VISALIA POLICE DEPARTMENT

AB 481 Inventory - 2022

CATEGORY	QUANTITY	DESCRIPTION (GENERAL, MANUFACTURER'S) & CAPABILITIES	PURPOSE AND AUTHORIZED USES & COMPLIANCE MECHANISMS	TRAINING	FISCAL IMPACT	LEGAL & PROCEDURAL RULES	LIFE SPAN
VEHICLE	1	**Bomb Squad Truck** Recreational vehicle equipped with storage space, generator for 110 v electricity and trailer hitch. Five-speed automatic transmission, diesel engine-powered personnel and equipment carrier. Range 100 miles	To provide safe transport of Bomb Squad personnel and equipment. Use is established by the Bomb Squad Commander and or Incident Commander.	Possession of a valid class "C" drivers license.	$300,000 initial cost $10,000 annual maintenance	California Vehicle Code VPD policy 806	Expired
VEHICLE	1	**Mobile Command Vehicle** Mobile office that provides transportation, shelter, restroom facilities, and access to Police Department computer systems. Diesel-powered Winnebago recreational vehicle with 1 slide out and ONAN generator. Range 250 miles	To provide for the safe transport, security, and Command Post for agency personnel during high-risk or emergency incidents. Operational use under the approval of the On Duty Lieutenant.	Agency-authored orientation course; annual refresher.	$500,000 initial cost $10,000 annual maintenance	VPD Policy 702, 703, 704.	10 yrs.
VEHICLE	1	**Armored Vehicle (Bearcat)** Lenco Bearcat: Black armored, wheeled vehicle. Gloss black agency name markings and red/blue lights. Equipped with a siren. Can hold a driver and seven passengers. Four-wheeled, five-speed automatic transmission, diesel engine-powered personnel carrier with ballistic glass and armor rated to .50 cal. Range 100 mi. Armor rated to .50 cal.	To provide for the safe transport, security, and rescue of agency personnel and citizens in high-risk incidents. Operational use under the review of the SWAT Commander or appropriate team supervisor.	Agency-authored orientation course; annual refresher.	$225,000 initial cost $5,000 annual maintenance	VPD Policy 405	10 yrs.

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VEHICLE	**1**	**Transport Van Large** Freightliner Transport Van: Black & White transport van, wheeled vehicle. gray, reflective Agency Name markings and red/blue lights. Equipped with a siren. Can hold a driver and 10 passengers. Dually, five-speed automatic transmission, diesel engine-powered personnel and equipment carrier. Range 120 miles; No ballistic capabilities.	To provide for the safe transport of agency personnel and equipment in high-risk incidents. Operational use under the review of the SWAT Commander or appropriate team supervisor.	Agency-authored orientation course; annual refresher.	$180,000 initial cost $5,000 annual maintenance	VPD Policy 405	10 yrs.
ROBOTICS	**1**	**Bomb Robot** The Remotec ANDROS F6A is a heavy-duty robot. Its stair climbing ability, an arm capable of lifting 65lbs. The F6A also offers multiple communications options, a chassis and manipulator that allow for accessories and tool combinations, and quick-release pneumatic wheels for rapid width reduction.	Only assigned operators who have completed the required training shall be permitted to operate the robots. Use is established by the Bomb Squad Commander and or Incident Commander. Use is established by the Bomb Squad Commander and or Incident Commander.	All robot operators must complete the FBI's 6-week hazardous device school prior to operating the robot.	$250,000 initial cost Annual maintenance and battery replacement cost is approximately $5,000.	VPD Policy 410, 806 Tulare County Consolidated Bomb Squad Operating Procedures	Expired

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ROBOTICS	**6** 1 4 1	**Unmanned Aircraft System (UAS)** Omnidirectional drones that capture complex footage using the latest in camera technology. DJI / Mavic Pro - 25 min flight time and a single-color camera with recording capabilities. DJI / Mavic 2 Zoom - 30 min flight time and a single-color camera with recording capabilities. DJI / Mavic Enterprise - 30 min flight time and has a color and inferred camera as well as audible speaker and light with recording capabilities.	Deployed to assist officers and/or incident commanders with situations such as: major collision investigations, missing persons, natural disaster management, crime scene photography, SWAT, tactical or other public safety and life preservation missions, and in response to specific requests from local, state or federal fire authorities for fire response and or prevention.	UAS operators are licensed by the Federal Aviation Administration (FAA) for UAS operation. In addition, each operator must attend monthly trainings.	DJI / Mavic Pro - $1,400 initial cost; $100 annual maintenance. DJI / Mavic 2 Zoom - $1,900 initial cost; $100 annual maintenance. DJI / Mavic Enterprise - $2,700 initial cost; $100 annual maintenance.	VPD Policy 606 FAA Regulation 14 CFR Part 107	DJI / Mavic Pro -1 year DJI / Mavic 2 Zoom - 2 years DJI / Mavic Enterprise - 3 years
ROBOTICS	**1**	**Robot (Avatar)** 2012 RoboteX Avatar II robot with rubber, articulable tracked arms. 2 cameras and communication capabilities. Remotely controlled. The Avatar® II is a compact, lightweight robotic platform that is part of the RoboteX Avatar® Series. Designed from the ground up for portability, expandability, and ease-of-use, the Avatar® II serves as a useful tool for a variety of users. Remotely controlled, battery life approx. 45 minutes	Allows SWAT operators to remotely and safely clear location of potentially violent suspects without exposing human operators to danger. Operational use under the review of the SWAT Commander or appropriate team supervisor.	Agency-authored orientation course; annual refresher.	$12,500 initial cost $100 annual maintenance cost	VPD Policy 405	10 years

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ROBOTICS	1	**Robot (Scout)** Recon Scout is a rubber wheeled throwable reconnaissance robot. Recon Scout XT, a small throwable reconnaissance robot designed and manufactured by ReconRobotics for use in law enforcement and military applications. 15-20 minutes run time	Allows SWAT operators to remotely and safely clear location of potentially violent suspects without exposing human operators to danger. Operational use under the review of the SWAT Commander or appropriate team supervisor.	Agency-authored orientation course; annual refresher.	$7,500 initial cost	VPD Policy 405	10 years
ROBOTICS	1	**Robot (Transcend))** Transcend's Vantage Robot is a rubber tracked remotely controlled robot equipped with cameras. It's the world's only double-patented automatic stair and obstacle climbing robot for First Responders. 45-60 minutes runtime	Allows SWAT operators to remotely and safely clear location of potentially violent suspects without exposing human operators to danger. Operational use under the review of the SWAT Commander or appropriate team supervisor.	Agency-authored orientation course; annual refresher.	$25,500 initial cost; maintenance cost variable	VPD Policy 405	10 years

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RIFLES (Defined under 30510 & 30515)	**103** **29** **8** **15** **15**	**Colt AR15** **H&K 416** **H&K MP5** **Eagle Arms** **Sig Sauer MCX** The department issued rifle assigned to sworn personnel/SWAT is a light weight, shoulder mounted weapon platform capable of firing a .223 / 5.56 round. The rifle is a semi-automatic (automatic for SWAT) weapon platform capable of firing one round with each trigger press or pull. The rifle is designed to be more accurate than a handgun at both close and further distances. Additionally, the department issues a shoulder mounted weapon platform capable of firing a 9mm round. Thirty round magazines are issued with each rifle. Range 0-200 yards	The purpose of the department issued rifle is to provide officers with superior firepower and accuracy. Patrol Rifle utilization compliance is conducted by shift supervisor assigned to incident in which the patrol rifle is deployed. SWAT Rifle utilization compliance is conducted by SWAT Team Leader and SWAT Commander assigned to incident in which the SWAT rifle is deployed. (As applicable) Training compliance is maintained by the Visalia Police Department Range Staff and the SWAT Team Commander.	Instructors are required to attend a P.O.S.T. certified rifle course. Operators are required to attend our 16 hour P.O.S.T. certified Rifle Course. The course covers several topics including but not limited to policy, maintenance of weapon platform, and weapon manipulations. Operators are also required to attend an 80-hour P.O.S.T. certified Basic SWAT Course. (as applicable)	Colt AR15: $1,203.37 Annual Maintenance Cost: $100 H&K 416: $3,900.00 Annual Maintenance Cost: $100 H&K MP5: $1,800 per rifle Annual Maintenance Cost: $100 Sig Sauer MCX: $1,850.00 Annual Maintenance Cost: $100 Eagle Arms: $749.00 Annual Maintenance Cost: $100	VPD Policy 306, 405	10 yrs.

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RIFLES	**5** **2**	**SIG Sauer SSG3000** **Heckler & Koch MR762A1** SSG3000: The department issued precision rifle is a shoulder fired bolt action rifle capable of firing a .308 caliber round. One round is fired with each trigger pull and the bolt must be cycled in order to fire another round. The rifle is equipped with a 3x14 power scope and 5 round detachable magazine. MR762A1: Is a department issued shoulder fired semi-automatic precision rifle capable of firing a .308 caliber round. One round is fired with each trigger pull. This weapon is equipped with a 20 round magazine. Range 0-900 yards	The department issued precision rifle is capable of providing long range precision fire. Precision Rifle utilization compliance is conducted by SWAT Team Leader and SWAT Commander assigned to incident in which the precision rifle is deployed.	Operators are required to attend a P.O.S.T. approved 40-hour Basic Sniper School	SSG3000: $2,500 initial cost $100 annual maintenance cost H&K MR762A1: $4,343 initial cost $100 annual maintenance cost	VPD Policy 306, 405	10 years

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LESS-LETHAL	**2**	**Launcher (40mm single shot)** LMT Defense 40mm launcher that fires standard 40mm less lethal ammunition. Manufactured exclusively for Defense Technology®, the 40LMTS is a tactical single shot launcher that features an expandable ROGERS Super Stoc and will fire standard 40mm less lethal ammunition, up to 4.8 inches in cartridge length. Launch 40mm less lethal round up to 131 feet.	The purpose of this system is to aid law enforcement in resolving violent confrontations with a less lethal option. They also assist law enforcement in situations in which lethal force may be justified but potentially resolved with a less lethal option. Instructors attend a P.O.S.T. certified Less Lethal Training Course. Operators are trained by certified instructors in topics including the 40mm launcher, shotgun less lethal launcher, pepperball launcher, munition characteristics, target and non-target areas, and practical application.	Instructors attend a P.O.S.T. certified Less Lethal Training Course. Operators are trained by certified instructors in topics including the 40mm launcher, shotgun less lethal launcher, pepperball launcher, munition characteristics, target and non-target areas, and practical application.	$1,000 initial cost	VPD Policy 303, 405	10 yrs.

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LESS-LETHAL	**2**	**Launcher (40mm multi-launcher)**					
	1	Penn Arms P540-1 – Pump Multi-Launcher A 40mm pump-action advance magazine drum launcher with a fixed stock and combo rail. It has a six-shot capacity and rifled barrel. Features include: Double-action trigger, trigger lock push button and hammer lock safeties. See specification sheet for more details.	The purpose of this system is to aid law enforcement in resolving violent confrontations with a less lethal option. They also assist law enforcement in situations in which lethal force may be justified but potentially resolved with a less lethal option. Instructors attend a P.O.S.T. certified Less Lethal Training Course. Operators are trained by certified instructors in topics including the 40mm launcher, shotgun less lethal launcher, pepperball launcher, munition characteristics, target and non-target areas, and practical application.	Instructors attend a P.O.S.T. certified Less Lethal Training Course. Operators are trained by certified instructors in topics including the 40mm launcher, shotgun less lethal launcher, pepperball launcher, munition characteristics, target and non-target areas, and practical application.	$2000 initial cost	VPD Policy 303, 405	N/A
	1	Defense Technology® 1440 40mm Tactical 4-Shot Launcher A low-profile and lightweight design, providing multi-shot capability in an easy to carry launcher. It features the Rogers Super Stoc™ expandable gun stock, an adjustable Picatinny mounted front grip, and a unique direct-drive system. Launch 40mm less lethal round up to 131 feet.					

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LESS-LETHAL	**41**	**Launcher (Bean Bag Shotgun) (Remington 870)** The less lethal shotgun launcher is a standard shotgun capable of firing standard lethal shotgun rounds. Because of this, precautions have been made to ensure lethal rounds are not fired from a shotgun intended for less lethal munitions. No operator will be assigned a lethal and non-lethal shotgun. Only less lethal munitions will be given to an operator assigned a less lethal shotgun. The less lethal shotgun will be outfitted with color markings, i.e. orange, designating it as a less lethal shotgun launcher. . Effective Range 20-75 feet	The purpose of this system is to aid law enforcement in resolving violent confrontations with a less lethal option. They also assist law enforcement in situations in which lethal force may be justified but potentially resolved with a less lethal option. Instructors attend a P.O.S.T. certified Less Lethal Training Course. Operators are trained by certified instructors in topics including the 40mm launcher, shotgun less lethal launcher, pepperball launcher, munition characteristics, target and non-target areas, and practical application.	Instructors attend a P.O.S.T. certified Less Lethal Training Course. Operators are trained by certified instructors in topics including the 40mm launcher, shotgun less lethal launcher, pepperball launcher, munition characteristics, target and non-target areas, and practical application.	Remington 870: $600.00 Annual Maintenance Cost: $35	VPD Policy 303, 405	10 years

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LESS-LETHAL	**2**	**Breaching Shotgun (Remington 870)** The Visalia Police Department utilizes a modified Remington 870 12-gauge shotgun equipped with a breaching barrel and breaching rounds to open locked doors at target locations.	Open locked doors through a directed breaching round at close range. Use is authorized through the SWAT Team Leader and SWAT Commander. Breaching utilization compliance is conducted by SWAT Team Leader and SWAT Commander assigned to incident in which the Breaching Shotgun is deployed.	Agency-authored orientation course; annual refresher.	$800 initial cost; annual maintenance cost: $50	VPD Policy 405	10 years
LESS-LETHAL	**1**	**Chemical Agent Shotgun** The Visalia Police Department utilizes a modified Remington 870 12-gauge shotgun equipped with a CTS TACTICAL LC5 Launching Cup. The LC5 Launching Cups are designed for use with the 5200 series canister grenades. Launch Diversionary Device / Chemical Munitions up to 25 yards	Launch Diversionary Device / Chemical Munitions up to 25 yards when use of those devices is authorized. Visalia Police Department SWAT Team Commander. Chemical agent utilization compliance is conducted by SWAT Team Leader and SWAT Commander assigned to incident in which the Chemical Agent Shotgun is deployed.	Agency-authored orientation course; annual refresher.	$164 initial cost, must be replaced when worn	VPD Policy 303, 405	10 years

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AMMUNITION	**31,000 rounds** **3,000 rounds** **14,000 rounds** **3,000 rounds** **2,500 rounds** **1,000 rounds**	**Rifle Ammunition** Winchester 55 grain fmj Black Hills 68 grain Heavy Match HP Winchester 55 grain soft point Hornady 9mm Luger+P 135 grain Hornady 5.56 NATO 62 grain TAP Hornady .223 Remington 55 grain FMJ The Visalia Police utilizes .223/5.56/9 mm caliber rifle ammunition Winchester USA ammunition was developed to provide excellent performance at an affordable price for the high volume shooter. Featuring high quality Winchester components, this ammunition delivers outstanding reliability. This ammunition is loaded with a full metal jacket bullet which is known for its positive functioning and exceptional accuracy. On impact this bullet does not expand and is ideal for target shooting. This ammunition is new production, non-corrosive, in reloadable brass cases. Hornady® - Arm yourself with ammunition that has been specially designed for tactical situations, from a legendary company that understands bullet design and ballistic physics better than anyone else in the world. Operational range 0-200 yards	Patrol Rifle ammunition is approved for use in training and on patrol for situations which would necessitate the use of the department approved patrol rifle. Training compliance is maintained by the Visalia Police Department Range Staff. Patrol Rifle utilization compliance is conducted by shift supervisor assigned to incident in which the patrol rifle is deployed. SWAT Rifle ammunition is approved for use in training and on SWAT/patrol for situations which would necessitate the use of the department approved SWAT rifle. (as applicable) Training compliance is maintained by the Visalia Police Department Range Staff and the Visalia Police Department SWAT Team Commander. SWAT Rifle utilization compliance is conducted by SWAT Team Leader and SWAT Commander assigned to incident in which the SWAT rifle is deployed.	Instructors are required to attend a P.O.S.T. certified Rifle course. Operators are required to attend our 16 hour P.O.S.T. certified Rifle Course. Operators are also required to attend an 80-hour P.O.S.T. certified Basic SWAT Course.	Winchester 55 grain FMJ: $357 per 1,000 count Black Hills 68 grain HP: N/A, no longer being ordered Winchester 55 grain soft point: 568 per 1,000 count Hornady 9mm Luger+P 135 grain- No longer Purchasing Hornady 5.56 NATO 62 grain TAP- No Longer Purchasing Hornady .223 Remington 55 grain FMJ- No longer Purchasing	VPD Policy 306, 405	N/A

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AMMUNITION	**1,000 rounds** **400 rounds**	**Rifle Ammunition** Hornady .308 WIN 168 grain ELD M TAP Hornady .308 WIN 165 grain GMX TAP BAR ELD TAP: Hornady® 308 WIN TAP 168 gr. ELD® MATCH TAP PRECISION® ammunition was designed as an improvement on the 168 gr. A-MAX TAP PRECISION® load by incorporating the new ELD® Match bullet. The 168 gr. ELD® Match bullet with Heat Shield® tip delivers the excellent terminal performance TAP Precision® is known for, but features a resilient, heat resistant polymer tip that improves the ballistic coefficient, resulting in higher impact velocities, less drop, less wind drift, and more energy on target. GMX TAP: TAP® Heavy Barrier turns cover into concealment. The 165 gr. GMX® TAP® Heavy Barrier is constructed of a monolithic material and has a double-cannelured design. The GMX® bullet penetrates heavy barriers such as 1" laminated glass with exceptional weight retention while still delivering superior terminal performance on the other side. Range 0-900 yards	The department issued precision rifle is capable of providing long range precision fire. Visalia Police Department SWAT Team Commander. Precision Rifle utilization compliance is conducted by SWAT Team Leader and SWAT Commander assigned to incident in which the precision rifle is deployed.	Operators are required to attend a P.O.S.T. approved 40-hour Basic Sniper School.	Hornady 168 grain ELD Tap: $20 per box of 20 rounds Hornady 165 grain GMX Barrier: $29.50 per box of 20 rounds	VPD Policy 306, 405	N/A

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LESS-LETHAL AMMUNITION	**50 rounds** **10 rounds** **20 rounds**	**Breaching Shotgun Munitions** Royal Arms Tesar #2 Black Cap Royal Arms HP Cutter Purple Cap Royal Arms Flash Bang Red Cap 12- gauge shotgun cartridges used for breaching. Black Cap: Defeats: Heavy Locks, Dead-bolts and Hinges (Solid Oak – Steel Doors. Purple Cap: Use: Cuts re-bar, penetrates security glass, car doors, punches into engine blocks. Red Cap: Use: Diversionary / Disorientation / Breaching / Crowd Control. Open locked doors through a directed breaching round at close range.	Open locked doors through a directed breaching round at close range. Use is authorized through the Visalia Police Department SWAT Team Commander or SWAT Team Leader. Breaching utilization compliance is conducted by SWAT Team Leader and SWAT Commander assigned to incident in which the Breaching Shotgun is deployed.	Agency-authored orientation course; annual refresher.	Royal Arms Tesar #2 Black Cap: $25 per box of 5 Royal Arms HP Cutter Purple Cap: $30 per box of 5 Royal Arms Flash Bang Red Cap: $25 per box of 5	VPD Policy 306, 405	N/A

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LESS-LETHAL AMMUNITION	**22**	**Chemical Agent (Hand Deployed)** **Defense-Tec Spede-Heat CS** 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.	The use of chemical agents is meant to induce the occupant of a structure or vehicle to surrender to law enforcement personnel without the need for direct contact. Chemical agent is introduced when all other means of negotiation and voluntary surrender have failed, and the subject remains in a barricaded position. SWAT Deployment. Chemical agent compliance is conducted by SWAT Team Leader and SWAT Commander assigned to incident in which the chemical agent is deployed. MFF Deployment. Chemical agent compliance is conducted by MFF Commander and MFF Team Leaders assigned to incident in which the chemical agent is deployed.	Chemical Agent Instructors attend a P.O.S.T. certified 40-hour course. Chemical Agents will be introduced by the certified chemical agent instructor or under their direct supervision by operators who have been trained in the use of chemical agents and launchers.	$26.92 each	VPD Policy 303, 405	5 years

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LESS-LETHAL AMMUNITION	**4**	**Chemical Agent (Hand Deployed)** **Defense-Tec CS Flameless Tri-Chamber** 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. Hand Deployed	The use of chemical agents is meant to induce the occupant of a structure or vehicle to surrender to law enforcement personnel without the need for direct contact. Chemical agent is introduced when all other means of negotiation and voluntary surrender have failed, and the subject remains in a barricaded position. SWAT Deployment. Chemical agent compliance is conducted by SWAT Team Leader and SWAT Commander assigned to incident in which the chemical agent is deployed.	Chemical Agent Instructors attend a P.O.S.T. certified 40-hour course. Chemical Agents will be introduced by the certified chemical agent instructor or under their direct supervision by operators who have been trained in the use of chemical agents and launchers.	$46.25 each	VPD Policy 303, 405	5 years

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LESS-LETHAL AMMUNITION	**13**	**Chemical Agent (Hand Deployed)** **Defense-Tec Pocket Tactical CS Grenade** The Pocket Tactical CS Grenade is small, and lightweight. The 0.9 oz. of active agent will burn approximately 20-40 seconds. At 4.75 in. by 1.4 inches in size, it easily fits in most tactical pouches. This is a launchable grenade; however, it is normally used as a signaling or covering device. Though this device is slightly over four inches in length, it produces a smoke cloud so fast it appears to be an enveloping screen produced by a full size tactical grenade. Hand Deployed	. The use of chemical agents is meant to induce the occupant of a structure or vehicle to surrender to law enforcement personnel without the need for direct contact. Chemical agent is introduced when all other means of negotiation and voluntary surrender have failed, and the subject remains in a barricaded position. SWAT Deployment. Chemical agent compliance is conducted by SWAT Team Leader and SWAT Commander assigned to incident in which the chemical agent is deployed.	Chemical Agent Instructors attend a P.O.S.T. certified 40-hour course. Chemical Agents will be introduced by the certified chemical agent instructor or under their direct supervision by operators who have been trained in the use of chemical agents and launchers.	$23.15 each	VPD Policy 303, 405	5 years

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LESS-LETHAL AMMUNITION	**4**	**Chemical Agent (Hand Deployed)** **Defense-Tec OC Vapor Aerosol** 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. Hand Deployed	The use of chemical agents is meant to induce the occupant of a structure or vehicle to surrender to law enforcement personnel without the need for direct contact. Chemical agent is introduced when all other means of negotiation and voluntary surrender have failed, and the subject remains in a barricaded position. SWAT Deployment. Chemical agent compliance is conducted by SWAT Team Leader and SWAT Commander assigned to incident in which the chemical agent is deployed.	Chemical Agent Instructors attend a P.O.S.T. certified 40-hour course. Chemical Agents will be introduced by the certified chemical agent instructor or under their direct supervision by operators who have been trained in the use of chemical agents and launchers.	$40.90 each	VPD Policy 303, 405	5 years

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LESS-LETHAL AMMUNITION	**4** **2**	**Chemical Agent (Pepperball)** Pepperball Tippman Launcher Pepperball FTC Launcher The Pepperball Launcher and munitions are considered a non-lethal chemical agent delivery system using high pressure air. The munitions combine chemical agent exposure with kinetic impact and pain. The chemical agent in the munitions is Pepperball Pava. Pava is one of six capsaicinoids found in pepper plants. Pava is non-flammable and found in Tabasco sauce, spice packs and cooking oils. 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. Effective Range 0-100 feet	The purpose of this system is to aid law enforcement in resolving violent confrontations with a less lethal option. They also assist law enforcement in situations in which lethal force may be justified but potentially resolved with a less lethal option. This system allows the possibility of non-lethal resolution with or without impact to the individual. Instructors must attend a P.O.S.T. certified Less Lethal Training Course and/or Pepperball instructor Training Course. Operators must be trained by a certified instructor in topics including Pepperball Launchers, munition or projectile characteristics, target and non-target areas, decontamination, and practical application.	Instructors must attend a P.O.S.T. certified Less Lethal Training Course and/or Pepperball Instructor Training Course. Operators must be trained by a certified instructor in topics including Pepperball Launchers, munition or projectile characteristics, target and non-target areas, decontamination, and practical application.	Pepperball FTC Launcher-----$600 Annual Maintenance Cost: $35 Pepperball Tippman Launcher-----$600 Annual maintenance cost: $35	VPD Policy 303, 405	N/A

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LESS-LETHAL AMMUNITION	**4**	**Chemical Agents (OC Spray)** FIRST DEFENSE® .7% MK-9S HV VAPOR OC AEROSOL The MK-9S features an easy to use trigger handle, is intended for use in crowd management and will deliver 8-10 short bursts of OC at an effective range of 10-15 ft. This .7% MC OC aerosol product utilizes a vapor delivery method providing a high concentration of OC in a powerful mist inflaming the mucous membranes and exposed skin. Onset is immediate and very intense, resulting in an intense burning sensation that evaporates quickly when exposed to fresh air. Non-flammable / Electronic Discharge Weapon (EDW) safe 25-30 feet	High volume OC spray can be used to control vicious animals at a greater distance. It also has applications for crowd control during riot/violent disturbances. Compliance with policy and procedure is reviewed by the direct supervisor at the time of the incident and is further reviewed by the Use of Force Review Board.	All officers utilizing OC spray receive training in deployment and effects of Oleoresin Capsicum during Basic Police Academy.	$46.95 Per Unit	VPD Policy 303, 405	5 years

CATEGORY	QUANTITY	DESCRIPTION (GENERAL, MANUFACTURER'S) & CAPABILITIES	PURPOSE AND AUTHORIZED USES & COMPLIANCE MECHANISMS	TRAINING	FISCAL IMPACT	LEGAL & PROCEDURAL RULES	LIFE SPAN
LESS-LETHAL AMMUNITION	**10**	**Chemical Agent Projectile (Defense-Tec Muzzle Blast 40 MM Round (OC))** The 40 mm Muzzle Blast OC Round is widely used as a crowd management tool for the immediate and close deployment of chemical agent. It can also be employed in tactical operations such as barricaded subjects for area denial, area contamination, and a means of contaminating crawl spaces and attics. As a pain compliance round it is an excellent device for deploying chemical-laden OC powder at close ranges for indoor or outdoor operations. 30 Feet	The use of chemical agents is meant to induce a voluntary surrender or dispersal without the need for direct contact. Chemical agent is introduced when all other means of negotiation and voluntary compliance have failed. Visalia Police Department MFF Commander. Chemical agents compliance is conducted by MFF Commander and MFF Team Leaders assigned to incident in which the chemical agent is deployed.	Chemical Agent Instructors attend a P.O.S.T. certified 40-hour course. Chemical Agents will be introduced by the certified chemical agent instructor or under their direct supervision by operators who have been trained in the use of chemical agents and launchers. assigned to incident in which the chemical agent is deployed.	$21.90 Per unit	VPD Policy 303, 405	5 Years

CATEGORY	QUANTITY	DESCRIPTION (GENERAL, MANUFACTURER'S) & CAPABILITIES	PURPOSE AND AUTHORIZED USES & COMPLIANCE MECHANISMS	TRAINING	FISCAL IMPACT	LEGAL & PROCEDURAL RULES	LIFE SPAN
LESS-LETHAL AMMUNITION	**10**	**Chemical Agent Projectile (Defense-Tec Muzzle Blast 40 MM Round (CS))** The 40 mm Muzzle Blast CS Round is widely used as a crowd management tool for the immediate and close deployment. It can also be employed in tactical operations such as barricaded subjects, room clearing, area denial, and for small space contamination, and a means of contaminating crawl spaces and attics. As a pain compliance round it is an excellent device for deploying chemical-laden CS powder at close ranges for indoor or outdoor operations. The cloud of agent is very effective in filling holes in dispersals lines or engaging crowds at close distances. 30 Feet	The use of chemical agents is meant to induce a voluntary surrender or dispersal without the need for direct contact. Chemical agent is introduced when all other means of negotiation and voluntary compliance have failed Visalia Police Department MFF Commander. Chemical agent compliance is conducted by MFF Commander and MFF Team Leaders assigned to incident in which the chemical agent is deployed.	Chemical Agent Instructors attend a P.O.S.T. certified 40-hour course. Chemical Agents will be introduced by the certified chemical agent instructor or under their direct supervision by operators who have been trained in the use of chemical agents and launchers. assigned to incident in which the chemical agent is deployed.	$20.88 Per Unit	VPD Policy 303, 405	5 Years

CATEGORY	QUANTITY	DESCRIPTION (GENERAL, MANUFACTURER'S) & CAPABILITIES	PURPOSE AND AUTHORIZED USES & COMPLIANCE MECHANISMS	TRAINING	FISCAL IMPACT	LEGAL & PROCEDURAL RULES	LIFE SPAN
LESS-LETHAL AMMUNITION	**2** **2**	**Chemical Agent Projectile** Defense-Tec 40mm Ferret OC Liquid Defense-Tec 40mm Ferret OC Powder Liquid: 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, wallboard and thin plywood. Upon impacting the barrier, the nose cone ruptures and instantaneously delivers a small chemical payload inside of a structure or vehicle. Powder: 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, wallboard and thin plywood. Upon impact the nose ruptures and instantaneously delivers the agent payload inside a structure or vehicle. 50-200 yards	The use of chemical agents is meant to induce the occupant of a structure or vehicle to surrender to law enforcement personnel without the need for direct contact. Chemical agent is introduced when all other means of negotiation and voluntary surrender have failed and the subject remains in a barricaded position. Visalia Police Department SWAT Team Commander. Chemical agent compliance is conducted by SWAT Team Leader and SWAT Commander assigned to incident in which the chemical agent is deployed.	Chemical Agent Instructors attend a P.O.S.T. certified 40-hour course. Chemical Agents will be introduced by the certified chemical agent instructor or under their direct supervision by operators who have been trained in the use of chemical agents and launchers.	40mm Ferret OC Powder Barricade: $18.88 each 40mm Ferret OC Liquid Barricade: $21.35 each	405 Crisis Response VPD SWAT Manual	5 years

CATEGORY	QUANTITY	DESCRIPTION (GENERAL, MANUFACTURER'S) & CAPABILITIES	PURPOSE AND AUTHORIZED USES & COMPLIANCE MECHANISMS	TRAINING	FISCAL IMPACT	LEGAL & PROCEDURAL RULES	LIFE SPAN
LESS-LETHAL AMMUNITION	**8** **9**	**Chemical Agent Projectile** Defense-Tec 40mm Ferret OC Powder Barricade Defense-Tec 40mm Ferret OC Liquid Barricade Powder: 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, wallboard and thin plywood. Upon impacting the barrier, the nose cone ruptures and instantaneously delivers a small chemPowder: The Ferret® 40 mm Barricade Penetrating Round is filled with an OC powder chemical agent. It is non-burning and designed to penetrate barriers. Primarily used to dislodge barricaded subjects, it can also be used for area denial. Primarily used by tactical teams, it is designed to penetrate barriers, such as windows, hollow core doors, wallboard and thin plywood. Upon impact the nose ruptures and instantaneously delivers the agent payload inside a structure or vehicle. Liquid: 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, wallboard and thin plywood. Upon impacting the barrier, the nose cone ruptures and instantaneously delivers a small chemical payload inside of a structure or vehicle. In a tactical deployment situation, the 40mm Ferret is primarily used to dislodge barricaded subjects from confined areas. Its purpose is to minimize the risks to all parties through pain compliance, temporary discomfort and/or incapacitation of potentially violent or dangerous subjects 5-54 yards	The use of chemical agents is meant to induce the occupant of a structure or vehicle to surrender to law enforcement personnel without the need for direct contact. Chemical agent is introduced when all other means of negotiation and voluntary surrender have failed and the subject remains in a barricaded position. Visalia Police Department SWAT Team Commander. Chemical agent compliance is conducted by SWAT Team Leader and SWAT Commander assigned to incident in which the chemical agent is deployed.	Chemical Agent Instructors attend a P.O.S.T. certified 40-hour course. Chemical Agents will be introduced by the certified chemical agent instructor or under their direct supervision by operators who have been trained in the use of chemical agents and launchers.	40 mm Ferret OC Liquid: $20.72 each 40mm Ferret OC Powder: $18.88 each	VPD Policy 303, 405	5 years

CATEGORY	QUANTITY	DESCRIPTION (GENERAL, MANUFACTURER'S) & CAPABILITIES	PURPOSE AND AUTHORIZED USES & COMPLIANCE MECHANISMS	TRAINING	FISCAL IMPACT	LEGAL & PROCEDURAL RULES	LIFE SPAN
	8 **9**	**Chemical Agent Projectile** Defense-Tec 40mm Ferret CS Powder- Barricade Defense-Tec 40mm Ferret CS Liquid- Barricade Powder: The Ferret® 40 mm Barricade Penetrating Round is filled with a CS powder chemical agent. It is non-burning and designed to penetrate barriers. Primarily used to dislodge barricaded subjects, it can also be used for area denial. Primarily used by tactical teams, it is designed to penetrate barriers, such as windows, hollow core doors, wallboard and thin plywood. Upon impact the nose ruptures and instantaneously delivers the agent payload inside a structure or vehicle. Liquid: 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, wallboard and thin plywood. Upon impacting the barrier, the nose cone ruptures and instantaneously delivers a small chemical payload inside of a structure or vehicle.In a tactical deployment situation, the 40mm Ferret is primarily used to dislodge barricaded subjects from confined areas. Its purpose is to minimize the risks to all parties through pain compliance, temporary discomfort and/or incapacitation of potentially violent or dangerous subjects 5-54 yards	The use of chemical agents is meant to induce the occupant of a structure or vehicle to surrender to law enforcement personnel without the need for direct contact. Chemical agent is introduced when all other means of negotiation and voluntary surrender have failed and the subject remains in a barricaded position. Visalia Police Department SWAT Team Commander. Chemical agent compliance is conducted by SWAT Team Leader and SWAT Commander assigned to incident in which the chemical agent is deployed.	Chemical Agent Instructors attend a P.O.S.T. certified 40-hour course. Chemical Agents will be introduced by the certified chemical agent instructor or under their direct supervision by operators who have been trained in the use of chemical agents and launchers.	40mm Ferret CS Powder Barricade: $20.12 each 40mm Ferret CS Liquid Barricade: $20.72 each	VPD Policy 303, 405	5 years

CATEGORY	QUANTITY	DESCRIPTION (GENERAL, MANUFACTURER'S) & CAPABILITIES	PURPOSE AND AUTHORIZED USES & COMPLIANCE MECHANISMS	TRAINING	FISCAL IMPACT	LEGAL & PROCEDURAL RULES	LIFE SPAN
LESS-LETHAL AMMUNITION	**7**	**Chemical Agent Projectile** Defense-Tec 40mm Ferret CS- Liquid 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, wallboard and thin plywood. Upon impacting the barrier, the nose cone ruptures and instantaneously delivers a small chemical payload inside of a structure or vehicle 50-200 yards	The use of chemical agents is meant to induce the occupant of a structure or vehicle to surrender to law enforcement personnel without the need for direct contact. Chemical agent is introduced when all other means of negotiation and voluntary surrender have failed and the subject remains in a barricaded position Visalia Police Department SWAT Team Commander. Chemical agent compliance is conducted by SWAT Team Leader and SWAT Commander assigned to incident in which the chemical agent is deployed	Chemical Agent Instructors attend a P.O.S.T. certified 40-hour course. Chemical Agents will be introduced by the certified chemical agent instructor or under their direct supervision by operators who have been trained in the use of chemical agents and launchers.	$20.72 each	VPD Policy 303, 405	5 years

CATEGORY	QUANTITY	DESCRIPTION (GENERAL, MANUFACTURER'S) & CAPABILITIES	PURPOSE AND AUTHORIZED USES & COMPLIANCE MECHANISMS	TRAINING	FISCAL IMPACT	LEGAL & PROCEDURAL RULES	LIFE SPAN
LESS-LETHAL AMMUNITION	**13**	**Chemical Agent (Shotgun Deployed)** CTS Baffled Canister Def-Tec 12-gauge round CTS 12-gauge launching cartridge Pyrotechnic grenade designed for indoor use delivering a maximum amount of irritant smoke throughout multiple rooms with minimal risk of fire. Deployed with a launching-cup equipped shotgun using a launching cartridge. Def-Tec 12-gauge round used to launch chemical/flash bang munitions. CTS 12-gauge launching cartridge Def-Tec: The 1210 12-Gauge Muzzle Bang / Launching Cartridge incorporates an opaque shell and utilizes black powder as the propellant. It has the ability to be used alone as a Muzzle Bang for crowd management or for propelling grenades when using the 1370 Launching Cup. CTS: Along with their line of canister grenades, CTS also produces a full line of launching cups and cartridges. The LC5 & LC6 launching cups are designed for the 52 & 62 series grenades respectively. The cups can be attached to virtually any 12ga shotgun, and the munitions launched with our Model 2600 and 3600 launching cartridge. Launches up to 25 yards Range: 25 yards	The use of chemical agents is meant to induce the occupant of a structure or vehicle to surrender to law enforcement personnel without the need for direct contact. Chemical agent is introduced when all other means of negotiation and voluntary surrender have failed and the subject remains in a barricaded position. Launch Flash Bang/ Chemical Munitions up to 25 yards when use of those devices is authorized. Visalia Police Department SWAT Team Commander. Chemical agent utilization compliance is conducted by SWAT Team Leader and SWAT Commander assigned to incident in which the Chemical Agent Shotgun is deployed. Visalia Police Department SWAT Team Commander. Chemical agent compliance is conducted by SWAT Team Leader and SWAT Commander assigned to incident in which the chemical agent is deployed.	Chemical Agent Instructors attend a P.O.S.T. certified 40-hour course. Chemical Agents will be introduced by the certified chemical agent instructor or under their direct supervision by operators who have been trained in the use of chemical agents and launchers.	$45.20 each $6.70 per round	VPD Policy 303, 405	5 years

CATEGORY	QUANTITY	DESCRIPTION (GENERAL, MANUFACTURER'S) & CAPABILITIES	PURPOSE AND AUTHORIZED USES & COMPLIANCE MECHANISMS	TRAINING	FISCAL IMPACT	LEGAL & PROCEDURAL RULES	LIFE SPAN
LESS-LETHAL AMMUNITION		**Pepperball Ammunition**					
	Live: 1500	"Live" Red / White • PAVA Payload • 0.5% Chemical Agent • Used for direct impact and area saturation • 0-60 feet (0-18 meters) direct impact/150+ feet (45+ meters) area saturation • Operation temperature range -30F to 150F (-34C to 65C)	The purpose of this system is to aid law enforcement in resolving violent confrontations with a less lethal option. They also assist law enforcement in situations in which lethal force may be justified but potentially resolved with a less lethal option. This system allows the possibility of non-lethal resolution with or without impact to the individual. Training compliance is maintained by the Visalia Police Department Range Staff. Utilization compliance is conducted by incident supervisor and the Use of Force Review Board. .	Instructors must attend a P.O.S.T. certified Less Lethal Training Course and/or Pepperball instructor Training Course. Operators must be trained by a certified instructor in topics including Pepperball Launchers, munition or projectile characteristics, target and non-target areas, decontamination, and practical application.	Live: $853 per 375 count Live-X: $1123 per 375 count Inert: $300 per 375 count Glass Shattering: $245 per 100 count	VPD Policy 303	Live: 3 years Live X: 3 years Inert: N/A Glass Shattering: N/A
	Live X: 905	"Live X" Red / Black • Concentrated version of Live projectile used in high-intensity/MFF/Crowd Control • 5% Chemical Agent • Used for direct impact and area saturation • 0-60 feet (0-18 meters) direct impact/150+ feet (45+ meters area saturation • Operation temperature range -30F to 150F (-34C to 65C)					
	Inert: 1540	"Inert" White / Purple • Used for direct impact and training/qualification • 0-60 feet (0-18 meters) direct impact/150+ feet (45+ meters) area saturation • Operation temperature range -30F to 150F (-34C to 65C) • Scented powder allows ventilation testing					
	Glass Shattering: 130	"Glass Shattering" Break side glass of vehicles and residential • 0-30 feet (0-9 meters) direct impact • Works in all temperatures **NOT FOR USE ON HUMANS**					

CATEGORY	QUANTITY	DESCRIPTION (GENERAL, MANUFACTURER'S) & CAPABILITIES	PURPOSE AND AUTHORIZED USES & COMPLIANCE MECHANISMS	TRAINING	FISCAL IMPACT	LEGAL & PROCEDURAL RULES	LIFE SPAN
		Live--Pepperball Live Projectiles are perfect for direct impact or crowd control situations. Constructed with 100% waterproof, ultrasonically welded shell seams. Live X-- Our most potent and powerful concentration of PAVA pepper powder. At 5% PAVA, a LIVE-X™ round contains double the amount of PAVA chemical agent of a regular Pepperball® LIVE SD™ round. PAVA is based on one of the hottest of the six capsaicinoids found in pepper plants. Pepperball products contain only safe, pure, non-oil based PAVA and are non-flammable. Ingredient consistency ensures each projectile operates with quality and effectiveness. Inert-- Containing a harmless, scented powder, this projectile is best suited for practice or direct impact when chemical exposure is not desired. Glass Shattering-- Used to break side glass of vehicles and residential glass windows.				

CATEGORY	QUANTITY	DESCRIPTION (GENERAL, MANUFACTURER'S) & CAPABILITIES	PURPOSE AND AUTHORIZED USES & COMPLIANCE MECHANISMS	TRAINING	FISCAL IMPACT	LEGAL & PROCEDURAL RULES	LIFE SPAN
LESS-LETHAL AMMUNITION	**1** **1**	**Chemical Agents (OC Spray)** MK-21- High Volume Oleoresin Capsicum (OC) MK-46- Stream Oleoresin Capsicum (OC) Aerosol MK-21- Defense Technologies family of high volume stream, fog and foam aerosol projectors, available in OC, CN, CS and OC/CS, OC/CN blends offer the first line of solutions for the management of crowds. These large canisters are extremely portable, but dispense the volume of agent needed for effective crowd contamination. MK-46- The MK-46 features a trigger handle, is intended for use in crowd management and will deliver 26 short bursts of OC at an effective range of 25-30 ft. This 1.3% 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 25-30 feet	High volume OC spray can be used to control vicious animals at a greater distance. It also has applications for crowd control during riot/violent disturbances. Compliance with policy and procedure is reviewed by the direct supervisor at the time of the incident and is further reviewed by the Use of Force Review Board.	All officers utilizing OC spray receive training in deployment and effects of Oleoresin Capsicum during Basic Police Academy.	MK-21: $100 MK-46: $135	VPD Policy 303, 405	5 years

CATEGORY	QUANTITY	DESCRIPTION (GENERAL, MANUFACTURER'S) & CAPABILITIES	PURPOSE AND AUTHORIZED USES & COMPLIANCE MECHANISMS	TRAINING	FISCAL IMPACT	LEGAL & PROCEDURAL RULES	LIFE SPAN
LESS-LETHAL AMMUNITION	**577**	**Less Lethal Bean Bag Ammunition** 12-gauge Drag Stabilized Bean Bag Round The munition carried by members of the Visalia Police Department is a Defense Technology 12-Gauge Drag Stabilized Bean Bag Round. The 12-Gauge shell is loaded with a 40 gram, tear shaped bag made from a cotton/ballistic blend and filled with #9 shot. The effective range of this munition is 20-75 feet. The Drag Stabilized™ 12-Gauge Round is a translucent 12-Gauge shell loaded with a 40-Gram tear shaped bag made from a cotton and ballistic material blend and filled with #9 shot. This design utilizes four stabilizing tails and utilizes smokeless powder as the propellant. The 12-Gauge Drag Stabilized Round has secured its place as the Law Enforcement Communities' number one choice for specialty impact munitions. This round has a velocity of 270 fps. The effective range of this munition is 20-75 feet.	The purpose of this system is to aid law enforcement in resolving violent confrontations with a less lethal option. They also assist law enforcement in situations in which lethal force may be justified but potentially resolved with a less lethal option. Training compliance is maintained by the Visalia Police Department Range Staff. Bean Bag Shotgun utilization compliance is conducted by shift supervisor assigned to incident in which the Bean Bag shotgun is deployed and the Use of Force Review Board.	Instructors must attend a P.O.S.T. certified Less Lethal Training Course. Operators must be trained by a certified instructor in topics including the shotgun less lethal launcher, munition characteristics, target and non-target areas, and practical application.	$1,952 per 400 count;	VPD Policy 303	5 years

CATEGORY	QUANTITY	DESCRIPTION (GENERAL, MANUFACTURER'S) & CAPABILITIES	PURPOSE AND AUTHORIZED USES & COMPLIANCE MECHANISMS	TRAINING	FISCAL IMPACT	LEGAL & PROCEDURAL RULES	LIFE SPAN
LESS-LETHAL AMMUNITION	**66**	**Direct Impact Less Lethal** Defense-Tec 40mm Direct Impact Sponge Round A less lethal 40mm lightweight plastic and foam projectile fired from a single or multi-round purpose built 40mm grenade launcher with a rifled barrel at 325 FPS. The 30-gram foam projectile delivers 120 ft/lbs. of energy on impact. The 40mm Exact Impact Sponge Round provides accurate and effective performance when fired from the approved distance of not less than five (5) feet and as far as 131 feet from the target. 5-131 feet	The purpose of this system is to aid law enforcement in resolving violent confrontations with a less lethal option. They also assist law enforcement in situations in which lethal force may be justified but potentially resolved with a less lethal option. Instructors must attend a P.O.S.T. certified Less Lethal Training Course. Operators must be trained by a certified instructor in topics including the shotgun less lethal launcher, munition characteristics, target and non-target areas, and practical application.	Instructors must attend a P.O.S.T. certified Less Lethal Training Course. Operators must be trained by a certified instructor in topics including the shotgun less lethal launcher, munition characteristics, target and non-target areas, and practical application.	$17.85 each	VPD Policy 303, 405	N/A

CATEGORY	QUANTITY	DESCRIPTION (GENERAL, MANUFACTURER'S) & CAPABILITIES	PURPOSE AND AUTHORIZED USES & COMPLIANCE MECHANISMS	TRAINING	FISCAL IMPACT	LEGAL & PROCEDURAL RULES	LIFE SPAN
LESS-LETHAL AMMUNITION	**38**	**Direct Impact Less Lethal** Defense-Tec 40mm Exact Impact Sponge Round Ext Range 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, have velocities that are extremely consistent. Used for Crowd Control, Patrol, and Tactical Applications 33-230 feet	The purpose of this system is to aid law enforcement in resolving violent confrontations with a less lethal option. They also assist law enforcement in situations in which lethal force may be justified but potentially resolved with a less lethal option. Instructors must attend a P.O.S.T. certified Less Lethal Training Course. Operators must be trained by a certified instructor in topics including the shotgun less lethal launcher, munition characteristics, target and non-target areas, and practical application.	Instructors must attend a P.O.S.T. certified Less Lethal Training Course. Operators must be trained by a certified instructor in topics including the shotgun less lethal launcher, munition characteristics, target and non-target areas, and practical application	$21.35 each	VPD Policy 303, 405	N/A

CATEGORY	QUANTITY	DESCRIPTION (GENERAL, MANUFACTURER'S) & CAPABILITIES	PURPOSE AND AUTHORIZED USES & COMPLIANCE MECHANISMS	TRAINING	FISCAL IMPACT	LEGAL & PROCEDURAL RULES	LIFE SPAN
LESS-LETHAL AMMUNITION	**5**	**Direct Impact Less Lethal** Defense -Tec 40mm Inert Direct Impact The 40mm Direct Impact® munition is a point-of-aim, point-of-impact direct-fire round. An excellent solution whether you need to incapacitate a single subject or control a crowd. The black nosed inert munition is a great option for training. 5-131 feet	The purpose of this system is to aid law enforcement in resolving violent confrontations with a less lethal option. They also assist law enforcement in situations in which lethal force may be justified but potentially resolved with a less lethal option. Instructors must attend a P.O.S.T. certified Less Lethal Training Course. Operators must be trained by a certified instructor in topics including the shotgun less lethal launcher, munition characteristics, target and non-target areas, and practical application.	Instructors must attend a P.O.S.T. certified Less Lethal Training Course. Operators must be trained by a certified instructor in topics including the shotgun less lethal launcher, munition characteristics, target and non-target areas, and practical application	$17.85 each	VPD Policy 303, 405	N/A

CATEGORY	QUANTITY	DESCRIPTION (GENERAL, MANUFACTURER'S) & CAPABILITIES	PURPOSE AND AUTHORIZED USES & COMPLIANCE MECHANISMS	TRAINING	FISCAL IMPACT	LEGAL & PROCEDURAL RULES	LIFE SPAN
LESS-LETHAL AMMUNITION	**6** **16**	**Direct Impact Chemical Agent** Defense-Tec 40mm Direct Impact CS Defense-Tec 40mm Direct Impact CS Ext. The 40mm Direct Impact® munition is a point-of-aim, point-of-impact direct-fire round. An excellent solution 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. 5-131 feet 33-230 feet Ext.	The purpose of this system is to aid law enforcement in resolving violent confrontations with a less lethal option. They also assist law enforcement in situations in which lethal force may be justified but potentially resolved with a less lethal option. Instructors must attend a P.O.S.T. certified Less Lethal Training Course. Operators must be trained by a certified instructor in topics including the shotgun less lethal launcher, munition characteristics, target and non-target areas, and practical application	Instructors must attend a P.O.S.T. certified Less Lethal Training Course. Operators must be trained by a certified instructor in topics including the shotgun less lethal launcher, munition characteristics, target and non-target areas, and practical application.	40mm Direct Impact CS: $20.88 each 40mm Direct Impact CS Ext.:$21.35 each	VPD Policy 303, 405	7 years

CATEGORY	QUANTITY	DESCRIPTION (GENERAL, MANUFACTURER'S) & CAPABILITIES	PURPOSE AND AUTHORIZED USES & COMPLIANCE MECHANISMS	TRAINING	FISCAL IMPACT	LEGAL & PROCEDURAL RULES	LIFE SPAN
LESS-LETHAL AMMUNITION	**6** **6**	**Less Lethal Indirect Impact Rounds** Defense-Tec 40mm 32-caliber Stinger Defense-Tec 40mm 60-caliber Stinger The Stinger® 40 mm 60-Caliber Round is most widely used as a crowd management tool by Law Enforcement and Corrections. The round contains approximately eighteen 60-Caliber rubber balls. It utilizes smokeless powder as the propellant and has more consistent velocities and tighter patterns compared to its 37 mm counterpart. It is suitable for administering a means of pain compliance over a greater distance than its 32-Caliber Stinger® counterpart. 15-30 feet	The purpose of this system is to aid law enforcement in resolving violent confrontations with a less lethal option. They also assist law enforcement in situations in which lethal force may be justified but potentially resolved with a less lethal option. Instructors must attend a P.O.S.T. certified Less Lethal Training Course. Operators must be trained by a certified instructor in topics including the shotgun less lethal launcher, munition characteristics, target and non-target areas, and practical application.	Instructors must attend a P.O.S.T. certified Less Lethal Training Course. Operators must be trained by a certified instructor in topics including the shotgun less lethal launcher, munition characteristics, target and non-target areas, and practical application.	32-caliber Stinger: $27.05 each 60- caliber Stinger: $28.40 each	VPD Policy 303, 405	5 years

CATEGORY	QUANTITY	DESCRIPTION (GENERAL, MANUFACTURER'S) & CAPABILITIES	PURPOSE AND AUTHORIZED USES & COMPLIANCE MECHANISMS	TRAINING	FISCAL IMPACT	LEGAL & PROCEDURAL RULES	LIFE SPAN
LESS-LETHAL AMMUNITION		**Chemical Agents (Smoke Only)**					
	7	Defense-Tec: Saf-Smoke Grenade (white)- smoke is used as concealment for officer/citizen down rescues. It can also be utilized with Chemical Agent (CS,OC) to multiply the effects.	The purpose of white smoke is to aid Law Enforcement in concealing movements through an open area when conducting officer/citizen rescues.	Chemical Agent Instructors attend a P.O.S.T. certified 40-hour course. Chemical Agents will be introduced by the certified chemical agent instructor or under their direct supervision by operators who have been trained in the use of chemical agents and launchers.	Saf-Smoke: $26.63 each Pocket Tactical Smoke: $22.95 each CTS White Smoke: $32.25 each	VPD Policy 303, 405	5 years
	6	Defense-Tec: Pocket Tactical Grenade Smoke- smoke is used as concealment for officer/citizen down rescues. It can also be utilized with Chemical Agent (CS,OC) to multiply the effects.	Visalia Police Department SWAT Team Commander. Chemical agent compliance is conducted by SWAT Team Leader and SWAT Commander assigned to incident in which the chemical agent is deployed.				
	5	CTS: Smoke (white)- smoke is used as concealment for officer/citizen down rescues. It can also be utilized with Chemical Agent (CS,OC) to multiply the effects. Def-Tec Saf-Smoke- The Saf-Smoke™ Grenade was designed for training, but may also be used in operations. The Saf-Smoke formulation is considered to be less toxic than Hexachloroethane (HC) smoke. The Saf-Smoke Grenade emits a very white smoke. Def-Tec Pocket Tactical Smoke- The Pocket Tactical CS Grenade is small, and lightweight. The 0.9 oz. of active agent will burn approximately 20-40 seconds. This is a launchable grenade; however it is normally used as a signaling or covering device. CTS White Smoke- Pyrotechnic smoke grenade used for concealment or as a signaling device. Hand deployed					

CATEGORY	QUANTITY	DESCRIPTION (GENERAL, MANUFACTURER'S) & CAPABILITIES	PURPOSE AND AUTHORIZED USES & COMPLIANCE MECHANISMS	TRAINING	FISCAL IMPACT	LEGAL & PROCEDURAL RULES	LIFE SPAN
DIVERSION DEVICE	**10**	**Light / Sound Diversionary Device** Defense Technology Diversionary Device The diversoinary device can be hand deployed or by using a pole designed to hold the device securely so that the device can be deployed in elecated locations or where hand deployment would not be desirable. The Low Roll® Distraction Device® is a reloadable gun steel body with hex design. This newest version of the first reusable non-bursting canisters limits movement and rolling once deployed. The diameter of the hex design body is 2.0 in., 5.0 cm. overall length is 5.0 in., 12.7 cm. The Low Roll bodies' ergonomic features complement its powerful output of light, sound and twelve top port configuration which results in an even distribution of gases from the opposing ends of the canister. The distinctive shape and capabilities are tools for dynamic entries for police, corrections, and military tactical teams worldwide. Hand Deployed / Deployed with Diversion Device pole	The light/sound Diversionary Device emits a bright light and accompanying loud sound to temporarily distract/disorient a dangerous individual. The use of light/sound diversionary devices are utilized in a tactical situation in which a temporary distraction or disorientation of the individual is advantageous to safely taking the individual into custody or completing a high-risk entry into a structure or room. The use of diversionary devices is limited to SWAT Team Leaders through approval from the SWAT Commander for planned operations. Emergency deployment is at the discretion of the SWAT Team Leader.	Each SWAT Team member receives training and certification on the use, deployment, and considerations of the use of diversionary devices at Basic SWAT school. Instructors must attend a POST approved Diversionary Device Instructor School consisting of 16 hours of specialized training.	$33.23 each	SWAT Manual	5 years