

Military Equipment

1. **Mobile Command Vehicle (MCV)** – A vehicle used as a mobile dispatch center and/or office that provides heated and cooled shelter, a source of electricity and lighting, access to Department computer systems, and a place for department members to meet at the scene of a critical incident, pre- planned event, natural disaster, or community event.

- a. Description quantity, capabilities, and purchase cost

The MCV is custom built by the Farber Company on a 2 axel Freightliner Chassis that had an initial cost of \$542,608 in 2006. The single unit (1) has a chassis motor which propels the vehicle and a generator which powers all internal electrical components and can provide external power to additional lights or equipment as necessary. The MCV has two full dispatch terminals, space for up to 7 additional workstations, and multiple divider doors that can break up the space into five separate rooms. The MCV has three dedicated cell phone lines and 5 sets of radios that can communicate with all surrounding agencies on both UHF and VHF frequencies.

- b. Purpose

To be used at the scene of any pre planned event, community event, critical event, or natural disaster where a portable office, dispatch center, heated or cooled shelter, supplemental power source and/or meeting location is needed.

- c. Authorized use

Only staff trained in the deployment and operation of the MCV may operate it. Only members that have a California Class B driver's license with air brake endorsement may drive the vehicle.

- d. Lifespan

The MCV has a 30-year lifespan on the chassis and vehicle. Upgrades on technology inside the vehicle will be on an as needed basis.

- e. Fiscal Impact

Annual maintenance cost is approximately \$1,500.00

- f. Training

The drivers shall receive training in the safe handling of the vehicle on a closed training course. Once the operator has shown competence in vehicle handling, the driver will drive the vehicle throughout the city with an experienced driver.

The driver shall also undergo California Department of Motor Vehicle commercial vehicle testing.

g. Legal and Procedural Rules

Use shall be in accordance with California State law regarding the operation of motor vehicles.

2. **Crisis Negotiation Team (CNT) Vehicle-** A vehicle used as a mobile office that provides shelter, access to the Police Department computer systems, and facilities on extended events.

a. Description, quantity, capabilities, and purchase cost

2007 General Motors 4500 Utilimaster (custom built) vehicle, cost: \$149,654, quantity: 1 The CNT vehicle can be utilized with SWAT/CNT callouts and for community events.

b. Purpose

To be utilized for critical incident callouts and community events.

c. Authorized Use

The CNT vehicle is used by officers and staff who have been properly trained in the safe handling of the vehicle. The driver of the vehicle shall have a valid California driver license.

d. Lifespan

The CNT vehicle has a 30-year lifespan on a chassis and vehicle.

e. Fiscal Impact

Annual maintenance, \$600.

f. Training

Once completing a closed training course, the operator will drive the vehicle throughout the city with an experienced driver.

g. Legal and Procedural Rules

Use shall be in accordance with California State law regarding the operation of motor vehicles.

3. **Unmanned Aircraft System (UAS):** An unmanned aircraft along with the associated equipment necessary to control it remotely.

a. Description, quantity, capabilities, and purchase cost of current UAS:

- i. DJI MAVIC MINI, cost: \$500 each, quantity: 20. Miniature UAS that weighs approximately 249 grams and can record video and audio with approximately 30 minutes of flight time.
- ii. DJI MAVIC 2 ENTERPRISE ADVANCED, cost: \$7,500, quantity: 2. UAS that has a color and thermal camera as well as audible speaker and light. Capable of video recording and weighs 909 grams without a payload, approx. 30 minutes of flight time.
- iii. DJI MAVIC ENTERPRISE, cost: \$3,500, quantity: 1. UAS that has a color and thermal camera as well as audible speaker and light. Capable of video recording and weighs 899 grams without a payload, approx. 30 minutes of flight time.
- iv. DJI MAVIC PRO, cost: \$1,500, quantity: 1. UAS that weighs approx. 1.5 pounds, 25-minute flight time and a single-color camera with recording capabilities.
- v. DJI PHANTOM 4, cost: \$1,600, quantity: 1. UAS that weighs approx. 1380 grams, 28-minute flight time and a single-color camera with recording capabilities.
- vi. DJI MATRICE 300 with HT20 camera, cost: \$25,000 each, quantity: 1. UAS that has 45 minutes of flight time, in all weather, has an IR camera, zoom camera and light. Has video recording capabilities.
- vii. DJI MATRICE 210 with Z30 camera, cost: 10,500 each, quantity: 1. UAS that has 30 minutes of flight time without a payload, in all weather, has a zoom camera and light. Has video recording capabilities.
- viii. SKY HERO LOKI 2, cost: 10,500 for a package of 2, quantity: 1. Ruggedized interior tactical UAS that has 16 minutes of flight time. It has a forward facing analog fixed day-night + IR camera allowing it to fly in total darkness. Unable to record video currently.

- ix. SKYDIO 2, cost: \$1,100, quantity: 1. UAS that weighs approx. 775 grams, 27 minutes of flight time. It has a zoom camera and 360-degree accident avoidance. It is unable to fly in darkness.

b. Purpose

To be deployed when its view would assist officers or incident commanders with the following situations, which include but are not limited to:

- i. Major collision investigations.
- ii. Searching for missing persons.
- iii. Natural disaster management.
- iv. Crime scene photography.
- v. SWAT, tactical or other public safety and life preservation missions.
- vi. In response to specific requests from local, state, or federal fire authorities for fire response and/or prevention.

c. Authorized Use

Only assigned operators who have completed the required training shall be permitted to operate any UAS during approved missions.

d. Expected Life Span

All UAS equipment, 3-5 years.

e. Fiscal Impact

Annual maintenance and battery replacement cost is approximately \$10,000.

f. Training

All Department UAS operators are required to obtain a PART 107 license. In addition, each operator must attend a basic department training course and participate in ongoing quarterly training.

g. Legal and Procedural Rules

Use is established under FAA Regulations 14 CFR Part 107, COA, FAA waivers, and the City of Clovis UAS policy. It is the policy of Clovis Police Department to

utilize UAS only for official law enforcement purposes, and in a manner that respects the privacy of our community, pursuant to State and Federal law.

4. **40 MM Launchers and Rounds:** 40MM Launchers are utilized by department personnel as a less lethal tool to launch impact rounds.

a. Description, quantity, capabilities, and purchase cost:

- i. DEFENSE TECHNOLOGY, 40MM SINGLE SHOT LAUNCHER, #1425, cost: \$1000, quantity: 2. The 40MM Single Launcher is a tactical single shot launcher that features an expandable ROGERS Super Stoc and an adjustable Integrated Front Grip (IFG) with light rail. It will fire standard 40mm less lethal ammunition, up to 4.8 inches in cartridge length. It will launch a 40MM less lethal round up to 131 feet and is only authorized to be used by SWAT personnel.
- ii. DEFENSE TECHNOLOGY, 40MM TACTICAL 4-SHOT LAUNCHER, #1440, cost: \$1975, quantity: 2. The 40mm Tactical 4-Shot Launcher is low-profile and lightweight, 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 to advance the magazine cylinder. It will launch a 40MM less lethal round up to 131 feet and is only authorized to be used by SWAT personnel.
- iii. DEFENSE TECHNOLOGY, 40MM EXACT IMPACT SPONGE, #6325, cost: \$18, quantity: 62. 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.
- iv. DEFENSE TECHNOLOGY, SPEDE-HEAT 40MM LONG-RANGE, CS, #6182, cost: \$30, quantity: 34. The SPEDE-HEAT CS Long-Range Munitions delivers one chemical canister of CS agent from a 40 mm launcher down range up to 150 yards. The Spede-Heat is a pyrotechnic round designed specifically for outdoor use in crowd control situations with a high-volume continuous burn that expels its payload in approximately 20-40 seconds from a single source. The Spede-Heat family may be used to conceal tactical movement or to route a crowd.

v. DEFENSE TECHNOLOGY, SPEDE-HEAT 40MM LONG-RANGE ROUND, SAF SMOKE, #6183, cost: \$27, quantity: 12. The Spede-Heat Saf-Smoke Long Range Munitions is designed to deliver one chemical canister of Saf-Smoke™ payload down range up to 150 yards. The Spede-Heat is a pyrotechnic round designed specifically for outdoor use in crowd control situations with a high-volume continuous burn that expels its payload in approximately 20-40 seconds from a single source. The Spede- Heat 40 mm is designed for outdoor and has a maximum effective range of 150 yards.

b. Purpose:

To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.

c. Authorized Use:

i. Situations for use of the less lethal weapon systems may include, but are not limited to:

ii. Self-destructive, dangerous and/or combative individuals. Riot/crowd control and civil unrest incidents.

iii. Circumstances where a tactical advantage can be obtained. Potentially vicious animals.

iv. Training exercises or approved demonstrations.

v. By officers who have been trained in their proper use.

d. Lifespan:

i. Defense Technology #1425- 25 years.

ii. Defense Technology #1440- 15 years.

iii. Model 6182 Defense Technology Spede-Heat 40 MM long-range, CS- 5 years.

iv. Model 6183 Spede-Heat 40mm Long-range Round, Saf Smoke- 5 years.

e. Fiscal Impact:

Annual maintenance is approximately \$50 for each launcher.

f. Training:

Sworn members utilizing 40MM less lethal chemical agents or impact rounds are trained in their use by POST certified and/or Defense Technology less lethal and chemical agent instructors.

g. Legal and Procedural Rules:

The 40mm launchers are to be used only for official law enforcement purposes and pursuant to State and Federal law, including those regarding the use of force.

5. **Distraction Devices:** A device used to distract dangerous persons.

a. Description, quantity, capabilities, and purchase cost:

Defense Technology, 7290-2 FLASH-BANG, cost: \$52, quantity: 39. A non-bursting, non-fragmenting multi-bang device that produces a thunderous bang with an intense bright light. Ideal for distracting dangerous suspects during assaults, hostage rescue, room entry or other high-risk arrest situations.

b. Purpose:

A distraction device is ideal for distracting dangerous suspects during assaults, hostage rescue, room entry or other high-risk arrest situations. To produce atmospheric over-pressure and brilliant white light and, as a result, can cause short-term (6 - 8 seconds) physiological/psychological sensory deprivation to give officers a tactical advantage.

c. Authorized Use:

Diversionary Devices shall only be used:

- i. In hostage and barricaded subject situations.
- ii. In high-risk warrant (search/arrest) services where there may be extreme hazards to officers.
- iii. During other high-risk situations where their use would enhance officer safety.
- iv. During training exercises or approved demonstrations.

v. By officers who have been trained in their proper use.

d. Lifespan:

Until used.

e. Fiscal Impact:

No annual maintenance.

f. Training:

Prior to use, officers must attend divisionary device training that is conducted by Post certified instructors and/or Defense Technology.

g. Legal and Procedural Rules:

Diversion devices are to be used only for official law enforcement purposes and pursuant to State and Federal law, including those regarding the use of force.

6. **Chemical Agent and Smoke Canisters:** Canisters that contain chemical agents that are released when deployed.

a. Description, quantity, capabilities, and purchase cost:

i. DEFENSE TECHNOLOGY, TRIPLE-CHASER SEPARATING CANISTER, CS, #1026, cost: \$47, quantity: 18. The Triple-Chaser CS consists of three separate canisters pressed together with separating charges between each. When deployed, the canisters separate and land approximately 20 feet apart allowing increased area coverage in a short period of time. This canister can be hand thrown or launched from a fired delivery system. The canister is 6.5 in. by 2.7 in. and holds an approximately 3.2 oz. of active agent payload. It has an approximate burn time of 20-30 seconds.

ii. DEFENSE TECHNOLOGY, RIOT CONTROL CONTINUOUS DISCHARGE GRENADE, CS, #1082, cost: \$27, quantity: 9. The Riot Control CS Grenade is designed specifically for outdoor use in crowd control situations with a high volume continuous burn that expels its payload in approximately 20-40 seconds through four gas ports located on the top of the canister. This grenade can be used to conceal tactical movement or to route a crowd. The

volume of smoke and agent is vast and obtrusive. This launchable grenade is 6.0 in. by 2.35 in. and holds approximately 2.7 oz. of active agent.

- iii. DEFENSE TECHNOLOGY, FLAMELESS EXPULSION CS GRENADE, #2042, cost: \$48, quantity: 8. The CS Flameless Expulsion Grenade is a compact, non-pyrotechnic, chemical agent device that provides safe expulsion without risk of fire. It is safe to use inside of a residence. Unlike pyrotechnical grenades, this device's contents are expelled upon actuation of a CO2 cartridge that will affect a confined area of approximately 1500 square feet. This grenade is 7.5 in. by 1.65 in. and delivers approximately .16 oz. of active agent during its 3-second discharge time.

- iv. DEFENSE TECHNOLOGY, MAXIMUM HC SMOKE MILITARY-STYLE CANISTER, #1083, cost: \$38, quantity: 18. The Military-Style Maximum Smoke Grenade comes from the Defense Technology #3 smoke grenade. It is a slow burning, high volume, continuous discharge grenade designed for outdoor use in crowd management situations. Emits grey-white smoke only for approximately 1.5 to 2 minutes.

- v. DEFENSE TECHNOLOGY, POCKET TACTICAL BLUE SMOKE GRENADE, #1017B, cost: \$39, quantity: 3. The Pocket Tactical Blue Smoke Grenade is a small, lightweight device. Though it is slightly over four inches in length, it produces a blue smoke cloud so fast it appears to be an enveloping screen produced by a full size tactical colored smoke grenade. It will burn approximately 20-40 seconds.

- vi. DEFENSE TECHNOLOGY, RIOT CONTROL CONTINUOUS DISCHARGE CS GRENADE, #1080, cost \$41, quantity: 8- The Riot Control OC Grenade is designed specifically for outdoor use in crowd control situations with a high-volume continuous burn that expels its payload in approximately 20-40 seconds through four gas ports located on the top of the canister. This grenade can be used to conceal tactical movement or to route a crowd. The volume of smoke and agent is vast and obtrusive. This launchable grenade is 6.0 in. by 2.35 in. and holds approximately 0.88 oz. of active agent.

- vii. DEFENSE TECHNOLOGY, OC VAPOR AEROSOL GRENADE, #1056, cost: \$49, quantity: 12. 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 with minimal decontamination needed. 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.

- viii. DEFENSE 1.3% MK-46V STREAM OC AEROSOL #43046, cost: \$495, quantity: 1. 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.

- ix. DEFENSE TECHNOLOGY, SPEDE-HEAT CS, #1072, cost: \$40, quantity: 72. The Spede-Heat CS Grenade is a high volume, continuous burn it expels its payload in approximately 20-40 seconds. The payload is discharged through four gas ports on top of the canister, three on the side and one on the bottom. This launchable grenade is 6.12 in. by 2.62 in. and holds approximately 2.9 oz. of active agent. It is delivered in a burn safe for safety.

- x. DEFENSE TECHNOLOGY, SPEDE-HEAT POCKET TACTICAL CS, # 1072 cost: \$30, quantity: 62. Pocket Tactical Grenade, CS. The Pocket Tactical CS Grenade is a quick burning, reduced volume, continuous discharge grenade. Pelletized chemical agent is discharged through one (1) gas port located on the bottom of the canister. The Pocket Tactical Grenade is a small, lightweight, easily carried device that provides a medium volume of chemical agent. The 0.9 oz. of active agent will burn approximately 20-40 seconds. It is delivered in a tomahawk burn safe for safety.

- xi. DEFENSE TECHNOLOGY, RUBBER BALL STINGERS CS, cost \$ 30, quantity: 13: The Stinger Grenade is most widely used as a crowd management tool by Law Enforcement and Corrections. The Stinger Grenade has an initial 1.5 second delay that initiates fuze assembly separation, followed by another .5 second delay before the blast which is sufficient to project the rubber balls and chemical agent in a 50-foot radius.

- xii. DEFENSE TECHNOLOGY, STINGERS OC, cost \$ 30, quantity: 8: The Stinger OC Grenade is a maximum effect device that delivers four stimuli for psychological and physiological effects: rubber pellets, light, sound, and OC. The Stinger Grenade is most widely used as a crowd management tool by Law Enforcement and Corrections. The Stinger Grenade has an initial 1.5 second delay that initiates fuze assembly separation, followed by another .5 second delay before the blast which is sufficient to project the rubber balls and chemical agent in a 50-foot radius.

b. Purpose:

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

Self-destructive, dangerous and/or combative individuals. Riot/crowd control and civil unrest incidents.

Circumstances where a tactical advantage can be obtained. Potentially vicious animals.

c. Authorized Use:

Only officers who have been trained in proper use in the use of chemical agents are authorized to use chemical agents.

d. Lifespan:

5 years from manufacturing date.

e. Fiscal Impact:

No annual maintenance.

f. Training:

Sworn members utilizing chemical agent canisters are certified by POST and/or Defense Technology less lethal and chemical agent instructors.

g. Legal and Procedural Rules:

Chemical agents will only be used for official law enforcement purposes and pursuant to State and Federal law.

7. **Armored Vehicles: Wheeled armored personnel vehicle utilized for law enforcement purposes.**

a. Description, quantity, capabilities, and purchase cost

- i. MRAP, cost: \$0, quantity: 1. The MRAP is a United States Army specialized armored vehicle manufactured of common commercial and military parts. It seats 10-12 personnel with open floor plan that allows for rescue of down personnel. It stops various projectiles, which provides greater safety to citizens and officers beyond the protection level of shield and personal body armor.

- ii. Lenco Bearcat, G3, cost: \$431,133.42, quantity 1. The Lenco Bearcat, G3, is an armored vehicle that seats 10-12 personnel with open floor plan that allows for rescue of down personnel. It can stop various projectiles, which provides greater safety to citizens and officers beyond the protection level of a shield and personal body armor.

b. Purpose

To be used in response to critical incidents to enhance officer and community safety, improve scene containment and stabilization, and assist in resolving critical incidents.

c. Authorized Use

The use of armored vehicles shall only be authorized by a watch commander or SWAT commander, based on the specific circumstances of a given critical incident. Armored vehicles shall be used only by officers trained in their deployment and in a manner consistent with Department policy and training.

d. Lifespan

Estimated 15-25 years.

e. Fiscal Impact

Annual maintenance of approximately \$5,000.

f. Training

All drivers/operators shall attend formalized instruction and be trained in vehicle operations and practical driving. MRAP drivers are required to possess a valid Class B California driver license. The Bearcat may be driven by any Clovis Police Officer trained in the operation of the Bearcat.

g. Legal and Procedural Rules

The department will only use the MRAP and Bearcat for official law enforcement purposes, and pursuant to State and Federal law.

8. **Explosive Breaching Tools:** Tools that are used to conduct an explosive breach.

a. Description, quantity, capabilities, and purchase cost

- i. Detonating Cord, cost: \$1 per foot, quantity: 90 feet. The detonating

cord is a thin, flexible plastic tube usually filled with pentaerythritol tetranitrate (PETN, pentrite). With the PETN exploding at a rate of approximately 6400 m/s, any common length of detonation cord appears to explode instantaneously. It is a high-speed fuse which explodes, rather than burns, and is suitable for detonating high explosives. Detonating cord is the primary explosive used to defeat doors, walls, windows, and other barricades for SWAT Operators to safely make entry into a specific location, or create distraction, with no risk to the person inside of the room being breached.

- ii. Blasting Cap, cost: \$12, quantity: 9. A blasting cap is a small sensitive primary explosive device generally used to detonate a larger, more powerful, and less sensitive secondary explosive such as TNT, dynamite, or plastic explosive. Blasting caps come in a variety of types, including non-electric caps, electric caps, and fuse caps.
- iii. Nonel, cost: \$429.00 per case, Quantity: 10 total. Nonel is a zero-delay shock tube that contains a reactive explosive compound that provides a safe distance from the explosive initiator to the explosive charge that is placed on the target that is going to be breached.
- iv. Remington 870 Express Breaching Shotgun, cost: \$500, quantity: 2. This weapon allows for breachers to safely utilize shotgun breaching rounds to destroy deadbolts, locks, and hinges. The stand-off that is attached to the end of the barrel allows for positive placement of the gun into the correct position and vents gases to prevent overpressure. This weapon can also defeat windows and sliding glass doors with a flash bang round. A less lethal 2.4-inch 12-gauge shotgun round firing a ballistic fiber bag filled with 40 grams of lead shot at a velocity of 270-290 feet per second (FPS).
- v. Royal Arms Tesar-2 Back Cap 425 Grain Copper Frangible Breaching Round, cost: \$5 per round, quantity: 50. The round is fired from a breaching shotgun and is used to destroy deadbolts, locks, and hinges.
- vi. Royal Arms Tesar-4 Yellow Cap 750 Grain Copper Frangible Breaching Round, cost: \$5 per round, quantity: 45. The round is fired from a breaching shotgun and is used to destroy deadbolts, locks, and hinges.

- vii. Royal Arms HP C, cost: \$6 per round, quantity: 20. The round is fired from a breaching shotgun and is used to cut rebar, penetrate security glass, car doors, and can penetrate engine blocks.
- viii. Royal Arms FTR-P1 12 Gauge Frangible Polyshot Training Rounds 48, cost: \$2.50 per round, quantity 48. The round is fired from a breaching shotgun and used as a training tool to show how to effectively use and deploy a breaching shotgun.

b. Purpose

To safely force entry into a structure.

c. Authorized Use

Explosive breaching may only occur after authorization by the Incident Commander or SWAT Commander in the field, and during training exercises.

d. Lifespan

Breaching Shotgun- 25 years, Blasting Caps- 10 years, Detonating cord- 10 years,

Royal Arms Tesar-2 black cap 425 grain copper breaching round- 5 years,

Tesar-4 yellow cap 750 grain copper frangible breaching round- 5 years, Royal Arms HP cutter 12-gauge hollow point rebar cutter breaching round- 5 years

e. Fiscal Impact

Annual maintenance is approximately \$500.

f. Training

All officers who use explosive breaching tools shall attend 40 hours of explosive breaching instruction and must additionally receive quarterly training for explosive operations.

g. Legal and Procedural Rules

Breaching tools will only be used for official law enforcement purposes, and pursuant to State and Federal law.

9. **Less Lethal Shotgun:** Less Lethal Shotguns are used to deploy the less lethal 12-gauge Defense Technology Beanbag Round.

a. Description, quantity, capabilities, and purchase cost

- i. REMINGTON 870 LESS LETHAL SHOTGUN, cost: \$946, quantity: 19. The Remington 870 Less Lethal Shotgun is used to deploy the less lethal 12-gauge Defense Technology Beanbag Round up to 75 feet. The range of the weapon system helps to maintain space between officers and a suspect reducing the immediacy of the threat which is a principle of De-escalation.
- ii. DEFENSE TECHNOLOGY DRAG STABILIZED 12 GAUGE BEAN BAG ROUND: cost: \$5, quantity: 500. A less lethal 2.4 -inch translucent 12-gauge shotgun round in a tear shaped bag filled with 40 grams of lead shot at a velocity of 270 feet per second (FPS). Bean bag rounds are discharged from a dedicated 12-gauge shotgun that is distinguishable by an orange butt stock and fore grip. This design utilizes four stabilizing tails and utilizes smokeless powder as a propellant. This round provides accurate and effective performance when fired from the approved distance of not fewer than five (5) feet. The maximum effective range of this munition is up to 75 feet from the target. The Bean Bag round is very accurate. However, effectiveness depends on many variables, such as distance, clothing, stature, and the point where the projectile impacts.

b. Purpose

To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.

c. Authorized Use

Only Officers who have been instructed on and demonstrated proficient use of this force option are allowed to deploy and utilize it.

Situations for use of the less lethal weapon systems may include, but are not limited to:

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

v. Training exercises or approved demonstrations.

d. Lifespan

Remington 870 Less-lethal shotgun- 25 years, Defense Technology Bean Bag rounds- No expiration.

e. Fiscal Impact

Annual maintenance is approximately \$5.00 per shotgun.

f. Training

All officers are trained in the use of the 12 gauge less lethal shotgun as a less lethal option through in-service training.

g. Legal and Procedural Rules

Less lethal shotguns are to be used only for official law enforcement purposes, and pursuant to State and Federal law.

10. **Robot:** A remotely controlled, unmanned machine that operates on the ground, which is utilized to enhance the safety of the community and officers.

a. Description, quantity, capabilities, and purchase cost

ICOR Caliber T5, Cost: \$120,000, Quantity: 1, Capabilities: It is a compact, two-man portable system that shares the same core design of a large robot. Able to climb stairs and provide disruption capabilities. The T5 is best suited to assist EOD and SWAT teams in inspecting and retrieving of suspicious devices from narrow passages of buses, trains, and places. It's turreted claw/disruptor arm integrates the remote handling capabilities of a disruptor. Able to lift to 45 pounds with arm retracted and 18 pounds with arm extended. Capable of dragging 200+ pounds.

b. Purpose

To be used to remotely obtain visual and audio intelligence, remotely bring any medium weight items to a safe location, disrupt suspicious packages, X-ray,

search buildings/indoor or outdoor areas, provide phones or other items to people during Crisis Negotiations.

c. Authorized Use

Only approved operators who have completed the required training are authorized to use this equipment. These personnel are restricted to EOD team members only and the use is authorized by the Bomb Squad Commander and requested by the Incident Commander incidents.

d. Expected Lifespan

8-10 Years

e. Fiscal Impact

Maintenance and battery replacement at about \$1,200 annually.

f. Training

Only EOD team members who have attended HDS six-week certification course or who have completed other necessary training as approved by the Bomb Commander.

g. Legal and Procedural Rules

The robot is to be used only for official law enforcement purposes, and in a manner that respects the privacy of our community, pursuant to State and Federal law.

I. Maintenance of Military Use Supply Levels

When stocks of military equipment such as less lethal rounds, gas canisters, UAS batteries, etc. have reached significantly low levels or have been exhausted, the Department may order an amount sufficient to replenish the supply up to the above listed amounts without city council approval to maintain essential availability for the Department's needs. Clovis Police Department may also acquire additional stock of items listed here from other law enforcement agencies or CalOES in the event of an emergency when approved by the Chief of Police or designee.