

- Quantity: 1
- \$800 per unit
- The Phantom 4 is the iconic quadcopter design with a 4K, 12 MP camera. It's capable of approximately 28 minutes of flight time with a huge service ceiling and up to 45 MPH ground speeds.

- **DJI Mavic 2**

- Quantity: 7
- \$3500 per unit
- The Mavic 2 is a professional filmmaking drone that gives you the ability to get closer to the action with a 2x 24-48mm optical zoom camera. It's capable of approximately 30 minutes of flight time and has low-noise propellers and omnidirectional obstacle sensing that provides object avoidance with sensors on all sides.

- **DJI Mavic Mini**

- Quantity: 4
- \$400 per unit
- Weighing less than a pound, the Mavic Mini supports 12MP aerial photos and 2.7K HD videos. A 3-axis motorized gimbal provides superior camera stability and ensures clear, ultra-smooth footage. It's capable of approximately 30 minutes of flight time.

- **DJI Matrice 210**

- Quantity: 2
- \$35,000 per unit
- The Matrice 210 quadcopter is meant to go into hazardous conditions and relay vital information to personnel on the ground. It provides multiple camera views and is capable of approximately 30 minutes of flight time, with a range of up to 5 miles.

- **Yuneec H520**

- Quantity: 2
- \$3000 per unit
- The H520 is a well-proven platform for police, search and rescue, fire, inspection, agriculture, photography, and survey. The ability to remain

stable in 45 MPH winds and reliability to complete a mission with a single rotor failure means the platform works when you do. It's capable of approximately 30 minutes of flight time.

- **AeroVironment Cube**

- Quantity: 2 (No longer in use)
- \$41,043 & 49,750
- A rugged and reliable small unmanned aircraft system targeting the needs of first responders. The packaged system fits easily in the trunk of a car and can be assembled and ready for flight in less than five minutes to provide a rapidly deployable eye in the sky, transmitting live video directly to the operator at a fraction of the cost of manned aircraft. It's capable of approximately 40 minutes of flight time.

- Purpose/Authorized Use:

- These devices may be deployed when an aerial view would assist members of the Sheriff's Office with investigations, including missing persons, search and rescue, vehicle collisions, natural disaster management, crime scene evidence collection, public safety, high-risk apprehension of armed violent suspects, and other life-saving missions.

- Expected Life Span:

- 3 to 5 years on all listed equipment

- Fiscal Impact:

- Approximately \$12,500 per year; primarily consisting of battery replacement, general maintenance and repairs.

- Training:

- Assigned operators must be licensed by the Federal Aviation Administration (FAA). In addition, each operator receives additional monthly training.

- Legal and Procedural Rules

- The use is established under FAA Regulation 14 CFR Part 107. It is the policy of the Ventura County Sheriff's Office to utilize RPAV's only for official law enforcement purposes, and in a manner that respects the law and privacy of our community, pursuant to the Ventura County Sheriff's Unmanned Aircraft

Systems Operations Manual, Ventura County Sheriff's Office Policy 419 – Aircraft Accidents, State and Federal law, and FAA regulations.

- **Remotely piloted ground vehicle (RPGV):** Battery operated, remotely piloted, ground vehicles capable of capturing live and recorded video images.

- Description / Quantity / Purchase Cost / Capabilities:

- **iRobot Packbot 510**

- Quantity: 5
- Military surplus items obtained at no cost from the Defense Logistics Agency's 1033 Program.
- The iRobot Packbot 510 is a man-transportable robot that performs bomb disposal, surveillance, reconnaissance, and HazMat handling operations, including chemical, biological, radiological and nuclear (CBRN) detection. It easily climbs stairs and navigates narrow passages while relaying real-time audio/video and sensor data while the operator remains at a safer standoff distance.

- **Remotec F6B Bomb Robot**

- Quantity: 1
- \$250,000
- The Remotec F6B is a versatile, heavy-duty robot. Speed and agility unite to make it the first choice for a wide range of missions, and its proven stair climbing ability, rugged and dependable chassis, and an arm capable of lifting mean it's capable of handling any task. It also offers multiple communication options, a chassis and manipulator that allow for many accessories and tool combinations, and quick-release pneumatic wheels for rapid width reduction.

- **Remotec HD-1/HD-2 Bomb Robot**

- Quantity: 2
- One provided by the Federal Bureau of Investigation (2010) and one was a military surplus item obtained at no cost from the Defense Logistics Agency's 1033 Program.

- The Remotec Andros HD-1/HD-2 are versatile robots with top speeds of over 4 MPH while weighing just over 200 pounds. They can reach tight spaces and go over or under obstacles, providing the ultimate mission flexibility. They are equipped with 360 degree rotation arm, integrated microphones, speakers, lighting systems, and forward-looking infrared options.

- **RoboteX Avatar Tactical Robot**

- Quantity: 1
- \$11,041.50
- The RoboteX Avatar enhances 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. It's quickly and easily deployable, can be navigated over various terrain including stairs, and has two way audio/video capabilities.

- **Remotec MK5A1 Bomb Robot**

- Quantity: 2 (No longer in use)
- \$150,000; One was a military surplus item obtained at no cost from the Defense Logistics Agency's 1033 Program.
- The Remotec MK5A1 is a highly stable, robust partner for hazardous operations. It has variable speed manipulators and an arm that allows for lifting and gives access to dual-sided quick change accessory mounts. A sealed weather resistant enclosure maintains operability in harsh environments, and the patented articulating tracks allow it to traverse ditches, obstacles and rough terrain.

- **Vanguard Digital Bomb Robot**

- Quantity: 2 (No longer in use)
- \$150,000 per unit
- The Vanguard Digital robot is a rugged, lightweight machine with a mission duration of two to four hours. It has a telescopic arm and an intuitive laptop-based controller. Its modular construction enables allows

it to be re-purposed into alternative roles and makes maintenance and support in the field simple and inexpensive.

- Purpose/Authorized Use
 - These machines are used to remotely gain visual/audio data, carry equipment, open doors, facilitate disposal of hazardous devices and clear buildings without exposing deputies to hazardous situations. They may be deployed during high risk situations such as searches for wanted subjects, barricaded subjects and hostage rescues. They may also be used to inspect hazardous materials, possible explosive devices and other hazardous situations.
- Expected Life Span:
 - 8 to 10 years
- Fiscal Impact:
 - Approximately \$3,000 per year; primarily consisting of battery replacement, general maintenance and repairs.
- Training:
 - All assigned operators of Bomb Team must complete the FBI's 6-week hazardous device school prior to operating the listed bomb robot devices.
 - Members of the SWAT Team receive formalized instruction and are trained in device operations and practical remote operation instruction for the RobotEX Avatar.
- Legal and Procedural Rules
 - All listed devices are utilized only for official law enforcement purposes, and in a manner that respects the privacy of our community, pursuant to Ventura County Sheriff's Office Policy 411 – Response to Bomb Calls, Ventura County Sheriff's Office Policy 405 – SWAT Team Activation, State and Federal law.

Mine-resistant ambush-protected (MRAP) vehicles or armored personnel carriers:

- **Armored Vehicle:** Commercially produced armored personnel vehicle utilized for law enforcement purposes.
 - Description / Quantity / Purchase Cost / Capabilities:

- **LENCO Bearcat**

- Quantity: 1
- \$242,545
- The Lenco Bearcat is the standard tactical armored vehicle for special operations units within the US law enforcement community. It's a four-wheeled drive armored vehicle that has excellent on-road driving characteristics and maneuverability in tight urban settings. The large open floor plan is capable of carrying approximately 10 fully equipped deputies.

- Purpose/Authorized Use:

- This vehicle is to be used during critical incidents to support tactical operations and provide safe transport, security and rescue of department personnel and members of the public.

- Expected Life Span:

- 20 years

- Fiscal Impact:

- Approximately \$2,500 annually; primarily consisting of general maintenance and repairs.

- Training:

- Operators must attend formalized instruction and training on the deployment and use of the vehicle.

- Legal and Procedural Rules

- The vehicle shall only be used for official law enforcement purposes, and pursuant to Ventura County Sheriff's Office Policy 405 – SWAT Team Activation, as well as State and Federal law.
- Operators must possess a valid California Class C drivers license.

High mobility multipurpose wheeled vehicles (HMMWV), two-and-one-half-ton trucks, five-ton trucks, or wheeled vehicles that have a breaching or entry apparatus attached:

- **High Mobility Multipurpose Wheeled Vehicle (HMMWV):** A four-wheel drive vehicle utilized to gain access to areas regularly deployed emergency vehicles cannot access.

- Description / Quantity / Purchase Cost / Capabilities:

- **AM General HMMWV**

- Quantity: 1
- Military surplus items obtained at no cost from the Defense Logistics Agency's 1033 Program
- The AM General HMMWV is an expanded capacity command and control or general purpose vehicle. This high mobility multipurpose wheeled vehicle is a lightweight, high-performance, diesel powered four-wheel drive vehicle specifically designed to be highly mobile with the capacity to travel over difficult terrain. It can transport up to four passengers.

- Purpose/Authorized Use:

- This vehicle is highly mobile with the capacity to travel over difficult terrain. It is intended to perform rescue missions in areas that are not accessible by traditional first responder vehicles.

- Expected Life Span:

- 20 years

- Fiscal Impact:

- Approximately \$3,000 per year; primarily consisting of general maintenance and repair.

- Training:

- All assigned operators shall attend instruction in HMMWV operations and practical HMMWV driving instruction.

- Legal and Procedural Rules

- This vehicle shall only be utilized for official law enforcement purposes, and pursuant to Ventura County Sheriff's Office Policy 314 – Search and Rescue, Ventura County Sheriff's Office Policy 703 – Vehicle Use, State and Federal law.
- Operators must possess a valid California Class C drivers license.

- **Light Medium Tactical Vehicle (LMTV) 4x4 Utility Truck:** A truck with a high clearance chassis designed to transport cargo and people to and from disaster or flood areas.

▪ Description / Quantity / Purchase Cost / Capabilities:

• **Stewart and Stevenson LMTV M1078**

- Quantity: 3
- Military surplus items obtained at no cost from the Defense Logistics Agency's 1033 Program
- The Stewart and Stevenson LMTV M1078 has a CAT 3116 turbo diesel engine with a 2.5 ton payload. It was designed as a four-wheel drive vehicle with high ground clearance and is capable of carrying several people and equipment.

▪ Purpose/Authorized Use:

- This vehicle is intended to perform rescue missions in areas not accessible by traditional first responder four-wheel drive vehicles during natural disasters such as flood and/or mudslide incidents.

▪ Expected Life Span:

- 20 years

▪ Fiscal Impact:

- Approximately \$3,000 per year. The cost includes general maintenance and repair.

▪ Training:

- All assigned operators shall attend formalized instruction and be trained in vehicle operations and practical driving instruction.

▪ Legal and Procedural Rules

- This vehicle shall only be used for official law enforcement purposes, and pursuant to Ventura County Sheriff's Office Policy 314 – Search and Rescue, Ventura County Sheriff's Office Policy 703 – Vehicle Use, State and Federal law.
- A California Class B drivers license is required to operate this vehicle.

Tracked armored vehicles that provide ballistic protection to their occupants:

- **NIJ Level IV Armored Caterpillar (CAT) Multi-Terrain Loader ("ROOK"):** The ROOK is an armored tractor vehicle used during critical incidents to breach entry points, move law

enforcement personnel, perform rescues and provide protection to those involvement in the critical incident

- Description / Quantity / Purchase Cost / Capabilities:

- **ROOK – Modified CAT compact track loader chassis**

- Quantity: 1
- \$332,475 (\$300,000 funded by two Cal OES grants)
- The ROOK is an armored Caterpillar tractor vehicle with mission specific attachments that increase public safety and protect deputies. It operates on tracks which provide much greater ground contact area and weight distribution than a vehicle operating on tires. It also contains external cameras that can be seen by the operator and transmitted to a command center.
- Attachments:
 - The custom built Armored Deployment Platform (ADP) includes a sloping partial roof cover and floor-to-roof front shield. The ADP provides room for up to four fully-dressed deputies and is equipped with gun ports. It can be raised to 11 feet so that entry can be made on the first or second floor of a building.
 - The Hydraulic Breaching Ram (HBR) attachment can deliver up to 6,500 psi of pressure and much more power than a traditional hand-carried ram. It can be extended six to 10 feet in order to provide a controlled breach of walls, doors and windows.
 - The Grapple Claw can be utilized to gain access to areas where suspects may be trying to hide. With 4,500 pounds of lifting capacity, the grapple claw can be used to remove fortified doors, burglar bars or exterior shrubbery. It can also be used in disaster relief efforts with the ability to remove debris from streets for emergency responders' access.
 - The Vehicle Extraction Tool was fabricated for powerful use in the immobilization or removal of a vehicle in tactical applications. The tool can be used to push, pull or lift a parked vehicle to render it immobile or move it to a safe location.

- Purpose/Authorized Use:

- The Rook may be utilized during SWAT and/or Bomb Team deployments when there's a need for its defensive ballistic protection, rescue platforms for elevated structure response, and ability to navigate rough terrain environments where certain equipment would be limited. It may also be used during incidents such as natural disasters and can be used to stabilize critical infrastructure and functions to minimize health and safety threats during a critical incident, including mass casualty events or terrorist attacks.
- The ROOK is only to be utilized during authorized SWAT deployments or in response to a natural disaster.
- Expected Life Span:
 - Approximately 20 years
- Fiscal Impact:
 - Approximately \$4,500 annually; primarily consisting of general maintenance and repair.
- Training:
 - All assigned operators shall attend formalized instruction and be trained in vehicle operations and practical driving instruction.
- Legal and Procedural Rules
 - Armored vehicles shall only be used for official law enforcement purposes, and pursuant to Ventura County Sheriff's Office Policy 405 – SWAT Team Activation, Ventura County Sheriff's Office Policy 314 – Search and Rescue, and pursuant to State and Federal law.
 - A California Class A drivers license is required to operate this vehicle.

Command and Control vehicles that are either built or modified to facilitate the operational control and direction of public safety units:

- **Mobile Incident Command Vehicle (MIC):** A mobile incident command vehicle is an operational command center that is used during critical incidents and pre-staged events. It provides shelter and is equipped with specialized command, control and communication equipment.

▪ Description / Quantity / Purchase Cost / Capabilities:

• **2020 Frontline Communications MIC**

- Quantity: 2
- \$1,100,000 per unit (ordered in 2020 / anticipating delivery in 2022)
- Frontline Communications builds the vehicles that help public safety members coordinate multiple teams and respond with confidence. These 45' mobile command centers have an integrated electrical system for maximum operator control, slide-out sections to expand interior space, ergonomically designed driver controls and workstations, and robust power control panels.
- These new vehicles will replace the West County and East County command posts.

• **2003 Skyline Homes MIC - West County Command Post**

- Quantity: 1
- \$12,363.77
- The West County command post is a 33' Skyline Homes 5th wheel trailer that is utilized as a mobile operational command center during critical incidents and pre-staged events. It provides shelter and is equipped with specialized command, control and communication equipment. This trailer is towed by a Ford F450 pickup.
- This trailer is nearly 20 years old and in poor condition. It will be removed from service once the new Frontline command posts become operational.

• **2007 Mohawk MIC - East County Command Post**

- Quantity: 1
- \$264,569
- The East County command post is a custom designed 36' Mohawk 5th wheel trailer that is utilized as a mobile operational command center during critical incidents and pre-staged events. It provides shelter and is equipped with specialized command, control and communication equipment. This trailer is towed by a Ford F650 pickup.

- This trailer is 15 years old and in poor condition. It will be removed from service once the new Frontline command posts become operational.

- **2003 Freightliner MIC - SWAT**

- Quantity: 1
- \$174,838.19
- This custom built 29' Freightliner serves as the SWAT command vehicle. It is a non-armored vehicle utilized by SWAT personnel as a mobile command post. It is also used to transport various equipment for deployments/critical incidents and pre-planned events.

- Purpose:

- The vehicles are used during critical incidents or preplanned events to serve as mobile command centers that offer meeting space, telecommunication capabilities and access to equipment needed by Sheriff's Office personnel.

- Expected Life Span:

- Approximately 20 years for the vehicles. Upgrades for information technology and communication systems are needed approximately every 5 to 10 years.

- Fiscal Impact:

- Approximately \$9,000 annually; primarily consisting of general maintenance and repairs.

- Training:

- All assigned operators attend formalized instruction and are trained in vehicle operations and practical driving instruction.

- Legal and Procedural Rules

- The listed vehicles may only be used for official law enforcement purposes, and pursuant to Ventura County Sheriff's Office Policy 703 – Vehicle Use, Ventura County Sheriff's Office Policy 405 – SWAT Team Activation, Ventura County Sheriff's Office Policy 406 – Tactical Response Team Activation, State and Federal law.
- Certain MIC vehicles in possession of the Sheriff's Office require a California Class B Commercial license.

Weaponized aircraft, vessels, or vehicles of any kind:

- None in the possession of the Sheriff's Office

Battering rams, slugs, and breaching apparatuses that are explosive in nature. This does not include a handheld, one-person ram:

- **Explosive Breaching Tool:** Tools that are used to conduct an explosive breach to facilitate entry into a target location.

- Description / Quantity / Purchase Cost / Capabilities:

- **Remington 870 Breaching Shotgun**

- Quantity: 2
- Approximately \$800 per unit
- A modified 12-gauge shotgun used to breach door locks or hinges for entry during tactical operations that is designed to destroy the object it hits and then disperse into a fine powder upon impact, eliminating fragmentation and mitigating the risk of injury to bystanders.

- **Defense Technology 12 Gauge Breaching Rounds**

- Quantity: 21
- Approximately \$7 per round
- 12-gauge shell loaded with a compressed zinc slug, utilizing smokeless powder as a propellant, which is designed to disintegrate into a fine powder upon impact, eliminating fragmentation and mitigating the risk of injury to bystanders.

- Purpose/Authorized Use:

- During critical incidents, it may become necessary for the SWAT team to facilitate entry into a target location. A quick and effective breach is one key to a successful tactical mission. Therefore, it is critical that the point of entry is breached quickly and as safely as possible. Only trained members of the SWAT team may deploy a breaching shotgun.

- Expected Life Span:

- Breaching Shotgun: Approximately 20 years

- Breaching Rounds: Approximately 5 years or until expended.
 - Fiscal Impact:
 - Approximately \$200 annually; primarily consisting of repair/part replacement to the shotgun and the purchase of additional breaching rounds.
 - Training:
 - POST certified department instructors teach SWAT team members in the use of explosive breaching tools.
 - Legal and Procedural Rules
 - Explosive breaching tools may only be used for official law enforcement purposes, and pursuant to Ventura County Sheriff's Office Policy 405 – SWAT Team Activation, State and Federal law.
- **Kinetic Breaching Apparatus:** A breaching tool that uses kinetic energy to defeat entry points such as doors and gates.
- Description / Quantity / Purchase Cost / Capabilities:
 - **Kinetic Breaching Tool (KBT)**
 - Quantity: 3
 - \$11,000 per unit
 - The KBT is a revolutionary mechanical breaching tool that bridges the gap between traditional mechanical breaching, shotgun breaching, and explosive entry. It utilizes a proprietary .45 caliber blank cartridge to deliver up to 850 foot/pounds of force through a hardened steel ram. Unlike explosive or shotgun breaching, all of the force is mechanically driven through a ram. This means that no projectile or explosive energy leaves the device except for the force of the ram which is permanently captured in the device. The ramming surface is narrow enough to focus on a single hinge, yet powerful enough to breach a steel security door. The KBT has an 8-shot cylindrical magazine that allows for multiple shots and also provides for rapid reload.
 - Purpose/Authorized Use:
 - A quick and effective breach is one key to a successful tactical mission. During a critical incident or the service of a search warrant, it may become necessary to

breach a door or gate to facilitate entry into a target location. Only trained members of the SWAT team or those in specialized investigative units who have received training by members of the SWAT team may deploy kinetic breaching tools.

- Expected Life Span:
 - Approximately 20 years
- Fiscal Impact:
 - Approximately \$200 annually; primarily consisting of repairs/part replacement and the purchase of additional cartridges.
- Training:
 - All assigned operators shall attend formalized instruction in the use of kinetic breaching tools which shall be provided by members of the SWAT team.
- Legal and Procedural Rules
 - Explosive breaching tools may only be used for official law enforcement purposes, and pursuant to Ventura County Sheriff's Office Policy 405 – SWAT Team Activation, State and Federal law.

Firearms and ammunition of .50 caliber or greater, excluding standard-issue shotguns and standard-issue shotgun ammunition:

- **.50 Caliber Rifle and .50 Caliber Rifle Ammunition:** .50 caliber shoulder mounted rifles designed to have greater accuracy over a long distance than other rifles. The .50 caliber rifle also provides greater penetration in situations where smaller caliber ammunition is ineffective due to armor protection.

- Description / Quantity / Purchase Cost / Capabilities:

- **Barrett Model 99 Precision Rifle**

- Quantity: 1
- Approximately \$4000
- With its brilliantly simple design, hard-core construction and surprisingly few moving parts, the 50 BMG Model 99 single shot bolt action rifle offers

match-winning accuracy time and time again, and brings new levels of long-range precision shooting along with dependability and versatility.

- **Federal AE .50 Caliber BMG Rifle Rounds**

- Quantity: Approximately 660 rounds
- Approximately \$40 per box of 10 rounds
- For nearly a century, Federal Ammunition has put its focus on manufacturing quality products with cutting edge technology. This ammunition is loaded with a 660 grain full metal jacket bullet that features a velocity of up to 2910 fps.

- Purpose/Authorized Use:

- To be used as a precision weapons to address a threat with more accuracy and from a greater distance than other rifles utilized by the Sheriff's Office. This rifle also provides greater penetration in situation where smaller caliber ammunition is ineffective due to armor protection. Only trained members of the SWAT team may deploy a .50 caliber rifle.

- Expected Life Span:

- Listed Rifles: Approximately 15 years
- Listed Rifles Rounds: Approximately 20 years

- Fiscal Impact:

- Approximately \$400 annually; primarily consisting of general maintenance on the rifle and purchase of additional ammunition.

- Training:

- Sworn members utilizing rifles and rifle rounds are trained in their use with formalized instruction, including a California POST certified instruction course and regular range qualifications.

- Legal and Procedural Rules

- Rifles and rifle ammunition may only be used for official law enforcement purposes, and pursuant to Ventura County Sheriff's Office Policy 300 – Use of Force, Ventura County Sheriff's Office Policy 306 – Firearms and Qualification, Ventura County Sheriff's Office Policy 405 – SWAT Team Activation, State and Federal law.

Specialized firearms and ammunition of less than .50 caliber, including firearms and accessories identified as assault weapons in Penal Code § 30510 and Penal Code § 30515, with the exception of standard-issue handguns:

- **Rifles and Ammunition:** Shoulder mounted rifles under .50 caliber designed to have greater accuracy over a longer distance than handguns.

- Description / Quantity / Purchase Cost / Capabilities:

- **Colt M16A1 Rifles**

- Quantity: 367
- 273 rifles: Military surplus items obtained at no cost from the Defense Logistics Agency's 1033 Program.
- 94 rifles: Purchased for approximately \$1,250 per unit.
- The classic M16A1 was the iconic rifle of the Vietnam War. It was issued to the vast majority of U.S. soldiers during the conflict and its general success in combat led to its continued service in the U.S. armed forces in varied forms over the years. A virtual match to the classic design, featuring the same unique triangular handguard, 20-inch pencil-profile chrome lined barrel with a 1/12-inch twist and recognizable carrying handle. These semi-automatic rifles are equipped with iron sights and are capable of firing 5.56mm and .223 caliber ammunition.
- All patrol deputies and those in specialized investigative assignments are encouraged to receive training in order to carry a patrol rifle.
- The 273 military surplus M16 rifles are aged and due for replacement. The Ventura County Sheriff's Office intends to begin reducing its inventory of the military surplus rifles in 2022 by returning them to the federal government.

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- **SIONICS SAR-15 Rifles**

- Quantity: 332
- Approximately \$1,900 per unit

- The Sionics Patrol Rifles feature a 13.5" M-LOK Rail, 16" premium nitride barrel, and enhanced Mil-Spec Trigger. These rifles have ambidextrous selectors, Raptor ambidextrous charging handles, and Magpul MBUS Pro folding iron sights. These semi-automatic rifles are equipped with lighting systems as well as both iron sights and optical sighting systems. They are capable of firing 5.56mm and .223 caliber ammunition.
- All patrol deputies and those in specialized investigative assignments are encouraged to receive training in order to carry a patrol rifle.

- **Colt M14 Rifles**

- Quantity: 7
- Military surplus items obtained at no cost from the Defense Logistics Agency's 1033 Program.
- The M14 rifle became the standard-issue rifle for the U.S. military in 1951, and continued until replaced by the M16 rifle in 1968. These semi-automatic rifles are equipped with iron sights and are capable of firing 7.62mm and .308 caliber ammunition.
- These rifles are only used by the Sheriff's Honor Guard for ceremonies, such as funerals and memorials. They are not deployed for enforcement purposes.

- **Colt M16A2 CQB Rifles**

- Quantity: 35
- Approximately \$1,200 per unit
- The M16A2 became the standard service rifle in the 1980's, improving upon the M16A1 by adding the adjustable rear sight, case deflector, heavier barrel, improved pistol grip and buttstock. These rifles are equipped with lighting devices as well as iron sights and optical sighting systems. They are capable of firing 5.56mm and .223 caliber ammunition in either a semi-automatic or fully automatic capacity.
- These rifles may only be deployed by members of the Sheriff's SWAT Team.
- These rifles will be taken out of service when the new Sionics SBR rifles are deployed to the SWAT team.

- **SIONICS SBR SWAT Edition Rifles**

- Quantity: 28
- Approximately \$2,909 per unit
- The Sionics SBR SWAT Edition rifles feature a 10.75" M-LOK Rail, 11.5" premium nitride barrel, and enhanced trigger. These rifles have ambidextrous selectors, and Radian ambidextrous charging handles. These semi-automatic rifles are equipped with Surefire lighting devices as well as both iron sights and optical sighting systems. They are capable of firing 5.56mm and .223 caliber ammunition.
- These rifles will be provided to the Ventura County Sheriff's SWAT team in 2022 to replace the Colt M16A2 CQB rifles.

- **Falkor Alpha 308 Rifles**

- Quantity: 5
- Approximately \$4200 per unit
- The Falkor Alpha 308 is a precision rifle to address a threat with more accuracy and from a greater distance than the 5.56mm or .223 caliber rifles deployed by the Sheriff's Office. This one of the most innovative, accurate and reliable AR platform rifles on the market. It is built on solid billet aluminum chassis and features our Transition MLOK compatible rail, specifically designed to increase the strength and integrity of the union between the barrel and the upper receiver. This rifle is capable of firing .308 caliber ammunition.
- These rifles may only be deployed by members of the Sheriff's SWAT Team.

- **Federal AE .223 Caliber 55 Grain Rifle Rounds**

- Quantity: Approximately 160,000 rounds
- Approximately \$200 per case of 500
- Federal 223 Remington ammunition features a lead core 55 grain full metal jacket bullet with a non-magnetic, non-corrosive boxer primer and a brass casing. The ammunition offers a muzzle velocity of 3240 fps.

- **Federal Matchking .308 Rifle Rounds**

- Quantity: 2,400

- Approximately \$300 per case of 500
- The Federal 308 Winchester ammunition features a lead core 168 grain hollow point bullet with a muzzle velocity of 2650 fps. The exclusive primer design provides the best sensitivity and most consistent ballistics in the industry.
- Purpose/Authorized Use:
 - Rifles of less than .50 caliber are precision weapons intended to address a threat with more accuracy and from a greater distance than a handgun, such as an encounter with an armed or barricaded suspect. They also provide greater penetration of soft body armor than a handgun.
 - Only trained members of the SWAT team may deploy a fully automatic rifle, or a .308 caliber rifle.
- Expected Life Span:
 - SWAT Rifles: Approximately 10 years
 - Patrol Rifles: Approximately 15 years
 - Listed Rifles Rounds: Approximately 20 years or until expended
- Fiscal Impact:
 - Approximately \$75 for each rifle; primarily consisting of repair and purchase of additional ammunition.
- Training:
 - Sworn members utilizing rifles and rifle rounds are trained in their use with formalized instruction, including a California POST certified instruction course and regular range qualifications.
- Legal and Procedural Rules
 - Rifles and rifle ammunition shall only be used for official law enforcement purposes, and pursuant to Ventura County Sheriff's Office Policy 300 – Use of Force, Ventura County Sheriff's Office Policy 306 – Firearms and Qualification, Ventura County Sheriff's Office Policy 405 – SWAT Team Activation, State and Federal law.

Any firearm or firearm accessory that is designed to launch explosive projectiles:

- None in the possession of the Sheriff's Office

Noise-flash diversionary devices and explosive breaching tools:

- **Distraction Device:** A less-lethal explosive device that emits an extremely loud bang and bright lights to disorient a potentially dangerous suspect during a critical incident.

- Description / Quantity / Purchase Cost / Capabilities:

- **Defense Technology Low Roll II Distraction Device**

- Quantity: 42
- Approximately \$50 per unit
- The 11-gram non-reloadable, non-fragmenting, light and sound distraction device incorporates an M201A1 type fuse with steel hex design body to limit movement and rolling once deployed.

- **Combined Tactical Systems Flash-Bang**

- Quantity: 5
- Approximately \$50 per unit
- A non-bursting, non-fragmenting, light and sound distraction device that produces a single loud bang and flash of light. The patented design 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.

- **Combined Tactical Systems Multi Flash-Bang**

- Quantity: 13
- Approximately \$135 per unit
- A non-bursting, non-fragmenting, less-lethal light and sound diversionary device that produces multiple loud bang sounds and flashes of light.

- **Combined Tactical Systems Command Initiated Flash-Bang**

- Quantity: 40
- Approximately \$45 per unit
- A non-bursting, non-fragmenting, light and sound diversionary device that incorporates an M201 type fuse. This device may be hand thrown or deployed with a flash-bang pole.

- Purpose/Authorized Use:
 - Noise-flash diversionary devices produce a loud “bang” with a brilliant white light to cause short-term physiological/psychological sensory deprivation in order to allow law enforcement members a tactical advantage during critical incidents such as high risk search warrants, arrests of armed and violent suspects, and hostage rescue.
- Expected Life Span:
 - Until deployed or a maximum of 5 years
- Fiscal Impact:
 - Approximately \$500 annually. The cost includes the purchase of replacement devices.
- Training:
 - POST certified instructors provide annual training to members of the SWAT team in the use of noise-flash diversionary devices.
- Legal and Procedural Rules
 - Noise-flash diversionary devices may only be used for official law enforcement purposes, and pursuant Ventura County Sheriff's Office Policy 300 – Use of Force, Ventura County Sheriff's Office Policy 405 – SWAT Team Activation, State and Federal law.
 - Only trained members of the SWAT team who have received training within the last 12 months may deploy a noise-flash diversionary device.

Munitions containing tear gas or OC, excluding standard, service-issued handheld pepper spray:

- **Chemical Agent Canisters:** Less-lethal canisters containing chemical agents designed to be an irritant to those exposed.
 - Description / Quantity / Purchase Cost / Capabilities:
 - **Combined Tactical Systems OC Chemical Agent Canisters**
 - Quantity: 7
 - Approximately \$30 per unit

- This unique device delivers an invisible vapor of oleoresin capsicum (OC) chemical agent through gas ports in approximately one to five seconds. This device is non-flammable and intended for indoor use.

- **Combined Tactical Systems CS Chemical Agent Canisters**

- Quantity: 24
- Approximately \$30 per unit
- A high volume continuous burn device that expels its payload in approximately 20-40 seconds through gas ports. This launchable device that dispels smoke and 2-chlorobenzalmalononitrile (CS) chemical agent is specifically for outdoor use and should not be deployed on rooftops, in crawl spaces or indoors due to potential fire hazard.

- **Defense Technology OC Chemical Agent Canisters**

- Quantity: 12
- Approximately \$30 per unit
- Designed specifically for outdoor use in crowd control situations with a high volume continuous burn that expels its payload in approximately 20-40 seconds through four gas ports located on top of the canister. The volume of the smoke and agent is vast and obtrusive. This launchable device is 6.0 in. by 2.35 in. and holds approximately .88 oz. of oleoresin capsicum (OC) chemical agent.

- **Defense Technology CS Chemical Agent Canisters**

- Quantity: 45
- Approximately \$25 per unit
- A high volume continuous burn device that expels its payload in approximately 20-40 seconds through four gas ports located on top of the canister. This launchable device is 6.12 in. by 2.62 in. and holds approximately 2.9 oz. of 2-chlorobenzalmalononitrile (CS) chemical agent.

- Purpose/Authorized Use:

- Less-lethal tool used to compel violent/armed and barricaded suspects from structures and vehicles when the circumstances are too hazardous for

deputies to enter. May also be used to compel large, violent and riotous crowds to disperse from an outdoor area.

- Expected Life Span:
 - 5 years from the manufacturing date
- Fiscal Impact:
 - Approximately \$300 annually; consisting of the cost to purchase replacement canisters.
- Training:
 - Sworn members utilizing chemical agents are trained in their use with formalized instruction, including a California POST certified chemical agent course and a California POST recertification course every three years.
- Legal and Procedural Rules
 - Chemical agents may only be used for official law enforcement purposes, and pursuant to Ventura County Sheriff's Office Policy 300 – Use of Force, Ventura County Sheriff's Office Policy 302 – Control Devices and Techniques, State and Federal law.
 - A supervisor must approve the deployment any chemical agent within a Detention facility other than the standard service issued hand-held pepper spray.
 - Only the SWAT team is authorized to deploy a chemical agent, other than the standard service issued hand-held pepper spray, in a patrol setting.
- **40MM Launching Cup Attachment:** Launching cups that attach to a 12-gauge less lethal shotgun in order to allow the launch of chemical agent or smoke canisters from a distance.
 - Description / Quantity / Purchase Cost / Capabilities:
 - **Remington 12 gauge 40mm Launching Cup**
 - Quantity: 1
 - Approximately \$300
 - The launching cup is capable of being attached to most 12-gauge shotguns and launching canisters of chemical agents or smoke.
 - Purpose/Authorized Use:

- Less lethal tool used to compel violent/armed and barricaded suspects from structures and vehicles when the circumstances are too hazardous for deputies to enter. May also be used to compel large, violent and riotous crowds to disperse from an outdoor area.
- Expected Life Span:
 - Approximately 25 years
- Fiscal Impact:
 - No annual maintenance
- Training:
 - Sworn members utilizing 40mm launcher and rounds are trained in their use with formalized instruction.
- Legal and Procedural Rules
 - It is the policy of the Sheriff's Office to utilize chemical agent launching cups for official law enforcement purposes, and pursuant to the Ventura County Sheriff's Office Policy 300 – Use of Force, Ventura County Sheriff's Office Policy 302 – Control Devices and Techniques, State and Federal law.
 - Only trained members of the SWAT team may deploy a chemical agent through a launching cup.
- **PepperBall Launcher:** A non-lethal device that discharges small hard plastic projectiles containing a powder chemical agent.
 - Description / Quantity / Purchase Cost / Capabilities:
 - **VKS Pepperball Launcher**
 - Quantity: 9
 - Approximately \$900 per unit
 - The Variable Kinetic System (VKS) is a compressed-air powered launcher designed to fire non-lethal pepperball projectiles. It features a dual feed system that offers the ability to quickly switch between hopper mode and magazine mode for optimum versatility.
 - **FTC Pepperball Launcher**
 - Quantity: 3
 - Approximately \$600 per unit

- The FTC is a high-capacity, semi-automatic launcher that uses compressed-air to fire non-lethal pepperball projectiles. It features a hopper that can hold up to 180 rounds and a flexible air source configuration.

- **Pepperball LIVE Projectile**

- Quantity: Approximately 4,680
- Approximately \$2 per projectile
- The basic Pepperball projectile is designed for direct impact and contains 2% PAVA powder.

- **Pepperball VXR LIVE Projectile**

- Quantity: Approximately 1,154
- Approximately \$3 per projectile
- The Pepperball VXR projectile is designed for direct impact and contains a more concentrated 5% PAVA powder.

- **Pepperball Green Marking Projectile**

- Quantity: 2050
- Approximately \$2 per projectile
- The projectile is designed for direct impact and contains a green paint solution that can mark suspects for later apprehension and/or doors, openings, or objects for identification.

- Purpose/Authorized Use:

- Less lethal tool used from a distance in order to compel potentially violent suspects to cease dangerous actions and comply with arrest. May also be used to compel specific individuals in a large, violent and riotous crowd to disperse from an outdoor area.

- Expected Life Span:

- Pepperball Launchers: Approximately 20 years
- Pepperball Projectiles: Approximately 3 years

- Fiscal Impact:

- Approximately \$1,000 annually; primarily consisting of the cost to repair launchers and purchase of additional projectiles.

- Training:

- Sworn members utilizing the pepperball launchers are trained in their use with formalized instruction. In addition, sworn members utilizing chemical agents receive California POST certified training and recertification course every three years.
- Legal and Procedural Rules
 - It is the policy of the Sheriff's Office to utilize pepperball launchers and projectiles only for official law enforcement purposes, and pursuant to the Ventura County Sheriff's Office Policy 300 – Use of Force, Policy 302 – Control Devices and Techniques, State and Federal law.

TASER® Shockwave, microwave weapons, water cannons, and long-range acoustic devices (LRADs):

- None in the possession of the Sheriff's Office.

Kinetic energy weapons and munitions:

- **40 MM Launchers and Rounds:** A shoulder mounted launcher designed as a less lethal tool to launch impact rounds and rounds containing chemical agents.
 - Description / Quantity / Purchase Cost / Capabilities:
 - **Defense Technology SL1 40mm Launcher**
 - Quantity: 23
 - \$1000 per unit
 - The SL1 is a tactical single shot launcher that fires 40mm less lethal rounds, up to 4.8" in cartridge length.
 - **Penn Arms SL6 40mm Multi-Launcher**
 - Quantity: 2
 - \$3300 per unit
 - The SL6 is a 40mm spring-advanced magazine drum launcher with a six-shot capacity and a rifled barrel.
 - **Defense Technology 40mm Impact Sponge Rounds**
 - Quantity: 308
 - Approximately \$25 per unit

- The 40mm Impact Sponge is a point-of-aim, point-of-impact direct-fire round. This lightweight, high-speed projectile consisting of a plastic body and sponge nose is spin stabilized through the incorporated rifled collar and the launcher's rifled barrel. The round utilizes smokeless powder as the propellant; therefore, making velocities extremely consistent.

- **Defense Technology 40mm Direct Impact OC Rounds**

- Quantity: 144
- Approximately \$30 per unit
- The 40mm Direct Impact OC Round is a point-of-aim, point-of-impact direct-fire round. It contains a lightweight plastic and crushable foam nose that disperses approximately 5 grams of oleoresin capsicum (OC) upon impact. An excellent solution whether you need to incapacitate a single subject or control a crowd.

- **Defense Technology 40mm Direct Impact CS Rounds**

- Quantity: 45
- Approximately \$30 per unit
- The 40mm Direct Impact CS Round is a point-of-aim, point-of-impact direct-fire round. It contains a lightweight plastic and crushable foam nose that disperses approximately 5 grams of 2-chlorobenzalmalononitrile (CS) upon impact. An excellent solution whether you need to incapacitate a single subject or control a crowd.

- **Defense Technology Ferret 40mm OC Powder Barricade Penetrating Projectile**

- Quantity: 17
- Approximately \$25 per unit
- This Ferret 40mm Barricade Penetrating Round is filled with 4.1 grams of oleoresin capsicum (OC). It's a frangible projectile that is spin stabilizing through barrel rifling. It is non-burning and designed to penetrate barriers (windows, hollow core doors, and wallboard) and upon impact the nose cone ruptures and releases the chemical agent.

- **Defense Technology Ferret 40mm CS Powder Barricade Penetrating Projectile**

- Quantity: 16
- Approximately \$25 per unit
- This Ferret 40mm Barricade Penetrating Round is filled with 6.9 grams of 2-chlorobenzalmalononitrile (CS). It's a frangible projectile that is spin stabilizing through barrel rifling. It is non-burning and designed to penetrate barriers (windows, hollow core doors, and wallboard) and upon impact the nose cone ruptures and releases the chemical agent.

- **Defense Technology Stinger 40mm 60-Caliber Rubber Balls Round**

- Quantity: 242
- Approximately \$30 per unit
- The Stinger 40mm 60-caliber round is most widely used as a crowd management tool by law enforcement and corrections personnel. It utilizes smokeless powder as the propellant to maintain consistent velocities and tight shot patterns. Each projectile contains approximately 18 rubber balls.

- Purpose/Authorized Use:

- Less lethal tools used from a distance in order to compel potentially violent suspects to cease dangerous actions and comply with arrest. May also be used to compel specific individuals in a large, violent and riotous crowd to disperse from an outdoor area.

- Expected Life Span:

- 40mm Launchers: Approximately 15 years
- 40mm Rounds: Approximately 5 years

- Fiscal Impact:

- 40mm Launchers: Approximately \$125 annually; primarily consisting of repair/part replacement.
- 40mm Rounds: Approximately \$2,000 annually; consisting of the purchase of replacement rounds.

- Training:

- Sworn members utilizing 40mm launcher and rounds are trained in their use with formalized instruction. In addition, sworn members utilizing chemical agents

receive California POST certified training and recertification course every three years.

- Legal and Procedural Rules

- It is the policy of the Sheriff's Office to utilize 40mm launchers and 40mm rounds only for official law enforcement purposes, and pursuant to the Ventura County Sheriff's Office Policy 300 – Use of Force, Policy 302 – Control Devices and Techniques, State and Federal law.

- **Less Lethal Shotgun and Ammunition:** A shotgun used to deploy the less lethal 12-gauge Beanbag Round.

- Description / Quantity / Purchase Cost / Capabilities:

- **Remington 870 Less Lethal Shotgun**

- Quantity: 103
- Approximately \$400 per unit
- The less lethal shotgun is used to deploy the 12-gauge Super-Sock Beanbag Round. The shotgun is an orange color to distinguish it as a less lethal firearm.

- **Defense Technology 12-Gauge Super-Sock Beanbag Round**

- Quantity: 600
- Approximately \$6 per box of ammunition
- The Super-Sock beanbag round is a less lethal 12-gauge shotgun round made of a ballistic fiber bag filled with approximately 40 grams of lead shot that travels at a velocity of 270 to 290 feet per second. When deployed, it presents a consistent aerodynamic shape, delivering consistent and predictable performance that makes it a safe and effective round due to its accuracy and consistent transfer of kinetic energy to the target.

- Purpose/Authorized Use:

- These less lethal tools may be used to compel potentially violent suspects to cease dangerous actions and comply with arrest. They may also be used to compel specific individuals in a large, violent and riotous crowd to disperse from an outdoor area.

- Expected Life Span:
 - Remington 870 Less Lethal Shotgun: Approximately 25 years
 - Defense Technology Super-Sock Round: No listed expiration date
- Fiscal Impact:
 - Approximately \$6,500 annually. The cost includes repair, part replacement and purchase of replacement beanbag rounds.
- Training:
 - Sworn members utilizing a less lethal shotgun are trained in their use with formalized instruction, including a California POST certified instruction course and annual range qualifications.
- Legal and Procedural Rules
 - It is the policy of the Sheriff's Office to utilize less lethal shotgun and less lethal rounds only for official law enforcement purposes, and pursuant to the Ventura County Sheriff's Office Policy 300 – Use of Force, Ventura County Sheriff's Office Policy 302 – Control Devices and Techniques, Ventura County Sheriff's Office Policy 306 – Firearms and Qualifications, State and Federal law.

○ **Simunition:** A firearm/munition designed to be used for training of high risk and force on force incidents.

- Description / Quantity / Purchase Cost / Capabilities:

- **Sig Sauer 9mm Simunition Handgun**

- Quantity: 30
- Approximately \$1400 per unit
- The Simunition handgun allows the FX marking cartridge and SecuriBlank cartridges to be fired safely from a Sig Sauer 9mm handgun. The innovative and high-quality design produces realistic recoil and ensures the proper operation and cycling of the weapon so that it feels and shoots like a real handgun. The design also precludes the inadvertent chambering of live ammunition.

- **Simunition Conversion Rifle Bolt**

- Quantity: 55
- Approximately \$285 per unit

- The Simunition conversion kit allows the FX marking cartridge and SecuriBlank cartridges to be fired safely from the user's own rifle. The innovative and high-quality design produces realistic recoil and ensures the proper operation and cycling of the weapon so that it feels and shoots like a real rifle. The design also precludes the inadvertent chambering of live ammunition.

- **Simunition Training Rounds**

- Quantity: Approximately 500 rounds
- Approximately \$300 for a box of 500 rounds
- Simunition rounds are low speed marking projectiles that can be fired from a converted handgun or rifle. These non-lethal and non-toxic cartridges in calibers of 9mm and 5.56mm provide law enforcement with the most realistic training and non-lethal force-on-force training systems.

- Purpose:

- The items are used by law enforcement personnel for force on force training.

- Authorized Use:

- Law enforcement members attending simunition training are provided with a safety briefing and safety equipment. In addition, assigned safety officers are present during each of the scenario exercises. The device and rounds may only be used while under the supervision of an instructor assigned to instruct the course.

- Expected Life Span:

- Simunition firearms and bolt conversion: Approximately 15 years
- Simunition Training Rounds: 5 years

- Fiscal Impact:

- Approximately \$650 annually; primarily consisting of repair/ part replacement of simunition firearms and the purchase of simunition replacement rounds.

- Training:

- Sworn members utilizing the simunitions are trained in their use with formalized instruction.

- Legal and Procedural Rules

- It is the policy of the Sheriff's Office to utilize simunition only for official law enforcement purposes, and pursuant to the Ventura County Sheriff's Office Policy 300 – Use of Force, Ventura County Sheriff's Office Policy 302 – Control Devices and Techniques, State and Federal law.

709.10

INTENTION TO ACQUIRE ADDITIONAL MILITARY EQUIPMENT

State

MODIFIED -

In order to maintain essential availability of needed equipment for operational efficiency and training, the Ventura County Sheriff's Office intends to replenish the stock of the below listed categories of equipment throughout the year. These are perishable items which have a shelf life and/or are consumed through deployment in law enforcement activities and/or training. The Ventura County Sheriff's Office is not seeking additional funds for these purchases as they have historically been made through the existing budgets.

- a. Breaching rounds
- b. Rifle ammunition, including 5.56mm, .223 mm, .308 caliber and .50 caliber
- c. Noise-flash diversionary devices
- d. Munitions containing tear gas or OC, including chemical agent canisters and Pepperball projectiles
- e. Kinetic energy munitions, including 40mm rounds and beanbag rounds
- f. Simunition training rounds

The Ventura County Sheriff's Office currently maintains 273 military surplus M16 rifles that were obtained through the Defense Logistics Agency 1033 program. These are aged equipment and due for replacement. The Ventura County Sheriff's Office intends to return these rifles to the federal government over the next 24 months. In order to maintain an efficient stock to provide rifles to patrol deputies and those in specialized assignments, the agency intends to purchase 56 additional patrol rifles during the 2022/2023 fiscal year for approximately \$129,000. The Ventura County Sheriff's Office is not seeking additional funds for this purchase as funds are available from the equity sharing accounts which were obtained through the asset forfeiture program.

SIONICS SAR-15 Rifles

- a. Quantity: 56
- b. Approximately \$2,300 per unit
- c. The Sionics SBR Ventura County Edition rifles feature a 10.75" M-LOK Rail, 11.5" premium barrel, and enhanced trigger. These rifles have ambidextrous selectors, and Radian ambidextrous charging handles. These semi-automatic rifles are equipped with both iron sights and optical sighting systems. They are capable of firing 5.56mm and .223 caliber ammunition.
- d. All patrol deputies and those in specialized investigative assignments are encouraged to receive training in order to carry a patrol rifle.

Purpose/Authorized Use:

- a. These rifles are precision weapons intended to address a threat with more accuracy and from a greater distance than a handgun, such as an encounter with an armed or barricaded suspect. They also provide greater penetration of soft body armor than a handgun.

Expected Life Span:

- a. Patrol Rifles: Approximately 15 years

Fiscal Impact:

- a. \$129,000 initial purchase price and ongoing annual expenses of approximately \$75 per rifle; primarily consisting of repair and purchase of additional ammunition.

Training:

- a. Sworn members utilizing rifles and rifle rounds are trained in their use with formalized instruction, including a California POST certified instruction course and regular range qualifications.

Legal and Procedural Rules

- a. Rifles and rifle ammunition shall only be used for official law enforcement purposes, and pursuant to Ventura County Sheriff's Office Policy 300 – Use of Force, Ventura County Sheriff's Office Policy 306 – Firearms and Qualification, Ventura County Sheriff's Office Policy 405 – SWAT Team Activation, State and Federal law.

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