

# Santa Maria Police Department

## Military Equipment Inventory

### Attachment A

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

a. CURRENT description, quantity, capabilities, and purchase cost of UAS:

- i. DJI MAVIC MINI, cost: \$650 each, quantity: 2. Miniature UAS that weighs approximately 249 grams and can record video and audio with approximately 30 minutes of flight time.
- ii. DJI MAVIC ENTERPRISE DUALS, cost: \$5,500 each, quantity: 2. UAS that has a color and infrared (IR) camera as well as audible speaker and light. Capable of video recording and weighs 899 grams, approx. 30 minutes of flight time.
- iii. DJI MAVIC PRO, cost: \$2000, quantity: 2. UAS that weighs approx. 1.5 pounds, 25 min flight time and a single-color camera with recording capabilities.

b. PROPOSED description, quantity, capabilities, and purchase cost of UAS:

- i. DJI M300 with HT20, cost: \$30,000 each, quantity: 1. UAS that has 45 minutes of flight time, in all weather, has an IR camera, zoom camera and light. This UAS has video recording capabilities.
- ii. Brinc Lemur S, cost: \$30,000 each, quantity: 2. UAS has a 31-minute flight time, two-way communications, self-righting, camera, and infrared capability. This UAS has video recording capabilities.
- iii. Autel Robotics EVO II Dual, cost: \$10,500 each, quantity: 2. UAS that has 40 minutes of flight time, in all weather, has an IR camera, zoom camera, speaker, and spotlight. This UAS has video recording and broadcasting capabilities.

c. Purpose

- i. To be deployed when its view would assist officers or incident commanders with the following situations, which include but are not limited to:
  1. Major collision investigations.
  2. Search for missing persons.
  3. Natural disaster management.
  4. Crime scene photography.
  5. SWAT, tactical or other public safety and life preservation missions.

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6. In response to specific requests from local, state, or federal fire authorities for fire response and/or prevention.

d. Authorized Use

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

e. Expected Life Span

i. All UAS equipment, 3-5 years.

f. Fiscal Impact

i. Annual maintenance and battery replacement cost is approximately \$15,000.

g. Training

i. All Department UAS operators are licensed by the Federal Aviation Administration for UAS operation. In addition, each operator must attend initial department and ongoing training.

h. Legal and Procedural Rules

i. Use is established by FAA Regulation 14 CFR Part 107, and the Santa Maria Police Department UAS policy. It is the policy of the SMPD 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.

2. **Armored Vehicles:** Commercially produced wheeled armored rescue personnel vehicle utilized for civilian law enforcement purposes.

a. Description, quantity, capabilities, and purchase cost

i. 2015 Lenco BEARCAT, G2, cost: \$243,300.00, quantity: 1. The Lenco Bearcat, G2, is an armored rescue vehicle (ARV) that seats 10-12 personnel with open floor plan that allows for rescue of injured personnel. It can stop various projectiles, which provides greater safety to citizens and officers beyond the protection level of shield and personal body armor.

ii. 2019 Lenco BEARCAT, G2, cost: \$291,646.00, quantity: 1. The Lenco Bearcat, G2, is an armored rescue vehicle that seats 10-12 personnel with open floor plan that allows for rescue of injured personnel. It can stop various projectiles, which provides greater safety to citizens and officers beyond the protection level of shield and personal body armor.

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This vehicle is equipped with a boom device cable of deploying chemical munitions and a camera for live feeds.

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

d. Lifespan

Lenco Bearcat models G2 and G3, 25 years.

e. Fiscal Impact

Annual maintenance cost of approximately \$3,000 each.

f. Training

All driver/operators shall attend internal training in the operations and practical driving of the vehicles.

g. Legal and Procedural Rules

Use is established under Department policy. It is the policy of the Department to utilize armored rescue vehicles only for official law enforcement purposes, and pursuant to State and Federal law. Operators must have a valid California State Class C license to drive these vehicles.

3. **Mobile Incident Command Vehicle (MIC):** A mobile office vehicle that provides shelter, access to Department computer / communication systems, and areas to plan / coordinate.

a. Description, quantity, capabilities, and purchase cost

2009 Chevrolet C5500 chassis vehicle, cost: \$200,000.00, quantity: 1. The MIC can also be utilized for SWAT/CNT and other critical incidents, preplanned large events, searching for missing persons, natural disasters, and community events.

b. Purpose

To be used based on the specific circumstances of a given critical incident, large event, natural disaster, or community event that is taking place.

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c. Authorized Use

Only officers trained in the deployment and operations of the MIC, in a manner consistent with Department policy and training, are authorized to operate it. Operators must have a valid California State Class C license to drive the MIC. Situations which the MIC is authorized for use would include but not be limited to critical incidents, emergencies, and natural disasters.

d. Lifespan

The MIC's lifespan is estimated to be 20 years. Upgrades to technology inside the MIC will be required only when the department upgrades IT related items.

e. Fiscal Impact

Annual maintenance cost is approximately \$3,000.

f. Training

The driver/operator shall receive training in the safe handling of the vehicle. Once the operator has shown competence in vehicle handling, the driver/operator will drive the vehicle throughout the City with an experienced driver.

g. Legal and Procedural Rules

It is the policy of the Department to use the MIC only for official law enforcement purposes, and in accordance with California State law regarding the operation of motor vehicles.

4. **Community Event Vehicle, High-Mobility Multi-Wheeled Vehicle (HMMWV):** This HMMWV is a former military vehicle used for community events and public relations. All military markings and colors have been removed.

a. Description, quantity, capabilities, and purchase cost

1987 American General HMMWV, four-wheeled drive vehicle, cost: \$0, quantity: 1. This vehicle is a High-Mobility Multi-Wheeled Vehicle (HMMWV) acquired by the SMPD through the federal military equipment acquisition program. It was acquired at no cost to the department. The HMMWV is designed to be operated through rough terrain and harsh weather conditions.

b. Purpose

This vehicle's primary purpose is for use during community and public relations events. It is meant to enhance the relationship between the community and

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members of this department by creating interest or attention thereby leading to conversation.

c. Authorized Use

Only trained staff are permitted to operate this vehicle in accordance with department policy and local, state, and federal laws.

d. Lifespan

Undetermined; however, these vehicles are designed to withstand harsh conditions which should extend its lifespan.

e. Fiscal Impact

Annual maintenance cost is approximately \$1,000.

f. Training

The driver/operator shall receive training in the safe handling of the vehicle. Once the operator has shown competence in vehicle handling, the driver/operator will drive the vehicle throughout the City with an experienced driver.

g. Legal and Procedural Rules

It is the policy of the Department to use the HMMWV only for official law enforcement purposes, and in accordance with California State law regarding the operation of motor vehicles.

5. **40 MM Launchers and Rounds:** 40MM Launchers are utilized by department personnel as a less lethal tool to launch impact rounds and chemical munitions.

a. CURRENT description, quantity, capabilities, and purchase cost for stock

- i. LAUNCHER, DEFENSE TECHNOLOGY, 40MM SINGLE SHOT LAUNCHER, #1425, cost: \$1000, quantity: 9. 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 trained personnel.
- ii. LAUNCHER, PENN ARMS, 40MM MULTI-LAUNCHER, 5 INCH, MODEL #P540-1, cost: \$3300, quantity: 1. A less lethal 40mm pump-

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action advance magazine drum launcher with a fixed stock and combo rail. It has a six-shot capacity and rifled barrel, designed to fire 40MM chemical and impact (less lethal) munitions. Only SWAT personnel are authorized to use this less lethal weapon system.

- iii. MUNITION: HECKLER AND KOCH, 40MM SINGLE-SHOT LAUNCHER, MODEL #69A-1, cost: \$500 (estimate), quantity: 3. The 40MM single launcher is a tactical single shot launcher that features an expandable stock. It will fire standard 40mm less lethal ammunition, up to 4.8 inches in cartridge length. It will launch a 40MM less lethal round and is only authorized to be used by trained personnel only.
- iv. MUNITION: DEFENSE TECHNOLOGY, 40MM EXACT IMPACT SPONGE, #6325, cost: \$20, quantity: 160. A less lethal 40mm lightweight plastic and foam projectile fired from a single or multi-round purpose built 40mm canister 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.
- v. MUNITION: DEFENSE TECHNOLOGY, 40MM EXTENDED RANGE EXACT IMPACT SPONGE, #6325LE, cost: \$20, quantity: 30. A less lethal 40mm lightweight plastic and foam projectile fired from a single or multi-round purpose built 40mm canister launcher with a rifled barrel. The 40mm extended range exact impact sponge round provides accurate and effective performance when fired from the approved distance of not less than 10 to 70 meters from the target.
- vi. MUNITION: DEFENSE TECHNOLOGY, 40MM DIRECT IMPACT OC, #6320, cost: \$30, quantity: 40. A less lethal 40MM lightweight plastic and crushable foam projectile fired from a single or multi-round purpose-built 40mm canister launcher with a rifled barrel at 295 FPS. The 39-gram crushable foam projectile delivers 120 ft/lbs. of energy upon impact in addition to dispersion of 5 grams of OC irritant. The 40mm Direct Impact OC Round provides accurate and effective performance when fired from the approved distance of not less than five (5) feet and as far as 120 feet from the target.
- vii. MUNITION: DEFENSE TECHNOLOGY, 40MM DIRECT IMPACT CS, #6322, cost: \$30, quantity: 40. A less lethal 40MM lightweight plastic and crushable foam projectile fired from a single or multi-round purpose-built 40mm canister launcher with a rifled barrel at 295 FPS. The 39-gram crushable foam projectile delivers 120 ft/lbs. of energy upon impact in addition to dispersion of 5 grams of CS irritant. The 40mm Direct Impact

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CS Round provides accurate and effective performance when fired from the approved distance of not less than five (5) feet and as far as 120 feet from the target.

- viii. MUNITION: DEFENSE TECHNOLOGY, FERRETT 40MM OC LIQUID BARRICADE PENETRATOR ROUND, #2260, cost: \$23, quantity: 20. A less lethal 40MM round used 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.
- ix. MUNITION: DEFENSE TECHNOLOGY, FERRETT 40MM CS LIQUID BARRICADE PENETRATOR ROUND, #2262, cost: \$23, quantity: 20. A less lethal 40MM round used 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.
- x. MUNITION: DEFENSE TECHNOLOGY, SPEDE-HEAT 40MM LONG-RANGE, CS, #6182, cost: \$30, quantity: 10. 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.
- xi. MUNITION: DEFENSE TECHNOLOGY, SPEDE-HEAT 40MM LONG-RANGE ROUND, SAF SMOKE, #6183, cost: \$27, quantity: 10. 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.

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- xii. MUNITION: DEFENSE TECHNOLOGY, 40MM ROUND MUZZLE BLAST, with OC, #6040, cost: \$28, quantity: 10. 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. It has a maximum effective range of 30 feet /9.1 meters.
  - xiii. MUNITION: DEFENSE TECHNOLOGY, FERRETT 40MM OC POWDER BARRICADE PENETRATOR ROUND, #2290, cost: \$21, quantity: 150. A less lethal 40MM round used 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.
  - xiv. MUNITION: DEFENSE TECHNOLOGY, FERRETT 40MM CS POWDER BARRICADE PENETRATOR ROUND, #2292, cost: \$22, quantity: 100. A less lethal 40MM round used 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.
- b. PROPOSED description, quantity, capabilities, and purchase cost for less-lethal weapon
- i. LAUNCHER: DEFENSE TECHNOLOGY, 40MM SINGLE SHOT LAUNCHER, #1425, cost: \$1000, quantity: 5. 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.
- c. Purpose



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

d. Authorized Use

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.

e. Training

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

f. Lifespan

40 MM Launching Systems, both single shot and multi-shot - 25 years

All impact sponge rounds - 5 years

All chemical agent rounds - 5 years

g. Fiscal Impact

Annual maintenance is approximately \$50 for each launcher.

h. Legal and Procedural Rules

Use is established under Department policy. It is the policy of the SMPD to utilize the 40mm only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

6. **Less Lethal Shotgun:** Less Lethal Shotgun is used to deploy the less lethal 12-gauge Super-Sock Beanbag Round.

a. Description, quantity, capabilities, and purchase cost

- i. WEAPON: REMINGTON 870 LESS LETHAL SHOTGUN, cost: \$750, quantity: 18. The Remington 870 Less Lethal Shotgun is used to deploy the less lethal 12-gauge Super-Sock Beanbag Round up to 75 feet. The range of the weapon system helps to maintain space between officers

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and a suspect reducing the immediacy of the threat which is a principle of de-escalation.

- ii. MUNITION: DEFENSE TECHNOLOGY DRAG STABILIZED 12-GAUGE BEANBAG ROUND, MODEL #3027, cost: \$6, quantity: 500. 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. This round has a velocity of 270 fps with a maximum effective range of 75 feet.

b. Purpose

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

c. Authorized Use

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.

Bean Bag Round- Until used.

e. Fiscal Impact

Annual maintenance is approximately \$50 for each shotgun.

f. Training

All officers are trained in the 12-gauge less lethal shotgun as a less lethal option through in-service training. SWAT personnel receive additional training internally when they transfer to the unit.

g. Legal and Procedural Rules

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Use is established under SMPD department policy. It is the policy of the SMPD to utilize the less lethal shotgun only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

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

a. CURRENT description, quantity, capabilities, and purchase cost of allocations

- i. DEFENSE TECHNOLOGIES, MODEL #8933 LOW ROLL DISTRACTION DEVICE, cost: \$60, quantity: 15. A reloadable body, 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.
- ii. DEFENSE TECHNOLOGY, DISTRACTION DEVICE 12-GRAM RELOAD, cost: \$35, quantity: 40. A reloadable, 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. PROPOSED description, quantity, capabilities, and purchase cost of allocations

- i. COMBINED TACTICAL SYSTEMS, 7290-7 FLASH-BANG, cost \$169, quantity: 20. 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.

c. 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.

d. Authorized Use

Diversionsary Devices shall only be used:

- i. By officers who have been trained in their proper use.
- ii. In hostage and barricaded subject situations.
- iii. In high-risk warrant (search/arrest) services where there may be extreme hazards to officers.

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- iv. During other high-risk situations where their use would enhance officer safety.
  - v. During training exercises.
  - e. Lifespan  
Until used.
  - f. Fiscal Impact  
No annual maintenance.
  - g. Training  
Prior to use, officers must attend diversionary device training that is conducted by Post certified instructors.
  - h. Legal and Procedural Rules  
Use is established under department policy. It is the policy of the SMPD to utilize diversion devices only for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force.
8. **Rifles:** Firearms that are fired from shoulder level, having a longer, grooved barrel intended to make bullets spin and thereby have greater accuracy over a long distance.
- a. Description, quantity, capabilities, and purchase cost
    - i. RIFLE: COLT M4 CARBINE AR-15 STYLE SEMI-AUTOMATIC .223 CAL / 5.56 MM RIFLE, cost: \$1100, quantity: 112. A semi-automatic AR-15 style rifle that fires an intermediate power cartridge (.223/5.56). 92 rifles have 14.5-inch barrels used by patrol and 20 11.5-inch barrels used by SWAT personnel.
    - ii. RIFLE: COLT COMMANDO AR-15 STYLE SEMI-AUTOMATIC .223 / 5.56 MM RIFLE, cost: \$900, quantity: 9. A semi-automatic AR-15 style rifle that fires an intermediate power cartridge (.223/5.56). with a shortened barrel and expandable stock used by motor officers. The size modifications allow for the rifle to be secured to the officers' motorcycle.
    - iii. RIFLE: HECKLER AND KOCH (HK) AR-15 STYLE SEMI-AUTOMATIC .223 / 5.56 MM RIFLE, cost: \$4500, quantity: 5. This rifle uses a proprietary HK short-stroke gas piston in place of the direct-gas-impingement system found on lesser AR15-style rifles that propels exhaust gas into the upper receiver to operate the action.
    - iv. RIFLE: HECKLER AND KOCH MP5A3 9MM AUTOMATIC RIFLE, cost: \$2000, quantity: 12. This rifle is used by SWAT team members. They are

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light weight air-cooled semi-automatic and fully automatic sub-machine gun that fires a 9mm round.

- v. RIFLE: REMINGTON 700 .308 CALIBER RIFLE EQUIPPED WITH VORTEX VIPER VARIABLE MAGNIFICATION SCOPES, cost: \$2350, quantity: 8. This rifle is used by the SWAT long rifle team for long range engagements and overwatch protection. This is a bolt-action rifle with a long barrel for increased accuracy. The attached scope is for increased visual recognition, threat identification, and accuracy
- vi. AMMUNITION: Winchester .308 caliber, 168 grain, Matchking HPBT, cost: \$963 per case of 1000, quantity: 5400. This ammunition is used by the SWAT long rifle team when firing their Remington 700 .308 caliber weapons.
- vii. AMMUNITION: Remington .223 caliber, 55 grain, Frangible SF Lead Free, cost: \$671 per case of 1000, quantity: 7200. This ammunition is designed for training purposes when shooting a metal target and within training shoot houses.
- viii. AMMUNITION: Remington .223 caliber, 55 grain, Pointed Soft Point, cost: \$574 per case of 1000, quantity: 44,000. This is duty ammunition issued to non-SWAT officers who are issued .223 caliber rifles.
- ix. AMMUNITION: Remington .223 caliber, 69 grain, Hollow Point, Boat Tail ammunition, cost: \$847 per case of 1000, quantity: 5,000. This ammunition is issued to SWAT team members for use in their assigned .223 caliber rifles.
- x. AMMUNITION: Remington .223 caliber Match, 69 grain, Hollow Point, Boat Tail ammunition, cost: \$847 per case of 1000, quantity: 2,600. This ammunition is issued to SWAT log rifle team members for use in their assigned .223 caliber rifles.
- xi. AMMUNITION: Winchester .223 caliber / 5.56 mm, 55 grain, full metal jacket ammunition, cost: \$388 per case of 1000, quantity: 75,000. This ammunition is used for rifle training and qualifications by all officers and SWAT team members.
- xii. AMMUNITION: Luger 9mm, 147 grain, T-Series ammunition, cost: \$169 per case of 500, quantity: 24,000. This is duty ammunition issued to those that carry the HK MP5 rifle.

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- xiii. AMMUNITION: Luger 9mm, 115 grain, jacketed hollow point ammunition, cost: \$179 per case of 500, quantity: 5,000. This is duty ammunition issued to those that carry the HK MP5 rifle.
- xiv. AMMUNITION: Luger 9mm, 124 grain, full metal jacket ammunition, cost: \$223 per case of 500, quantity: 60,000. This ammunition is used for training purposes.

b. Purpose

To be used as precision weapons to address a threat with more precision and/or greater distances than a handgun, if present and feasible.

c. Authorized Use

Only members that are POST certified are authorized to use a rifle.

d. Lifespan

Remington .308 rifle- 15 years.

Colt .223 caliber / 5.56 mm rifles - No expiration

All ammunition – Until used.

e. Fiscal Impact

Annual maintenance is approximately \$50 for each rifle.

f. Training

Prior to using a rifle, officers must be certified by POST instructors in the operation of the rifle. Additionally, all members must qualify four times per year with their assigned rifle.

g. Legal and Procedural Rules

Use is established under department policy. It is the policy of the SMPD to utilize rifles only for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force.

9. **Chemical Agents and Smoke Canisters:** Canisters that contain chemical agents that are released when deployed.

a. Description, quantity, capabilities, and purchase cost

- i. CHEMICAL AGENT: DEFENSE TECHNOLOGY, TRIPLE-CHASER SEPARATING CANISTER, CS, #1026, cost: \$50, quantity: 10. The Triple-Chaser CS consists of three separate canisters pressed together with

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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. CHEMICAL AGENT: DEFENSE TECHNOLOGY, RIOT CONTROL CONTINUOUS DISCHARGE CANISTER, CS, #1082, cost: \$28, quantity: 40. The Riot Control CS Canister is designed specifically for outdoor use in crowd control situations with a high-volume continuous burn that expels its payload in approximately 20-40 seconds through four gas ports located on the top of the canister. This canister can be used to conceal tactical movement or to direct the route of a crowd. The volume of smoke and agent is vast and obtrusive. This launchable canister is 6.0 in. by 2.35 in. and holds approximately 2.7 oz. of active agent.
- iii. CHEMICAL AGENT: DEFENSE TECHNOLOGY, FLAMELESS TRI-CHAMBER CS CANISTER, #1032, cost \$39, quantity: 50. The design of the Tri-Chamber Flameless CS Canister allows the contents to burn within an internal can and disperse the agent safely with reduced risk of fire. The canister is designed primarily for indoor tactical situations to detect and/or dislodge a barricaded subject. This canister will deliver approximately .70 oz. of agent during its 20-25 seconds burn time. The Tri-Chamber Flameless Canister can be used in crowd control as well as tactical deployment situations by Law Enforcement and Corrections but was designed with the barricade situation in mind. Its applications in tactical situations are primarily to detect and/or dislodge barricaded subjects. The purpose of the Tri-Chamber Flameless Canister is to minimize the risks to all parties through pain compliance, temporary discomfort, and/or incapacitation of potentially violent or dangerous subjects. The Tri-Chamber Flameless Canister provides the option of delivering a pyrotechnic chemical device indoors, maximizing the chemicals' effectiveness via heat and vaporization, while minimizing or negating the chance of fire to the structure.
- iv. CHEMICAL AGENT: DEFENSE TECHNOLOGY, FLAMELESS TRI-CHAMBER OC CANISTER, #1030, cost \$46, quantity: 40. The design of the Tri-Chamber Flameless OC Canister allows the contents to burn within an internal can and disperse the agent safely with reduced risk of fire. The canister is designed primarily for indoor tactical situations to detect and/or dislodge a barricaded subject. This canister will deliver approximately .70 oz. of agent during its 20-25 seconds burn time. The Tri-Chamber Flameless Canister can be used in crowd control as well as tactical deployment situations by Law Enforcement and Corrections but was designed with the

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barricade situation in mind. Its applications in tactical situations are primarily to detect and/or dislodge barricaded subjects. The purpose of the Tri-Chamber Flameless Canister is to minimize the risks to all parties through pain compliance, temporary discomfort, and/or incapacitation of potentially violent or dangerous subjects. The Tri-Chamber Flameless Canister provides the option of delivering a pyrotechnic chemical device indoors, maximizing the chemicals' effectiveness via heat and vaporization, while minimizing or negating the chance of fire to the structure.

- v. CHEMICAL AGENT: DEFENSE TECHNOLOGY, FLAMELESS EXPULSION OC CANISTER, #2040, cost: \$48, quantity: 20. The OC Flameless Expulsion Canister 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 canisters, this device's contents are expelled upon actuation of a CO2 cartridge that will affect a confined area of approximately 1500 square feet. This canister is 7.5 in. by 1.65 in. and delivers approximately .02 oz. of active agent during its 3-second discharge time.
- vi. CHEMICAL AGENT: DEFENSE TECHNOLOGY, FLAMELESS EXPULSION CS CANISTER, #2042, cost: \$46, quantity: 20. The CS Flameless Expulsion Canister 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 canisters, this device's contents are expelled upon actuation of a CO2 cartridge that will affect a confined area of approximately 1500 square feet. This canister is 7.5 in. by 1.65 in. and delivers approximately .02 oz. of active agent during its 3-second discharge time.
- vii. SMOKE: DEFENSE TECHNOLOGY, MAXIMUM HC SMOKE LARGE-STYLE CANISTER, #1073, cost: \$38, quantity: 30. The Maximum Smoke Canister is designed specifically for outdoor use in crowd control situations with a high-volume continuous burn that expels its payload in approximately 1.5 – 2 minutes through four gas ports located on the top of the canister. This canister can be used to conceal tactical movement or to route a crowd. The volume of smoke and agent is vast and obtrusive. This launchable canister is 6.0 in. by 2.6 in. and holds approximately 2.9 oz. of active agent.
- viii. CHEMICAL AGENT: DEFENSE TECHNOLOGY, SPEDE-HEAT CONTINUOUS DISCHARGE CHEMICAL GERNADE - CS, #1072, cost: \$32, quantity: 15. The Spede-Heat™ CS Canister 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



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the side and one on the bottom. This launchable canister is 6.12 in. by 2.62 in. and holds approximately 2.9 oz. of active agent.

- ix. CHEMICAL AGENT: DEFENSE TECHNOLOGY, POCKET TACTICAL CS CANISTER, #1016, cost: \$25, quantity: 5. The Pocket Tactical CS Canister is small, and lightweight. The 0.9 oz. of active agent will burn approximately 20-40 seconds. At 4.75 in. by 1.4 inches in size, it easily fits in most tactical pouches. This is a launchable canister; however, it is normally used as a signaling or covering device. Though this device is slightly over four inches in length, it produces a smoke cloud so fast it appears to be an enveloping screen produced by a full-size tactical canister.
- x. CHEMICAL AGENT: DEFENSE TECHNOLOGY, RIOT CONTROL CONTINUOUS DISCHARGE OC CANISTER, #1080, cost \$40, quantity: 30. The Riot Control OC Canister is designed specifically for outdoor use in crowd control situations with a high-volume continuous burn that expels its payload in approximately 20-40 seconds through four gas ports located on the top of the canister. This canister can be used to conceal tactical movement or to route a crowd. The volume of smoke and agent is vast and obtrusive. This launchable canister is 6.0 in. by 2.35 in. and holds approximately 0.88 oz. of active agent.
- xi. CHEMICAL AGENT: DEFENSE TECHNOLOGY, OC TRIPLE-CHASER SEPARATING CANISTER, #1020, cost: \$60, quantity: 10. The OC Triple-Chaser Pyrotechnic Canister is one of our first-ever pyrotechnic canisters that combines the effectiveness of Oleoresin Capsicum (OC) as an irritant and inflammatory agent with the flexible delivery methods, range, and area coverage of pyrotechnic munitions for crowd control. The Triple-Chaser OC consists of three separate canisters pressed together. This canister can be hand thrown or launched from a delivery system. The canister is 6.5 in. by 2.7 in. and holds approximately 1.06 oz. of active agent payload. It has an approximate burn time of 20-30 seconds.
- xii. CHEMICAL AGENT: DEFENSE TECHNOLOGY, OC VAPOR AEROSOL CANISTER, #1056, cost: \$48, quantity: 30. The Defense Technology OC Vapor Aerosol Canister is for law enforcement and corrections use to deliver a high concentration of Oleoresin Capsicum (OC) in a powerful mist. The canister is designed for indoor use in confined areas and once deployed, inflames the mucous membranes and exposed skin resulting in an intense burning sensation. The incapacitating effect of the OC Vapor on the subject is dramatic with minimal decontamination needed. Removing the subject from the affected area to fresh air will resolve respiratory effects within minutes. The OC Vapor Aerosol Canister is ideal for cell extractions or

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barricade situations where the use of pyrotechnic, powder or liquid devices is not practical or desired.

- xiii. CHEMICAL AGENT: DEFENSE TECHNOLOGY, OC/CS AEROSOL CANISTER, #1050, cost: \$57, quantity: 30. Designed for indoor use, this canister contains no CFCs, is not a fire hazard and requires minimal decontamination by comparison to smoke, powders, or liquids. The Aerosol Canister is most used in tactical situations by Law Enforcement and Corrections and was designed with indoor operations in mind when a non-fire-producing delivery system is desired. It is most effective when used in confined areas and close to the target area. Used to minimize the risks to all parties through pain compliance, temporary discomfort and/or incapacitation of potentially violent or dangerous subjects. The Aerosol Canister is ideal for cell extractions or barricade situations where the use of pyrotechnic, powder, or liquid devices is not practical or desired. The OC and CS combination provide sufficient effects in confined areas of up to 1,500 square feet. The Aerosol Canister is not recommended for outdoor use.
- xiv. CHEMICAL AGENT: DEFENSE TECHNOLOGY, OC AEROSOL CANISTER 1.3% FOGGER, 6 OUNCE, #56854, cost: \$19, quantity: 20. The 6 oz. OC Aerosol Canister will deliver its payload of 1.3% MC% OC in 20-25 seconds. This is an anatomized mist which enhances the pungent 1.3% OC formulation. Ideal for area denial areas like attics, garages, etc. This device has minimum clean up. The canister may also be handheld to direct the spray pattern. This product is designed to provide room clearing ability with minimum clear up requirements.
- xv. CHEMICAL AGENT: DEFENSE TECHNOLOGY, FIRST DEFENSE 0.7% MK-9S VAPOR OC AEROSOL, #43896, cost: \$56, quantity: 5. The MK-9 features an easy-to-use trigger handle, is intended for use in crowd management and will deliver 14 short bursts of OC at an effective range of 18-20 ft. This 1.3% MC OC aerosol product utilizes a stream delivery method providing a target-specific, strong concentrated stream for greater standoff.
- xvi. CHEMICAL AGENT: DEFENSE TECHNOLOGY, FIRST DEFENSE 1.3% MK-9 FOGGER OC AEROSOL, #43953, cost: \$56, quantity: 30. The MK-9 features an easy-to-use trigger handle, is intended for use in crowd management and will deliver 14 short bursts of OC at an effective range of 18-20 ft. This 1.3% MC OC aerosol product utilizes a cone or fogger delivery method providing a wide spray pattern for easier target acquisition.
- xvii. CHEMICAL AGENT: FOX LABS FOGGER OC AEROSOL, cost: \$60, quantity: 35. Contains 50+ one-second bursts Heavy fog range is 20+ feet Gun handle has a safety pin to avoid accidental discharge Contains marking

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UV Dye for assailant identification Non-flammable - TASER/ECD compatible  
Born-on-date stamped on each container 3-year shelf life.

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:

- 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.

c. Authorized Use

Only officers who have received POST certification in the use chemical agents are authorized to use chemical agents.

d. Training

Sworn members utilizing chemical agent canisters are certified by POST less lethal and chemical agents instructors.

e. Lifespan

5 years from manufacturing date.

f. Fiscal Impact

No annual maintenance.

g. Legal and Procedural Rules

Use is established under the SMPD department policy. It is the policy of the SMPD to utilize chemical agents only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

10. **PepperBall Launcher:** A device that discharges irritant projectiles.

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

- i. DELIVERY SYSTEM: PepperBall VKS CARBINE, cost: \$1000, quantity:  
1. The Variable Kinetic System (VKS) is a compressed-air powered launcher designed to fire non-lethal PepperBall projectiles. The PepperBall VKS Carbine features a Dual Feed System that offers the

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ability to quickly switch between Hopper mode and Magazine mode for optimum versatility.

- ii. DELIVERY SYSTEM: PepperBall FTC LAUNCHER, cost: \$400, Quantity 5. The Full Tactical Carbine (FTC) is a compressed-air powered launcher designed to fire non-lethal PepperBall projectiles. The PepperBall FTC features a Hopper Fed System that can hold up to 180 non-lethal PepperBall projectiles.
- iii. DELIVERY SYSTEM: PepperBall TCP, cost: \$500, Quantity 1. The Tactical Compact Pistol (TCP) is a CO2 launcher designed to fire non-lethal PepperBall projectiles. The PepperBall TCP features a Magazine Fed System that contains small CO2 canisters inside that assists in delivering the PepperBall Projectiles in a compact design. Each magazine can hold 6 non-lethal PepperBall projectiles.
- iv. MUNITION: PepperBall LIVE PROJECTILE, cost: \$2 per projectile, quantity: 900. The basic PepperBall projectile contains 2% PAVA pepper powder, and is designed for direct impact and area saturation, especially in confined, interior spaces. Discharged from a PepperBall Launcher, the projectile has a velocity of 280-350 FPS. The projectile has a direct impact of 60ft and an area of saturation of 150+ft. The projectile contains 0.5% PAVA Powder.
- v. MUNITION: PepperBall LIVE-X PROJECTILE, cost: \$3 per projectile, quantity: 800. The Live Projectile contains a concentrated amount of PAVA pepper powder. One round of LIVE-X contains the equivalent to 10 PepperBall rounds. Discharged from a PepperBall Launcher, the projectile has a velocity of 280-350 FPS. The projectile has a direct impact of 60ft and an area of saturation of 150+ft. The projectile contains 5% PAVA Powder.
- vi. MUNITION: PepperBall VXR LIVE-X PROJECTILE, cost: \$3 per projectile, quantity: 50. The VXR Live-X Projectile is a non-lethal round. The projectile contains approximately 10x the PAVA of the VXR LIVE projectile. This projectile is best for direct impact or area saturation. Discharged from a PepperBall Launcher, the projectile has a velocity of 280-425 FPS. The projectile has a direct impact of 150ft and an area of saturation of 390+ft. The projectile contains 2.5% PAVA powder.
- vii. MUNITION: PepperBall MARKING PROJECTILE (round), cost \$1 per projectile, Quantity: 90. The Marking Projectile contains a paint solution that can be used to mark suspects for later apprehension and/or marking doors, openings, or objects for identification. Discharged from a

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PepperBall Launcher, the projectile has a velocity of 280-350 FPS. The projectile has a direct impact of 60ft and an area saturation of 150+ft.

- viii. MUNITION: PepperBall GLASS BREAKING (round), cost \$3 per projectile, Quantity: 100. A solid polymer projectile used for breaking out residential windows and side-glass of automobiles. Not for use on humans or animals. Discharged from a PepperBall Launcher, the projectile has a velocity of 280-350 FPS.
- ix. MUNITION: PepperBall VXR LIVE PROJECTILES (shaped), cost \$3 per projectile, Quantity: 50. The VXR Live Projectile is a non-lethal round. Excellent for direct impact or area saturation. Discharged from a PepperBall Launcher, the projectile has a velocity of 280-425 FPS. The projectile has a direct impact of 150ft and an area saturation of 390+ft. The projectile contains 0.25% PAVA Powder.
- x. MUNITION: PepperBall VXR MARKING PROJECTILES (shaped), cost \$3 per projectile, Quantity: 50. The Marking Projectile contains a paint solution that can be used to mark suspects for later apprehension and/or marking doors, openings, or objects for identification. Excellent for direct impact or area saturation. Discharged from a PepperBall Launcher, the projectile has a velocity of 280-425 FPS. The projectile has a direct impact of 150ft and an area saturation of 390+ft.

b. PROPOSED Description, quantity, capabilities, and purchase cost

- i. DELIVERY SYSTEM: PepperBall FTC LAUNCHER, cost: \$400 each, Quantity 2. The Full Tactical Carbine (FTC) is a compressed-air powered launcher designed to fire non-lethal PepperBall projectiles. The PepperBall FTC features a Hopper Fed System that can hold up to 180 non-lethal PepperBall projectiles.

c. 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:

- 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.

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d. Authorized Use

Only those officers who have been trained in the use of PepperBall launchers are authorized to use the PepperBall launchers.

e. Training

Sworn members utilizing PepperBall launchers and projectiles are trained in their use by POST certified less lethal and chemical agents instructors.

f. Lifespan

- i. PepperBall Launchers- 20 years
- ii. PepperBall Live Projectile- 3 years
- iii. PepperBall Live-X Projectile- 3 years
- iv. PepperBall VXR Live-X Projectile- 3 years
- v. Glass Break Projectiles – until used.

g. Fiscal impact

Annual maintenance is approximately \$50 for each PepperBall launcher.

h. Legal and Procedural Rules

Use is established under SMPD department policy. It is the policy of the SMPD to utilize PepperBall only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

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

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

- i. ROBOT: Transend Vantage Robot, cost: \$24,950.00 each, quantity: 1.  
The Vantage robot is a patrol / tactical robot capable of climbing over stairs and obstacles. It also offers audio and video data, night vision capabilities, and add-on accessory capabilities that include an arm and manipulator, and a chemical agent burn safe delivery system.

b. Purpose

To be used to remotely gain visual/audio data (to include night vision), deliver HNT phone, open doors, directed delivery of chemical agents, and clear buildings.

c. Authorized Use

Only assigned operators who have completed the required training shall be permitted to operate the robots. Specific operational use is established by the Incident Commander.

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- d. Expected Life Span  
All robots, 8-10 years.
- e. Fiscal Impact  
Annual maintenance and battery replacement cost is approximately \$1,000.
- f. Training  
All robot operators must receive training in the operation of the robot prior to use.
- g. Legal and Procedural Rules  
It is the policy of the SPD to utilize a robot only for official law enforcement purposes, and in a manner that respects the privacy of our community, pursuant to State and Federal law.