775.00 for 1000 ft roll
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2005-Present
	Funding Source: General funds
Complaints Concerns Violations	0

Detonating Cord - 50 grain	
Description	Orica Cordtex XTL NC detonating Cord 50 grain
Quantity	1050 linear feet
Capability	Explosive breaching, the use of explosive materials to affect a breach, can be an effective option in SWAT Unit tactics. An explosive breach is a cutting tool. An effective breach is designed to use the least amount of explosive material to accomplish the goal. An effective explosive breach can defeat fortified doors, walls, and barriers. Effective breaching techniques allow tactical officers immediate entry with minimal risk to victims, officers and suspects.
Lifespan	Consumable item replaced as needed.

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Manufacturer's Description	Cordtex™ XTL NC consists of a continuous core of PETN powder encased by high-strength textiles. This is covered by a seamless plastic jacket. It is designed to maintain stability under all but the most demanding conditions.
Purpose & Use	This is a component of an explosive breaching device. 0 uses during this period.
Training Required	Basic SWAT School; Explosive Breaching Course (POST approved)
Authorized Uses	Used as a method to gain entry to a structure when lawful to do so.
Fiscal Impact	Initial Cost: \$ 990.00 for 1000 ft roll
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2005-Present
	Funding Source: General funds
Complaints Concerns Violations	0

C-2 Explosive Sheet	
Description	C-2 Explosive Sheet
Quantity	10.5 lbs
Capability	Explosive breaching, the use of explosive materials to affect a breach, can be an effective option in SWAT Unit tactics. An explosive breach is a cutting tool. An effective breach is designed to use the least amount of explosive material to accomplish the goal. An effective explosive breach can defeat fortified doors, walls, and barriers. Effective breaching techniques allow tactical officers immediate entry with minimal risk to victims, officers and suspects.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	Not Available. Item obtained 2000.
Purpose & Uses	This is a component of an explosive breaching device. 0 uses during this period.
Training Required	Basic SWAT School; Explosive Breaching Course (POST approved)
Authorized Uses	Used as a method to gain entry to a structure when lawful to do so.
Fiscal Impact	Initial Cost: Unknown, no record available
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2000
	Funding Source: General funds
Complaints Concerns Violations	0

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C-3 Explosive Sheet	
Description	C-3 Explosive Sheet
Quantity	10 lbs
Capability	Explosive breaching, the use of explosive materials to affect a breach, can be an effective option in SWAT Unit tactics. An explosive breach is a cutting tool. An effective breach is designed to use the least amount of explosive material to accomplish the goal. An effective explosive breach can defeat fortified doors, walls, and barriers. Effective breaching techniques allow tactical officers immediate entry with minimal risk to victims, officers and suspects.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	Not Available. Item obtained 2000.
Purpose & Use	This is a component of an explosive breaching device. 0 uses during this period.
Training Required	Basic SWAT School; Explosive Breaching Course (POST approved)
Authorized Uses	Used as a method to gain entry to a structure when lawful to do so.
Fiscal Impact	Initial Cost: Unknown, no record available
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2000
	Funding Source: General funds
Complaints Concerns Violations	0

12 Gauge Breaching Munitions	
Description	CTS 2577 12 Gauge Heavy Door Breacher Munition
Quantity	30
Capability	This munition is used for law enforcement to gain entry to structures when legal to do so in the course of critical incidents, warrant services and emergencies.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	A 12GA non-toxic, heavy frangible slug used to disrupt locking mechanisms and hinges of external and internal doors comprised of hardened material. Effectiveness is dependent on shot placement, the length of the muzzle from the impact area, and the type of locking attachments. The baseline for the Model 2577 slug is solid hardwood and metal fire doors. The ability of the slug to retain its form also enables an added stand-off capability. Effectiveness will vary, but this breaching slug is compatible with existing shotguns available to military special operations forces, Army, Navy, Marine Corps, Air Force, and Coast Guard.

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Purpose & Use	To safely resolve critical situations by allowing for a rapid entry into a structure. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties. 0 uses during this period.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as an entry tool when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$6.00 per round
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2005 - Present
	Funding Source: General funds
Complaints Concerns Violations	0

Kinetic Breaching Tool	
Description	KBT 3-1000 kinetic breaching tool
Quantity	1
Capability	This tool is used for law enforcement to gain entry to structures when legal to do so in the course of critical incidents, warrant services, and emergencies.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	A crimped blank explosive charge drives a captive steel impact plate which is directed at door hardware. The impact plate extends forward out of the clamshell shroud and impacts the target with a high level of kinetic energy and defeats the hardware. The impact plate automatically retracts and is reset in less than one second. Semi-automatic cycling allows repeated strikes on hardened or multiple targets.
Purpose & Use	To safely resolve critical situations by allowing for a rapid entry into a structure. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety, and will safeguard the public's welfare, safety, civil rights and civil liberties. 0 uses during this period.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as an entry tool when

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Fiscal Impact	Initial Cost: \$10,000.00
	Recurring Costs: N/A
	Maintenance Costs: N/A
	Year Obtained: 2022
	Funding Source: State Homeland Security Program Grant
Complaints Concerns Violations	0

4.0 Specialized Firearms / Ammunition Less Than .50 Caliber

Rifle and carbine (AR-15)	
Description	An AR-15 is a semi-automatic or semi-automatic/full-automatic rifle or carbine produced by various reputable firearms manufacturers. The features that make the classification of an AR-15 as a rifle or carbine are barrel length and the firearm's overall length. The AR-15 is in general use by both law enforcement and the military.
Quantity	107
Capability	Depending on the specific make and model, the AR-15 can be semi-automatic or semi-automatic and fully automatic. The Chief of Police limits access to AR-15s capable of fully automatic fire to the Special Weapons and Tactics (SWAT) team for use during critical incidents and other high-risk missions.
Lifespan	Varies by use.
Manufacturer's Description	The AR-15 is a lightweight, air-cooled, gas-operated, magazine-fed rifle known for its modularity and widespread use in civilian, law enforcement, and military applications. features a distinctive modular design allowing for easy customization with various optics such as optics, grips, and stocks.
Purpose & Use	These are necessary force options because no reasonable alternative can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties. 0 discharges during this period.
Training Required	19-hour POST approved training (conducted by firearms training staff)
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by Department Policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$1000.00 to \$1800 (cost per unit is dependent on the make, model, and features)
	Recurring Costs: N/A
	Maintenance Costs: N/A
	Year Obtained: 1995 - Present
	Funding Source: General funds, COPS State Allocation funding
Complaints Concerns Violations	0

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. 308 Bolt Action Long Rifle (Remington)	
Description	Remington Model 700, .308 Bolt Action Rifle
Quantity	4
Capability	Long Range Precision Shooting
Lifespan	Varies by use
Manufacturer's Description	<p>The Model 700 SPS Tactical is a highly maneuverable member of the family. It's built for tack-driving accuracy with a 20" heavy-contour tactical-style barrel and dual-point pillar bedding in its black synthetic stock. Hogue® over moldings on the stock facilitate sure handling, and it has a semi-beavertail fore-end for added stability off a rest.</p> <p>20" heavy barrel X-Mark Pro® externally adjustable trigger Hogue® over-molded pillar-bedded stock Durable satin black oxide metal finish Hinged floorplate magazine SuperCell® Recoil Pad</p>
Purpose & Use	These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties. 0 discharges during this period.
Training Required	SWAT Basic Academy; Law Enforcement Long Rifle Course (POST approved)
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by Department Policy, state and federal law and the US Constitution.
Fiscal Impact	Initial Cost: \$1000.00 Recurring Costs: N/A Maintenance Costs: \$100 annual per unit Year Obtained: 2000 Funding Source: General funds
Complaints Concerns Violations	0

.308 Bolt Action Long Rifle (Tikka)	
Description	Tikka T3x TACT A1, .308 Bolt Action Rifle
Quantity	5
Capability	Long Range Precision Shooting
Lifespan	Varies by use

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Manufacturer's Description	<p>Never before has there been a rifle that meets the strictest quality requirements for unrivaled long-range accuracy at this price range. With best-in-class value for every sport shooter, the new T3x TAC A1 is the ultimate tool for long-range accuracy.</p> <ul style="list-style-type: none"> * Double stage trigger * Adjustable weight of pull * Interchangeable fore-end interface * 13.5" M-LOK fore-end * QD fore-end mounting * Rigid fore-end with optimal wall thickness to prevent bending * AR stock interface * AR pistol grip interface * AR fore-end interface * Full aluminum bedding * Tikka T3x stock interface
Purpose & Use	These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties. 0 discharges during this period.
Training Required	SWAT Basic Academy; Law Enforcement Long Rifle Course (POST approved)
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law and the US Constitution.
Fiscal Impact	Initial Cost: \$1,200.00
	Recurring Costs: N/A
	Maintenance Costs: \$400 annual per unit
	Year Obtained: 2021
	Funding Source: General funds
Complaints Concerns Violations	0

.308 Semi-Automatic Rifle	
Description	DPMS LR-308 7.62 Nato
Quantity	2
Capability	This firearm can stop threats of great bodily injury or death at close to extended ranges. The platform is capable of firing more accurately and quickly than a pistol while holding more ammunition in the magazine.
Lifespan	Varies by use

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Manufacturer's Description	The .308 Recon from DPMS delivers accuracy without the weight of a full-size precision rifle. DPMS equipped the Recon with a Magpul® MOE® stock and grip and back-up iron sights. The AAC® BLACKOUT® suppressor adapter eliminates muzzle flash without affecting accuracy, optimized by the stainless steel mid-length barrel, and free float 4 rail handguard.
Purpose & Use	These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights and civil liberties. 0 discharges during this period.
Training Required	Basic SWAT Academy; 19 hour POST approved training (conducted by firearms training staff)
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$1200.00
	Recurring Costs: N/A
	Maintenance Costs: N/A
	Year Obtained: 2016
	Funding Source: General funds
Complaints Concerns Violations	0

9 mm Sub Machine Gun	
Description	Heckler & Koch MP5 submachine gun, 9mm
Quantity	15
Capability	This firearm can stop threats of great bodily injury or death at close to intermediate ranges. The platform is capable of firing more accurately and quickly than a pistol while holding more ammunition in the magazine.
Lifespan	Varies by use

APPENDIX A

Manufacturer's Description	<p>Developed by Heckler & Koch in the mid-1960s, the 9 mm MP5 submachine gun uses the same delayed blowback operating system found on the famous HK G3 automatic rifle. Reliability, accuracy, ease of handling, simple maintenance, and safety — all the elements of HK excellence are highlighted on the MP5. Firing from the closed-bolt position in all modes of fire makes MP5 submachine guns extremely accurate and controllable.</p> <p>All HK MP5 models are manufactured using time-tested Heckler & Koch technological invocation and superior materials. Barrels are made using cold hammer forging, a process pioneered and perfected by HK. Machined and stamped high-strength steel and modern polymers make up the rest of the MP5. Continual product improvements over more than 50 years of production have kept the MP5 up-to-date and technologically current; it is firmly established as the world's pre-eminent submachine gun among military and law enforcement users.</p>
Purpose & Use	These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties. 0 discharges during this period.
Training Required	19 hour POST approved training (conducted by firearms training staff)
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	<p>Initial Cost: Unknown, Purchased prior to 1995</p> <p>Recurring Costs: N/A</p> <p>Maintenance Costs: N/A</p> <p>Year Obtained: Unknown, prior to 1995</p> <p>Funding Source: General funds</p>
Complaints Concerns Violations	0

5.56 Ammunition	
Description	Winchester Q3131 5.56 55 grain
Quantity	Inventory Varies. 95,000 rounds used annually.
Capability	<p>Caliber: 5.56 mm</p> <p>Bullet Weight: 55 grain</p> <p>Bullet Style: Full metal jacket</p> <p>Muzzle Velocity: 3270 fps</p>
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	Backed by generations of legendary excellence, Winchester "USA White Box" stands for consistent performance and outstanding value, offering high-quality ammunition to suit a wide range of hunter's and shooter's needs.

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Purpose	Maintaining perishable marksmanship skills. To safely resolve critical situations by allowing for a force option that is deployable at range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties.
Training Required	N/A
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$359.00 per 1000 rounds
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2017 - Present
	Funding Source: General funds
Complaints Concerns Violations	0

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5.56 Ammunition - Frangible	
Description	Winchester RA223SF 5.56 55 grain
Quantity	2000
Capability	Caliber: 5.56 mm Bullet Weight: 55 grain Bullet Style: frangible lead free Muzzle Velocity: 3150 fps
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	Winchester Ranger offers a proven lineup of duty and training ammunition products; trusted reliability supporting the law enforcement community for decades.
Purpose	Maintaining perishable marksmanship skills.
Training Required	N/A
Authorized Uses	Used for training purposes only at facilities requiring this type of ammunition.
Fiscal Impact	Initial Cost: \$684.20 per 1000 rounds
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2017-Present Year
	Funding Source: General funds
Complaints Concerns Violations	0

.308 Ammunition	
Description	Federal T308T .308 Ammunition
Quantity	Inventory varies. 8500 annually
Capability	Caliber: .308 Bullet Weight: 168 grain Bullet Style: Sierra Match king Boat-tail Hollow Tip Muzzle Velocity: 2650 fps
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	Long range isn't just a distance, it's a state of mind. A dedication to push further. And it's why Federal Premium builds Gold Medal rifle loads. The exclusive primer design provides the best sensitivity and most consistent ballistics in the industry. The precision-built Sierra Matchking bullet is shot to win more matches than any other rifle bullet. It's the only choice for the world's most elite shooters.
Purpose	Maintaining perishable marksmanship skills. To safely resolve critical situations by allowing for a force option that is deployable at range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties.

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Training Required	N/A
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law and the US Constitution.
Fiscal Impact	Initial Cost: \$439.00 per 500 rounds
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2000-Present Year
Funding Source: General funds	
Complaints Concerns Violations	0

.308 Ammunition - Bonded Tip	
Description	Federal LE308TT2 .308 bonded tip ammunition
Quantity	600 rounds
Capability	Caliber: .308 Bullet Weight: 168 grain Bullet Style: Tactical Bonded Tip Muzzle Velocity: 2700 fps
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	Designed to defeat the toughest barriers with minimal deflection, Tactical® Bonded Tip™ has quickly become the choice for some of the most intense conditions. The .308 Win. Tactical Bonded Tip achieves accuracy and terminal performance unmatched by other ammunitions.
Purpose	Maintaining perishable marksmanship skills. To safely resolve critical situations by allowing for a force option that is deployable at range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties.
Training Required	N/A
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fi+B11:C18	Initial Cost: \$320.00 per 200 rounds
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2015-Present Year
Funding Source: General funds	
Complaints Concerns Violations	0

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5.0 Less Lethal Deployment Systems	
Pepperball Launcher FTC	
Description	Pepperball FTC, 720-01-0001, 720-02-0001
Quantity	21 (Original 27 - 6 Pending replacement)
Capability	Delivery of pepperball munitions to include glass breaker, marking and OC powder munitions.
Lifespan	Varies by use
Manufacturer's Description	FTC is a high-capacity, semi-automatic launcher that is perfect for crowd management and mobile field force operations. Reliable and accurate, it features a hopper that can hold up to 180 rounds and a flexible air source configuration.
Purpose & Use	Deployment of munitions at intermediate range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties. We had 1 incident where a pepperball launcher was used to neutralize a combative subject.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$600.00
	Recurring Costs: N/A
	Maintenance Costs: N/A
	Year Obtained: 2015 - Present
	Funding Source: General funds
Complaints Concerns Violations	0

Pepperball Launcher - Tac SF	
Description	Pepperball Launcher Tac SF
Quantity	1
Capability	Delivery of pepperball munitions to include glass breaker, marking and Pava powder munitions.
Lifespan	Varies by use
Manufacturer's Description	The TAC-SF allows officers and professionals to take non-lethal use to a whole new level by offering a launcher that can be semi-auto, 3-round burst, and full-auto.
Purpose & Use	Deployment of munitions at intermediate range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties. 0 uses during this period.

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Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$900.00
	Recurring Costs: N/A
	Maintenance Costs: N/A
	Year Obtained: 2018
	Funding Source: General funds
Complaints Concerns Violations	0

40 mm Launcher , Single Shot, Defense Technology	
Description	Defense Technology Federal Lab 40MM, Single Shot Launcher
Quantity	11
Capability	Delivery of less lethal kinetic energy munitions and delivery of chemical agents.
Lifespan	Varies by use
Manufacturer's Description	No Longer Available. Item no longer manufactured.
Purpose & Use	Deployment of munitions at close to intermediate range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties. We had 1 incident where a 40mm launcher was used to neutralize a combative subject.
Training Required	Annual in service training
Authorized Uses	Delivery of extended-range impact munitions and chemical agents. Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law and the US Constitution.
Fiscal Impact	Initial Cost: \$1200.00
	Recurring Costs: N/A
	Maintenance Costs: N/A
	Year Obtained: 2007
	Funding Source: General funds
Complaints Concerns Violations	0

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40 mm Launcher , Single Shot LMT	
Description	40MM LMT™ Tactical Single Launcher, Expandable Stock
Quantity	10
Capability	Delivery of less lethal kinetic energy munitions and delivery of chemical agents.
Lifespan	Varies by use
Manufacturer's Description	Manufactured exclusively for Defense Technology®, the 40LMTS is a tactical single-shot launcher that features an expandable ROGERS Super Stock and an adjustable Integrated Front Grip (IFG) with light rail. The ambidextrous Lateral Sling Mount (LSM) and QD mounting systems allow both a single and two-point sling attachment. The 40LMTS will fire standard 40mm less lethal ammunition, up to 4.8 inches in cartridge length. The Picatinny Rail Mounting System will accept a wide array of enhanced optics/sighting systems.
Purpose & Use	Deployment of munitions at close to intermediate range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties. 0 uses during this period.
Training Required	Annual in service training
Authorized Uses	Delivery of extended-range impact munitions and chemical agents. Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law and the US Constitution.
Fiscal Impact	Initial Cost: \$1,200.00
	Recurring Costs: N/A
	Maintenance Costs: N/A
	Year Obtained: 2017
	Funding Source: General funds
Complaints Concerns Violations	0

40 mm Launcher , Single Shot, Penn Arms	
Description	L140-4CER - Single-Launcher Collapsible Stock Combo Rails
Quantity	4
Capability	Delivery of less lethal kinetic energy munitions and delivery of chemical agents.
Lifespan	Varies by use
Manufacturer's Description	L140-4CER – A cerakoted 40mm single-shot break-open frame launcher with a rifled barrel, collapsible stock, and combo rail. Features include a double-action trigger, trigger lock push button and hammer lock safeties.
Purpose & Use	Deployment of munitions at close to intermediate range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety, and will safeguard the public's welfare, safety, civil rights and civil liberties. 0 uses during this period.
Training Required	Annual in service training

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Authorized Uses	Delivery of extended-range impact munitions and chemical agents. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$1,200.00
	Recurring Costs: N/A
	Maintenance Costs: N/A
	Year Obtained: 2018
	Funding Source: General funds
Complaints Concerns Violations	0

40 mm Launcher , Six Shot Defense Technolgy / Federal Lab	
Description	Defense Technology Federal Lab 40MM Six Shot Launcher
Quantity	2
Capability	Delivery of less lethal kinetic energy munitions.
Lifespan	Varies by use
Manufacturer's Decription	No Longer Available
Purpose & Use	Deployment of munitions at close to intermediate range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety, which will safeguard the public's welfare, safety, civil rights and civil liberties. 0 uses during this period.
Training Required	Annual in service training
Authorized Uses	Delivery of extended-range impact munitions. Used as a force option when allowed by Department Policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$3,000.00
	Recurring Costs: N/A
	Maintenance Costs: N/A
	Year Obtained: 2007
	Funding Source: General funds
Complaints Concerns Violations	0

Remington 870-Less Lethal	
Description	Remington 870 Shotgun-Less Lethal Munition Designated, orange synthetic stock
Quantity	22
Capability	Delivery of Less Lethal kinetic energy munitions.
Lifespan	Varies by use

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Manufacturer's Description	<p>This All-American pump gun brings hunters the best of all worlds. Beneath no-nonsense, ready-for-work exterior of the Model 870 Express relies on the same quality, precision, and dependability that you'll find in our legendary Model 870 Wingmaster®, but at a much more affordable price.</p> <p>Like all Model 870 shotguns, this workhorse features a receiver milled from a solid billet of steel for maximum strength and reliability. The silky-smooth twin action bars prevent binding and twisting so that you'll always have the chance to get off a second shot. Appropriately dressed for the hunt and not for the wall, each shotgun sports non-reflective black matte metalwork and a no-frills laminate stock and fore-end.</p> <p>Its solid, dependable action makes it America's favorite, and our continual upgrades make it the most advanced, well-rounded family of pump shotguns around. Along with continually evolving designs, this shotgun's superiority is a matter of rugged dependability, great pointing characteristics, and versatility. The Model 870™ has been the standard for slide-action performance for more than 60 years.</p>					
Purpose & Use	Deployment of munitions at close to intermediate range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties. 5 incidents where a bean-bag was used. all were used during patrol to neutralize a combative subject.					
Training Required	Annual in service training					
Authorized Uses	Delivery of extended range impact munitions. Used as a force option when allowed by department policy, state and federal law and the US Constitution.					
Fiscal Impact	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Initial Cost: \$600.00</td> </tr> <tr> <td>Recurring Costs: N/A</td> </tr> <tr> <td>Maintenance Costs: N/A</td> </tr> <tr> <td>Year Obtained: 1990 - Present</td> </tr> <tr> <td>Funding Source: General funds</td> </tr> </table>	Initial Cost: \$600.00	Recurring Costs: N/A	Maintenance Costs: N/A	Year Obtained: 1990 - Present	Funding Source: General funds
Initial Cost: \$600.00						
Recurring Costs: N/A						
Maintenance Costs: N/A						
Year Obtained: 1990 - Present						
Funding Source: General funds						
Complaints Concerns Violations	0					

6.0 Light Sound Distraction Devices / Less Lethal Munitions / Chemical Agents

Flash-Bang Device

Description	CTS 7290 Flash-Bang, Steel Body Single-Use
Quantity	21
Capability	This Light Sound Distractionary Device (LSD) provides loud noise and bright light to distract and/or disorient subjects; gain the attention of suspects; provide distraction to cover the sound of movement of officers and other lawful deployment situations.

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Lifespan	Consumable item replaced as needed.
Manufacturer's Description	<p>The CTS 7290 is the standard for diversionary flash-bang devices. The 7290 produces a 175db and 6-8 million candela of light output. The patented design of the 7290, 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.</p> <p>Flash Bangs are used by special tactical units during hostage rescue and high-risk warrants. It is an ATF-controlled Class-C explosive device that emits a bright light and thunderous noise to distract potentially dangerous individuals.</p>
Purpose & Use	These are necessary because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties. We had 2 instances where LSDD's were used. Both were during SWAT missions.
Training Required	Annual in service training
Authorized Uses	Used when allowed by department policy, state and federal law and the US Constitution.
Fiscal Impact	<p>Initial Cost: \$43.85 each</p> <p>Recurring Costs: Consumable item replaced as needed</p> <p>Maintenance Costs: N/A</p> <p>Year Obtained: 2021-Present Year</p> <p>Funding Source: General funds</p>
Complaints Concerns Violations	0

Flash-Bang (Mini) Device	
Description	CTS 7290M Mini-Bang® , Steel Body Single-Use
Quantity	25
Capability	This Light Sound Diversionary Device (LSD) provides loud noise and bright light to distract and/or disorient subjects; gain the attention of suspects; and provide a distraction to cover the sound of movement of officers and other lawful deployment situations.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	<p>The CTS 7290M Mini Flash-Bang is the newest generation in the evolution of the Flash-Bang. Our Model 7290M Flash-Bang exhibits all of the same attributes as it's larger counterpart but in a smaller and lighter package. Weighing in at just 15 ounces the new 7290M is approximately 30% lighter than the 7290 but still has the same 175db output of the 7290 and produces 6-8 million candela 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.</p>

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Purpose & Uses	These are necessary because there is no reasonable alternative that can achieve the same objective of officer and community safety, which will safeguard the public's welfare, safety, civil rights and civil liberties. 0 uses during this period.
Training Required	Annual in service training
Authorized Uses	Used when allowed by department policy, state and federal law and the US Constitution.
Fiscal Impact	Initial Cost: \$47.85 each
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2021-Present Year
Funding Source: General funds	
Complaints Concerns Violations	0

Flash-Bang (9-Bang) Device	
Description	CTS 7290-9 Flash-Bang , Aluminum Body Single-Use
Quantity	10
Capability	This Light Sound Distractionary Device (LSD) provides loud noise and bright light to distract and/or disorient subjects; gain the attention of suspects; and provide a distraction to cover the sound of movement of officers and other lawful deployment situations.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	The patented multi-bangs feature top and bottom non-fragmenting, minimal movement devices that perform with high reliability incorporating CTS Superior fuze components with the patented and US Army-adopted Confidence Clip and pin shroud.
Purpose & Uses	These are necessary because there is no reasonable alternative that can achieve the same objective of officer and community safety, and will safeguard the public's welfare, safety, civil rights and civil liberties. 0 uses during this period.
Training Required	Annual in service training
Authorized Uses	Used when allowed by department policy, state and federal law and the US Constitution.
Fiscal Impact	Initial Cost: \$51.76 each
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2021-Present Year
Funding Source: General funds	

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Complaints Concerns Violations	0
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Pepperball LIVE Munition	
Description	PepperBall LIVE
Quantity	Inventory Varies. Approximately 1,500 rounds used annually.
Capability	This is a Less Lethal force option allows for deployment of PAVA at range accurately.
Lifespan	Consumable item replaced as needed. (Max 3 years)
Manufacturer's Description	The basic PepperBall projectile, it contains 2% PAVA, and is excellent for direct impact and area saturation, especially in confined, interior spaces.
Purpose	To safely resolve critical situations by allowing for a force option that is deployable at range, deploying a powder chemical agent (PAVA) at range accurately. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety, and will safeguard the public's welfare, safety, civil rights and civil liberties.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$250.00 for 90 munitions
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2000 - Present Year
	Funding Source: General funds
Complaints Concerns Violations	0

Pepperball LIVE-X Munition	
Description	PepperBall LIVE-X
Quantity	Inventory Varies. Approximately 5,500 rounds used annually.
Capability	This is a Less Lethal force option allows for deployment of Pava at range accurately.
Lifespan	Consumable item replaced as needed. (Max 3 years)
Manufacturer's Description	Our most potent and powerful concentration of PAVA pepper powder. One round of LIVE-X™ contains the equivalent PAVA irritant chemical agent in 10 regular PepperBall® LIVE™ rounds.

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Purpose	To safely resolve critical situations by allowing for a force option that is deployable at range, deploying a powder chemical agent (Pava) at range accurately. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$1023.00 per case
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2018-Present
	Funding Source: General funds
Complaints Concerns Violations	0

Pepperball Marking Munition	
Description	PepperBall Marking
Quantity	90
Capability	This projectile is used to mark suspects for later apprehension.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	This projectile contains a paint solution that can be used to mark suspects for later apprehension and/or marking doors, openings, or objects for identification.
Purpose	To safely resolve critical situations by allowing for a force option that is deployable at range, deploying a powder chemical agent (CS) at range accurately. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety, which will safeguard the public's welfare, safety, civil rights and civil liberties.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$250.00 for 90 munitions
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2012 - Present
	Funding Source: General funds
Complaints Concerns Violations	0

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Pepperball Glass Breaker Munition	
Description	PepperBall Glass Breaker
Quantity	26
Capability	This projectile is used to break automotive and residential glass.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	A solid polymer projectile used for breaking out residential windows and side-glass of automobiles. Not for use on humans or animals.
Purpose	To safely resolve critical situations by allowing to gain visual access to areas behind glass safely at range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties.
Training Required	Annual in service training
Authorized Uses	Used as an entry/breaching tool when allowed by department policy, state and federal law and constitutional.
Fiscal Impact	Initial Cost: \$263.50 for 100
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2018 - Present
	Funding Source: General funds
Complaints Concerns Violations	0

Pepperball Inert Training Munition	
Description	PepperBall Inert
Quantity	Inventory Varies. Approximately 3,000 rounds used annually.
Capability	This projectile is used to assist in training and can be used as an alternative to chemical agent exposure with the PepperBall launchers to apprehend suspects.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	This projectile contains a harmless, scented powder, this projectile is best suited for training, qualifications, and direct impact when chemical exposure is not desired.
Purpose	To safely assist in training and field application without unnecessary exposure to chemical agents.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$265.90 for 375 munitions
	Recurring Costs: Consumable item replaced as needed

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	Maintenance Costs: N/A
	Year Obtained: 2012 - Present
	Funding Source: General funds
Complaints Concerns Violations	0

12 Gauge Bean Bag Less Lethal Munition	
Description	CTS 2581 12 Gauge Super-Sock [®] Bean Bag, Point Control Impact Munition
Quantity	Inventory Varies. 850 (Approximately 900 used annually)
Capability	This less lethal force option allows for direct impact from a minimum range of 0 feet to a maximum effective range of 75 feet.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	The model 2581 Super-Sock [®] is in its deployed state immediately upon exiting the barrel. It does not require a minimum range to "unfold" or "stabilize". The Super-Sock [®] is an aerodynamic projectile and its accuracy is relative to the shotgun, barrel length, environmental conditions, and the operator. The Super-Sock [®] is first in its class providing the point control accuracy and consistent energy to momentarily incapacitate violent, non-compliant subjects. The effective range is 75 feet.
Purpose	To safely resolve critical situations by allowing for a force option that is deployable at range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$6.00 per round
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2005 - Present
	Funding Source: General funds
Complaints Concerns Violations	0

40 mm Bean Bag Munition	
Description	CTS 4581 40 mm Super-Sock [®] Bean Bag
Quantity	Inventory Varies. 25
Capability	This less lethal force option allows for deployment of force at range.
Lifespan	Consumable item replaced as needed.

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Manufacturer's Description	The Model 4581 Super-Sock® is in its deployed state immediately upon exiting the barrel. It does not require a minimum range to "unfold" or "stabilize." The Super-Sock® is an aerodynamic projectile. However, accuracy is relative to the launcher, barrel length, environmental conditions, and the operator. The Super-Sock® is very effective. However, effectiveness depends on many variables, such as distance, clothing, stature, and the point where the projectile impacts.
Purpose	To safely resolve critical situations by allowing for a force option that is deployable at range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$30.00 each
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2017
	Funding Source: General funds
Complaints Concerns Violations	0

40 mm Sponge Baton Munition	
Description	CTS 4557 40mm Sponge, Smokeless, Spin Stabilized, 4" Long
Quantity	Inventory Varies. 296
Capability	This less lethal force option allows for direct impact to a maximum effective range of 50 yards.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	The Model 4557 Sponge Baton is a spin-stabilized projectile delivering a blunt trauma effect. Although it is extremely accurate and consistent, accuracy is dependent on the launcher, using open sights vs. an improved sight, environmental conditions, and the operator. Effectiveness depends on many variables, such as distance, clothing, stature, and the point where the projectile impacts.
Purpose	To safely resolve critical situations by allowing for a force option that is deployable at range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties.
Training Required	Annual in service training

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Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
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Fiscal Impact	Initial Cost: \$21.02 per munition
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2021-Present Year
	Funding Source: General funds
Complaints Concerns Violations	0

40 mm Sponge Baton Munition - High Velocity	
Description	CTS 4557HV 40mm Sponge, Smokeless, Spin Stabilized, High Velocity, 4" Long
Quantity	Inventory Varies. 50
Capability	This less lethal force option allows for direct impact to a maximum effective range of 50 yards.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	The Model 4557HV Sponge Baton is a spin-stabilized projectile that delivers a blunt trauma effect. Although it is extremely accurate and consistent, accuracy is dependent on the launcher, using open sights vs. an improved sight, environmental conditions, and the operator. Effectiveness depends on many variables, such as distance, clothing, stature, and the point where the projectile impacts.
Purpose	To safely resolve critical situations by allowing for a force option that is deployable at range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$21.02 per munition
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2021-Present Year
	Funding Source: General funds
Complaints Concerns Violations	0

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40 mm Bean Bag Munition	
Description	Defense Technology 6025 Bean Bag Round 40 mm
Quantity	Inventory Varies. 1
Capability	This less lethal force option allows for impact from a minimum range of 20 feet to a maximum effective range of 66 feet.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	The 40 mm Bean Bag Round is most widely used as a crowd management tool by Law Enforcement and Corrections when there is a need to target individual instigators. It has also been successfully used as a dynamic, high-energy single-subject round for incapacitation or distraction. The round contains one silica sand-filled bag. It utilizes smokeless powder as the propellant and has more consistent velocities and tighter patterns compared to its 37 mm black powder counterpart.
Purpose	To safely resolve critical situations by allowing for a force option that is deployable at range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$25.35 each
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2019
	Funding Source: General funds
Complaints Concerns Violations	0

40 mm Foam Baton Munition	
Description	Defense Technology 6325 Exact Impact 40 mm Standard Range Round
Quantity	Inventory Varies. 361 (300 on back order to replace old munitions due to service life)
Capability	This is a Less Lethal force option allows for direct impact from a minimum range of 5 feet to a maximum effective range of 131 feet.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	The eXact iMpaCt™ 40 mm Sponge Round is a point-of-aim, point-of-impact direct-fire round. This lightweight, high-speed projectile consisting 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 extremely consistent velocities. Used for Crowd Control, Patrol, and Tactical Applications.

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Purpose	To safely resolve critical situations by allowing for a force option that is deployable at range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law and the US Constitution.
Fiscal Impact	Initial Cost: \$17.95 each
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2010 - Present
	Funding Source: General funds
Complaints Concerns Violations	0

40 mm Sponge Baton Extended Range Munition	
Description	Defense Technology 6325LE Exact Impact 40 mm Extended Range Sponge Round
Quantity	Inventory Varies. 44
Capability	This less lethal force option allows for direct impact from a minimum range of 33 feet to a maximum effective range of 230 feet.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	The eXact iMpacT™ 40 mm Sponge Round is a point-of-aim, point-of-impact direct-fire round. This lightweight, high-speed projectile consisting 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.
Purpose	To safely resolve critical situations by allowing for a force option that is deployable at range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.

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Fiscal Impact	Initial Cost: \$17.95 each
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2015 - Present
	Funding Source: General funds
Complaints Concerns Violations	0

40 mm Wood Baton Munition	
Description	Defense Technology 6098 Multiple Wood Round 40 mm
Quantity	Inventory Varies. 51
Capability	This less lethal force option allows for skip fired impact from a minimum range of 30 feet to a maximum effective range of 60 feet.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	The 40 mm Multiple Wood Baton Round is most widely used as a crowd management tool by Law Enforcement and Corrections. 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. It is suitable for administering a means of pain compliance over a greater distance than most of its counterparts. Used for routing crowds or groups that are mildly resistive.
Purpose	To safely resolve critical situations by allowing for a force option that is deployable at range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties. Utilized by the SWAT Team to deploy against inanimate/fixed objects.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used primarily to knock out lights and as a force option when allowed by department policy, state and federal law and the US Constitution.
Fiscal Impact	Initial Cost: \$17.95 each
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2015 - Present
	Funding Source: General funds
Complaints Concerns Violations	0

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40 mm Warning/Signaling Munition	
Description	Defense Technology 6029WS Warning/Signaling Munition, 100 Meter
Quantity	15
Capability	This munition delivers a light and sound distraction at range.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	The 40mm Aerial Warning/Signaling Munition, 100 meters, is intended for use in situations where stand-off distance is desired, giving the operator the ability to engage crowds, vehicles, or vessels. Launched from a 40mm platform, the munitions deflagrate at a set distance of 100 meters to deliver 170 dB of sound and 5 million candelas of light, noticeable in day or night conditions. A tactile feature on the nose of the cone indicates the designated distance.
Purpose	To safely resolve critical situations by allowing for the opportunity to deploy a light and sound distraction device at range from a position of safety. These are necessary because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$28.55 each
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2020 - Present
	Funding Source: General funds
Complaints Concerns Violations	0

40 mm Crushable Foam Marking Munition	
Description	Defense Technology 6326 Direct Impact 40 mm Marking Crushable Foam Round
Quantity	45
Capability	This less lethal force option allows for direct impact from a minimum range of 5 feet to a maximum effective range of 131 feet.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	The eXact iMpack™ 40 mm Sponge Round is a point-of-aim, point-of-impact direct-fire round. This lightweight, high-speed projectile consisting 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 extremely consistent velocities. Used for Crowd Control, Patrol, and Tactical Applications.

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Purpose	To safely resolve critical situations by allowing for a force option that is deployable at range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$17.95 each
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2015 - Present
	Funding Source: General funds
Complaints Concerns Violations	0

40 mm OC Crushable Foam Munition	
Description	Defense Technology 6320 Direct Impact 40 mm OC Crushable Foam Round
Quantity	49 in service (38 out of service life being replaced)
Capability	This less lethal force option allows for direct impact from a minimum range of 5 feet to a maximum effective range of 131 feet.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	The 40mm Direct Impact® munition is a point-of-aim, point-of-impact direct-fire round. An excellent solution is whether you need to incapacitate a single subject or control a crowd. When loaded with OC powder, the Direct Impact combines blunt trauma with the effects of an irritant powder, maximizing the potential for incapacitation.
Purpose	To safely resolve critical situations by allowing for a force option that is deployable at range. This munition provides an additional benefit of deploying a chemical irritant (OC) to further incapacitate a suspect. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.

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Fiscal Impact	Initial Cost: \$17.95 each
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2010 - Present
	Funding Source: General funds
Complaints Concerns Violations	0

40 mm CS Crushable Foam Munition	
Description	Defense Technology 6322 Direct Impact 40 mm CS Crushable Foam Round
Quantity	80
Capability	This less lethal force option allows for direct impact from a minimum range of 5 feet to a maximum effective range of 131 feet.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	The 40mm Direct Impact® munition is a point-of-aim, point-of-impact direct-fire round. An excellent solution is whether you need to incapacitate a single subject or control a crowd. When loaded with CS powder, the Direct Impact combines blunt trauma with the effects of an irritant powder, maximizing the potential for incapacitation.
Purpose	To safely resolve critical situations by allowing for a force option that is deployable at range. This munition provides an additional benefit of deploying a chemical irritant (CS) to further incapacitate a suspect. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by Department Policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$17.95 Each
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2018 - Present
	Funding Source: General funds
Complaints Concerns Violations	0

APPENDIX A

Ferret® 40 mm Liquid Barricade Penetrator Round, Inert	
Description	Defense Technology 2263 Ferret® 40 mm Liquid Barricade Penetrator Round, Inert
Quantity	4
Capability	This munition allows for deployment of inert powder inside a structure or vehicle.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	<p>The Ferret® 40mm Round is non-burning and suitable for indoor use. Used primarily by tactical teams, it is designed to penetrate barriers, such as windows, hollow core doors, wallboards, and thin plywood. Upon impacting the barrier, the nose cone ruptures and instantaneously delivers a small chemical payload inside of a structure or vehicle.</p> <p>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.</p>
Purpose	To safely resolve critical situations by allowing for a force option that is deployable at range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$19.65 each
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2018
	Funding Source: General funds
Complaints Concerns Violations	0

Ferret® 40 mm Liquid Barricade Penetrator Round, CS	
Description	Defense Technology 2262 Ferret® 40 mm Liquid Barricade Penetrator Round, CS
Quantity	30
Capability	This munition allows for deployment of liquid chemical agent (CS) inside a structure or vehicle.
Lifespan	Consumable item replaced as needed.

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Manufacturer's Description	The Ferret® 40mm Round is non-burning and suitable for indoor use. Used primarily by tactical teams, it is designed to penetrate barriers, such as windows, hollow core doors, wallboards, 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.
Purpose	To safely resolve critical situations by allowing for a force option that is deployable at range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety, will safeguard the public's welfare, safety, civil rights, and civil liberties.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$19.65 each
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2018
	Funding Source: General funds
Complaints Concerns Violations	0

Ferret® 40 mm Liquid Barricade Penetrator Round, OC	
Description	Defense Technology 2260 Ferret® 40 mm Liquid Barricade Penetrator Round, OC
Quantity	9
Capability	This munition allows for deployment of liquid chemical agent (OC) inside a structure or vehicle.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	The Ferret® 40mm Round is non-burning and suitable for indoor use. Used primarily by tactical teams, it is designed to penetrate barriers, such as windows, hollow core doors, wallboards, 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.

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Purpose	To safely resolve critical situations by allowing for a force option that is deployable at range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$19.65 each
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2018
	Funding Source: General funds
Complaints Concerns Violations	0

Ferret [®] 40 mm Powder Barricade Round, Inert	
Description	Defense Technology 2293 Ferret [®] 40 mm Powder Barricade Round, Inert
Quantity	6
Capability	This munition allows for deployment of inert powder inside a structure or vehicle.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	The Ferret [®] 40 mm Barricade Penetrating Round is filled with an Inert powder. It is a frangible projectile that is spin-stabilized utilizing barrel rifling. It is non-burning and used as a training round for our 40mm CN, CS, or OC Powder Ferret [®] rounds. Primarily used by tactical teams, it is designed to penetrate barriers, such as windows, hollow core doors, wallboards, and thin plywood. Upon impact, the nose ruptures and instantaneously delivers the inert powder.
Purpose	To safely resolve critical situations by allowing for a force option that is deployable at range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.

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Fiscal Impact	Initial Cost: \$17.95 each
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2018
	Funding Source: General funds
Complaints Concerns Violations	0

Ferret [®] 40 mm Powder Barricade Round, CS	
Description	Defense Technology 2292 Ferret [®] 40 mm Powder Barricade Round, CS
Quantity	54
Capability	This munition allows for deployment of powder chemical agent (CS) inside a structure or vehicle.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	The Ferret [®] 40 mm 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, wallboards, and thin plywood. Upon impact, the nose ruptures and instantaneously delivers the agent payload inside a structure or vehicle.
Purpose	To safely resolve critical situations by allowing for a force option that is deployable at range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety, will safeguard the public's welfare, safety, civil rights, and civil liberties.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$17.95 each
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2018
	Funding Source: General funds
Complaints Concerns Violations	0

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Ferret® 40 mm Powder Barricade Round, OC	
Description	Defense Technology 2290 Ferret® 40 mm Powder Barricade Round, CS
Quantity	10
Capability	This munition allows for deployment of powder chemical agent (OC) inside a structure or vehicle.
Lifespan	Consumable item replaced as needed.
Manufacturer's Description	The Ferret® 40 mm Barricade Penetrating Round is filled with an OC 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, wallboards, and thin plywood. Upon impact, the nose ruptures and instantaneously delivers the agent payload inside a structure or vehicle.
Purpose	To safely resolve critical situations by allowing for a force option that is deployable at range. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties.
Training Required	Annual in service training
Authorized Uses	Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$17.95 each
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2018
	Funding Source: General funds
Complaints Concerns Violations	0

OC 12 oz	
Description	Defense Technology 5099 First Defense Mk-9 Stream OC Aerosol 12 oz
Quantity	Inventory Varies.
Capability	This less lethal force option allows for the deployment of airborne chemical agents (OC). This is the same chemical agent as the standard issue provided to all police officers in the Department, just in a larger capacity container.
Lifespan	Consumable item replaced as needed (5 year maximum).
Manufacturer's Description	The MK-9 features an easy-to-use trigger handle, is intended for use in crowd management, and will deliver 14 short bursts of OC at an effective range of 18-20 ft. This .2% MC OC aerosol product utilizes a stream delivery method providing a target-specific, strong concentrated stream for greater standoff. Non-flammable / Electronic Discharge Weapon (EDW) safe

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Purpose & Use	These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties. 0 uses during this period.
Training Required	Annual in service training
Authorized Uses	Dispersement of crowds engaged in assaultive and destructive behaviors. Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$62.12 each
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2017
	Funding Source: General funds
Complaints Concerns Violations	0

OC Vapor	
Description	CTS OC-V OC Vapor Aerosol Defense
Quantity	Inventory Varies. 2
Capability	This less lethal force option allows for the deployment of airborne chemical agents (OC). This is the same chemical agent as the standard issue provided to all police officers in the Department, just in a larger capacity container.
Lifespan	Consumable item replaced as needed (5 year maximum).
Manufacturer's Description	OC Vapor - 9.oz
Purpose & Use	These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights and civil liberties. 0 uses during this period.
Training Required	Annual in service training
Authorized Uses	Dispersement of crowds engaged in assaultive and destructive behaviors. Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$44.20 each
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2018
	Funding Source: General funds

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Complaints Concerns Violations	0
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Triple-Chaser® Separating Canister, CS	
Description	Defense Technology 1026 Triple-Chaser® Separating Canister, CS
Quantity	5
Capability	This less lethal force option allows for deployment of airborne chemical agent (CS).
Lifespan	Consumable item replaced as needed (5 year maximum).
Manufacturer's Description	The Triple-Chaser® CS consists of three separate canisters pressed together with separating charges between each. When deployed, the canisters separate and land approximately 20 feet apart allowing increased area coverage in a short period of time. This grenade can be hand-thrown or launched from a fired delivery system. The grenade is 6.5 in. by 2.7 in. and holds approximately 3.2 oz. of active agent payload. It has an approximate burn time of 20-30 seconds.
Purpose & Use	These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights and civil liberties. 0 uses during this period.
Training Required	Annual in service training
Authorized Uses	Dispersment of crowds engaged in assaultive and destructive behaviors. Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$31.95
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2018
	Funding Source: General funds
Complaints Concerns Violations	0

Flameless Tri-Chamber CS Canister	
Description	Defense Technology 1032 Flameless Tri-Chamber CS Canister
Quantity	Inventory Varies. 8
Capability	This less lethal force option allows for deployment of airborne chemical agent (CS).
Lifespan	Consumable item replaced as needed (5 year maximum).

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Manufacturer's Description	The design of the Tri-Chamber Flameless CS Grenade allows the contents to burn within an internal can and disperse the agent safely with reduced risk of fire. The grenade is designed primarily for indoor tactical situations to detect and/or dislodge a barricaded subject. This grenade will deliver approximately .70 oz. of agent during its 20-25 seconds burn time. The Tri-Chamber Flameless Grenade can be used in crowd control as well as tactical deployment situations by Law Enforcement 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 Grenade is to minimize the risks to all parties through pain compliance, temporary discomfort, and/or incapacitation of potentially violent or dangerous subjects. The Tri-Chamber Flameless Grenade provides the option of delivering a pyrotechnic chemical device indoors, maximizing the chemicals' effectiveness via heat and vaporization, while minimizing or negating the chance of fire to the structure.
Purpose & Use	Dispersment of crowds engaged in assaultive and destructive behaviors. These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety, which will safeguard the public's welfare, safety, civil rights and civil liberties. 0 uses during this period.
Training Required	Annual in service training
Authorized Uses	Dispersment of crowds engaged in assaultive and destructive behaviors. Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$31.95 each Recurring Costs: Consumable item replaced as needed Maintenance Costs: N/A Year Obtained: 2008-Present Funding Source: General funds
Complaints Concerns Violations	0

Instantaneous Blast CS Canister	
Description	Defense Technology 1042 Instantaneous Blast CS Canister
Quantity	46
Capability	This less lethal force option allows for deployment of airborne chemical agent (CS).
Lifespan	Consumable item replaced as needed (5 year maximum).

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Manufacturer's Description	The Instantaneous Blast CS Grenade is designed for indoor or outdoor use; this grenade's powder is expelled upon initiation of a small internal detonator that has sufficient force to split the canister at six machined grooves on the outside surface. This device is well suited for affecting numerous subjects grouped within a contained portion of a prison yard or area, using wind to the advantage. This 6.12 in. by 2.62 in. grenade will deliver approximately 1.5 oz. of active agent.
Purpose & Use	These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety, which will safeguard the public's welfare, safety, civil rights and civil liberties. 0 uses during this period.
Training Required	Annual in service training
Authorized Uses	Dispersment of crowds engaged in assaultive and destructive behaviors. Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$31.95 each
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2020
	Funding Source: General funds
Complaints Concerns Violations	0

OC Vapor Aerosol Canister	
Description	Defense Technology 1056 OC Vapor Aerosol Canister
Quantity	Inventory Varies. 5
Capability	This less lethal force option allows for deployment of airborne chemical agent (OC).
Lifespan	Consumable item replaced as needed (5 year maximum).
Manufacturer's Description	The Defense Technology® OC Vapor Aerosol Grenade is for law enforcement and corrections use to deliver a high concentration of Oleoresin Capsicum (OC) in a powerful mist. The grenade 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, yet requires minimal decontamination. Removing the subject from the affected area to fresh air will resolve respiratory effects within minutes. The OC Vapor Aerosol Grenade is ideal for cell extractions or barricade situations where the use of pyrotechnic, powder or liquid devices is not practical or desired.

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Purpose & Use	These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights, and civil liberties. 0 uses during this period.
Training Required	Annual in service training
Authorized Uses	Dispersement of crowds engaged in assaultive and destructive behaviors. Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$19.25 each
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A
	Year Obtained: 2017
	Funding Source: General funds
Complaints Concerns Violations	0

Spede-Heat Continuous Discharge Chemical Canister, CS	
Description	Defense Technology 1072 Spede-Heat Continuous Discharge Chemical Canister, CS
Quantity	Inventory Varies. 55
Capability	This is a less lethal force option allows for deployment of airborne chemical agent (CS).
Lifespan	Consumable item replaced as needed (5 year maximum).
Manufacturer's Description	The Spede-Heat™ CS Grenade is a high-volume, continuous burn. It expels its payload in approximately 20-40 seconds. The payload is discharged through four gas ports on top of the canister, three on the side and one on the bottom. This launchable grenade is 6.12 in. by 2.62 in. and holds approximately 2.9 oz. of active agent.
Purpose & use	These are a necessary force option because there is no reasonable alternative that can achieve the same objective of officer and community safety and will safeguard the public's welfare, safety, civil rights and civil liberties. 0 uses during this period.
Training Required	Annual in service training
Authorized Uses	Dispersement of crowds engaged in assaultive and destructive behaviors. Department personnel trained and qualified in its use. Used as a force option when allowed by department policy, state and federal law, and the US Constitution.
Fiscal Impact	Initial Cost: \$27.80
	Recurring Costs: Consumable item replaced as needed
	Maintenance Costs: N/A

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	Year Obtained: 2007 - Present
	Funding Source: General funds
Complaints Concerns Violations	0