

# **SECTION ONE: Qualifying Equipment Owned/Utilized by the Lathrop Police Department**

**1. Equipment Name:** 5.56 mm Semiautomatic Rifles and ammo - CA Gov't Code §7070(c)(10)

Quantity Owned/Sought: 35 owned (16")

Lifespan: 15 years

Equipment Capabilities: The Colt M4 semiautomatic rifle is capable of firing 5.56 mm projectile bullet.

SPEER GOLD DOT .223 CALIBER 62 GRAIN RIFLE ROUND, cost: \$260 per case of 500, quantity: 1700 rounds. Remington ammunition made by Speer is reloadable, features nickelplated brass cases and Boxer primers, and this is a non-corrosive round. The Gold Dot LE ammunition goes through a process of joining the jacket and core one molecule at a time, thanks to this, Speer eradicates the potential for the leading cause of bullet failure (jacket/core separation). This process will guarantee extraordinary weight retention through barriers as strong as auto-glass. In addition to its remarkable strength, Gold Dot rifle ammunition asserts remarkable accuracy. With exact tolerances and unparalleled bullet uniformity of jacket thickness.

Manufacturer Product Description: Colt MLOK 5.56 CR6920-EPR RIFLE REPL CR6933-EPR W/16" Barrel

- Action: Gas Operated Semi-Auto
- Caliber: 223 Remington/5.56 NATO
- Barrel Length: 16.1"
- Capacity: 30+1
- Trigger: Standard
- Safety: Reversible Safety Selector
- OAL: 35.5"
- Weight: 6.95 lbs
- Stock: Black 4-Position Collapsible
- Metal Finish: Black
- Muzzle: A2 Flash Hider
- Receiver Material: 7075-T6 Aluminum
- Sights: A2 Front, Magpul Rear
- Barrel Description: Chrome-Lined
- Twist: 1:7"
- Purpose: Duty \ Range



Throughout the world today, Colt's reliability, performance, and accuracy provide our Armed Forces the confidence required to accomplish any mission. Colt's CR6920 EPR series shares many features of its combat-proven brother, the Colt AR15.

(Description source: <u>LC Action Police Supply | Colt CR6920 Law Enforcement M4 Carbine</u> <u>AR15 (Formerly LE6920)</u>Purpose/Authorized Uses:

Members may deploy the patrol rifle in any circumstance where the member can articulate a reasonable expectation that the rifle may be needed. Examples of some general guidelines for deploying the patrol rifle may include but are not limited to: (a) situations where the member reasonably anticipates an armed encounter, (b) when a member is faced with a situation that may require accurate and effective fire at long range, (c) situations where a member reasonably expects the need to meet or exceed a suspect's firepower, (d) when a member reasonably believes that there may be a need to fire on a barricaded person or a person with a hostage, (e) when a member reasonably believes that a suspect may be wearing body armor, (f) when authorized or requested by a supervisor, and (g) when needed to euthanize an animal.

**Fiscal Impacts:** The initial cost of equipment was approximately \$43,124.81. The ongoing costs for ammunition will vary and maintenance is conducted by departmental staff.

**Legal/Procedural Rules Governing Use**: All applicable State, Federal and Local laws governing police use of force. Various Lathrop Police Department Policies on Use of Force and Firearms.

**Training Required**: Officers must successfully complete a CA POST certified 16-hour patrol rifle course as well as regular department firearms training and qualifications as required by law and policy.

2. Equipment Name: 40mm Launchers and rounds

**Quantity Owned/Sought**: 16

Lifespan: 20 years

**Equipment Capabilities:** 40mm Launchers are utilized by department personnel as a less lethal tool to launch less lethal impact rounds. The 40mm Less Lethal Launcher is capable of firing 40mm Kinetic Energy Munitions, which are essentially rubber projectiles.





**Manufacturer Product Description:** Defense Technologies 40mm launcher, cost \$872.40 ea. Manufactured exclusively for Defense Technology®, the 40LMT is a tactical single shot launcher with light rail. The ambidextrous Lateral Sling Mount (LSM) and QD mounting systems allow both a single and two-point sling attachment. The 40LMTS will fire standard 40mm less lethal ammunition, up to 4.8 inches in cartridge length. The Picatinny Rail Mounting System will accept a wide array of enhanced optics/sighting systems.

- i. Direct Impact 40mm reloadable training Sponge Round Model 6530 Defense Technology. Approx. 26 rounds. 6530LE-50 40mm Reloadable Training Round provides the same point of impact accuracy as the 40mm munitions it simulates and is the most cost effective way to conduct training. Reloading the munitions takes seconds and one hex key. Product for use on inanimate targets.
- 40mm sponge, smokeless, spin stabilized/Combined Systems. Approx. 29 rounds. Sponge Baton is a spin-stabilized projectile delivering blunt trauma effect. Although it is extremely accurate and consistent, accuracy is dependent on the launcher, using open sights vs. an improved sight, environmental conditions, and the operator. Effectiveness depends on many variables, such as distance, clothing, stature, and the point where the projectile impacts. The 40mm Less Lethal Launchers and Kinetic Energy Munitions are intended for use as a less lethal use of force option. To limit the escalation of conflict where employment of lethal force is prohibited or undesirable. Situations for use may include, but are not limited to: (a) self-destructive, dangerous, and/or combative individuals; (b) barricaded suspects; and (c) training exercises.

**Fiscal Impacts:** The initial cost of this equipment was approximately \$6,979.20. The ongoing costs for munitions will vary and maintenance is conducted by departmental staff.

**Legal/Procedural Rules Governing Use**: All applicable State, Federal and Local laws governing police use of force. Various Lathrop Police Department Policies on Use of Force and Crowd Control.

**Training Required:** Officers must complete a department certified 40mm course as well as regular training and qualifications as required by law and policy.



**<u>3. Equipment Name: 5.56 mm Semiautomatic Rifles and ammo - CA Gov't Code</u>** <u>§7070(c)(10)</u>

Quantity Owned/Sought: 11 owned (11.5")

Lifespan: 15 years

# **Equipment Capabilities:**

SPEER GOLD DOT .223 CALIBER 62 GRAIN RIFLE ROUND, cost: \$260 per case of 500, quantity: 1700 rounds. Remington ammunition made by Speer is reloadable, features nickelplated brass cases and Boxer primers, and this is a non-corrosive round. The Gold Dot LE ammunition goes through a process of joining the jacket and core one molecule at a time, thanks to this, Speer eradicates the potential for the leading cause of bullet failure (jacket/core separation). This process will guarantee extraordinary weight retention through barriers as strong as auto-glass. In addition to its remarkable strength, Gold Dot rifle ammunition asserts remarkable accuracy. With exact tolerances and unparalleled bullet uniformity of jacket thickness.

Manufacturer Product Description: Short Barrel Daniel Defense Rifles w/ Suppressors

- Action: Gas Operated Semi-Auto
- Caliber: 223 Remington/5.56 NATO
- Barrel Length: 11.5"
- Capacity: 30+1
- Trigger: Standard
- Safety: Reversible Safety Selector
- Stock: 4-Position Collapsible
- Receiver Material: 7075-T6 Aluminum
- Sights: A2 Front, Magpul Rear
- Barrel Description: Chrome-Lined
- Purpose: Duty \ Range

Members may deploy the patrol rifle in any circumstance where the member can articulate a reasonable expectation that the rifle may be needed. Examples of some general guidelines for deploying the patrol rifle may include but are not limited to: (a) situations where the member reasonably anticipates an armed encounter, (b) when a member is faced with a situation that may require accurate and effective fire at long range, (c) situations where a member reasonably expects the need to meet or exceed a suspect's firepower, (d) when a member reasonably believes that there may be a need to fire on a barricaded person or a person with a hostage, (e) when a member reasonably believes that a suspect may be



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wearing body armor, (f) when authorized or requested by a supervisor, and (g) when needed to euthanize an animal.

**Fiscal Impacts:** The initial cost of equipment was approximately \$2,010.08 ea. (\$22,110.88). The ongoing costs for ammunition will vary and maintenance is conducted by departmental staff.

**Legal/Procedural Rules Governing Use**: All applicable State, Federal and Local laws governing police use of force. Various Lathrop Police Department Policies on Use of Force and Firearms.

**Training Required**: Officers must successfully complete a CA POST certified 16-hour patrol rifle course as well as regular department firearms training and qualifications as required by law and policy.

**<u>4. Equipment Name: Remington 870 Less Lethal Launcher/Drag Stabilized 12- Gauge Bean Bag</u> <u>Round</u>** 

Quantity Owned/Sought: 8 owned

Lifespan: 15 years

**Equipment Capabilities/Manufacturer Product Description**: Less Lethal Shotgun is used to deploy the less lethal 12-gauge Drag Stabilized Beanbag

Round up to a distance of 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. The12-Gauge Drag Stabilized round is comprised of 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 (4) stabilizing tails. The 12-Gauge drag stabilized round utilizes smokeless powder as the propellant. Drag Stabilized rounds are discharged from a dedicated 12-gauge shotgun that is distinguishable by an orange butt stock and fore grip. This round provides accurate and effective performance when fired from the

**Fiscal Impacts:** The initial cost of equipment was approximately \$1,074.22 ea. (\$8,593.75). The ongoing costs for ammunition will vary; maintenance is conducted by departmental staff.

**Legal/Procedural Rules Governing Use**: All applicable State, Federal and Local laws governing police use of force. Various Lathrop Police Department Policies on Use of Force and Firearms.

**Training Required**: Officers must complete a department certified less lethal course as well as regular training and qualifications as required by law and policy.



#### 5. Equipment Name: A Super-Sock Bean Bag Ammunition - Model 2581

Quantity Sought: 250

Cost: \$7.50/per 5 units

Lifespan: 15 years

**Equipment Capabilities/Manufacturer Product Description**: The Model 2581 Super-Sock is in its deployed state immediately upon exiting the barrel. It does not require a minimum range to "unfold" or "stabilize." The Super-Sock is an aerodynamic projectile and its accuracy is relative to the shotgun, barrel length, environmental conditions, and the operator. The Super-Sock is first in its class providing the point control accuracy and consistent energy to momentarily incapacitate.

**Fiscal Impacts:** The initial cost of equipment was approximately \$375.00. The ongoing costs for ammunition will vary and maintenance is conducted by departmental staff.

**Legal/Procedural Rules Governing Use**: All applicable State, Federal and Local laws governing police use of force. Various Lathrop Police Department Policies on Use of Force and Firearms.

**Training Required**: Officers must complete a department certified less lethal course as well as regular training and qualifications as required by law and policy.



#### 6. Equipment Name: 5.56 & 9mm Specialty Impact Munitions

#### **Quantity Sought: 3,000**

**Lifespan**: UTM 5.56 mm Man Marker Rounds (MMR) -18 month limited warranty. Shelf life six (6) years.

Force on Force 9mm Simunition Rounds – Shelf life five (5) years.

UTM M16/M4 Rifle Bolt Carrier Assembly (Blue Bolt) – 24 month limited warranty. No lifespan indicated by manufacturer. Lifespan varies on operational usage and wear.

Simunition Conversion Barrels and Slide Assemblies – 24 month limited warranty. No lifespan indicated by manufacturer. Lifespan varies on operational usage and wear.

**Equipment Capabilities/Manufacturer Product Description**: A non-lethal training ammunition used by law enforcement agencies and militaries worldwide to deliver more realistic close-range firearms training. They consist of low energy, non-lethal cartridges, typically manufactured with a water-soluble color marking compound. These rounds allow for shooters to obtain a visual assessment of round placement in live person training environments. When utilized with a training munition bolt carrier group in a 5.56mm rifle platform, SIM's have an effective range of approximately 27 yards. When utilized in a pistol caliber barrel training platform (9mm), SIMs have an effective range of 25 feet.

**Fiscal Impacts:** The initial cost of equipment was approximately \$3,000.00. The ongoing costs for ammunition will vary and maintenance is conducted by departmental staff.

**Legal/Procedural Rules Governing Use**: All applicable State, Federal and Local laws governing police training. Various Lathrop Police Department Policies on Firearms.

**Training Required**: Officers use these munitions during training scenarios involving the use of SIM's. Additionally, Officers use SIM's during scenario based training on a regular basis.



# FUTURE CONSIDERATIONS:

**1. Equipment Name:** Command and Control Vehicles used to facilitate the operational control and direction of public safety units – CA Gov't Code §7071(c)(4)

Quantity Owned/Sought: One

Lifespan: Unknown.

**Purpose/Capabilities/Description:** Command vehicles are built in various platforms to include ½ ton pickup chassis, vans, trailers, and RV style configurations. Vehicles are built to better assist in command and control during law enforcement operations, natural disasters, and public safety issues. Vehicles are designed with additional communication abilities, computers, white boards, lightening, generators, and mission essential supplies.

Fiscal Impact: None. Equipment owned, maintained, and operated by another agency.

**Legal/Procedural Rules Governing Use:** Use shall be in accordance with California State and Federal law.

**Training Required:** None. LDV USA Custom Build \$369,045 using grant from Office of Homeland Security in 2006; annual maintenance \$4,000

# 2. Equipment Name: Lenco Bearcat G3 – 4 Door Model with CBRNE capability

Quantity Owned/Sought: One

Lifespan: Dependent on operational usage.

**Purpose/Capabilities/Description**: Manufacturer Description: The BearCat G3 provides Lenco's proven armor system in a ruggedized off-road platform. The G3 utilizes the same body design, interior features and tactical options as the G2, but it comes standard with a heavier duty upgraded suspension and off-road tires, rims & run flats to provide enhanced offroad performance. The increased ground clearance and robust suspension allows for emergency response in rural regions and natural disaster scenarios where standard armored SWAT vehicles would experience challenges.

**Fiscal Impact**: None. LENCO BEARCAT \$281,000; *\$100,000 COPS grant*; annual maintenance \$3,500

**Legal/Procedural Rules Governing Use**: Use shall be in accordance with California State and Federal law.

Training Required: None, Equipment owned, maintained, and operated by another agency.



# SECTION TWO: Specialized Equipment Inventory known to be owned and/or utilized by law enforcement agencies with which the Lathrop Police Department collaborates with and/or may require assistance from, in a mutual-aid situation for law enforcement services.

**<u>1. Equipment Name: Defense Technology 12-Gram Reload Distraction Device</u>** 

Quantity Owned/Sought: None

Lifespan: Unknown

**Purpose/Capabilities/Description:** 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. A non-bursting, non-fragmenting distraction device that produces a thunderous bag with an intense bright light. Ideal for distracting dangerous suspect during assaults, hostage rescue, room entry, or other high-risk arrest situations. The distraction device produces 175 dB of sound output at 5 feet and 6-8 million candelas for 10 milliseconds.

Fiscal Impacts: None. Equipment owned, maintained, and operated by another agency.

**Legal/Procedural Rules Governing Use:** The equipment is utilized for official law enforcement purposes and pursuant to State and Federal law.

Training Required: None, Equipment owned, maintained, and operated by another agency.

# 2. Equipment Name: ICore Mini Robots

Quantity Owned/Sought: None

Lifespan: Unknown

**Purpose/Capabilities/Description:** The iCore Mini is an unmanned machine, which operates on the ground utilized to enhance the safety to the community and officers. The iCore Mini can be hand carried or transported inside a rucksack, and can be remotely operated from many hundreds of meters away, providing protection and safety to their operators. To be used to remotely gain visual/audio data, deliver HNT phone, open doors, disrupt packages, and clear buildings.

Fiscal Impacts: None. Equipment owned, maintained, and operated by another agency.

**Legal/Procedural Rules Governing Use:** The equipment is utilized for official law enforcement purposes and pursuant to State and Federal law.

Training Required: None. Equipment owned, maintained, and operated by another agency.



<u>3. Equipment Name: Non-handheld battering rams, slugs and breaching equipment apparatuses that are explosive in nature - CA Gov't Code §7071(c)(7)</u>

Quantity Owned/Sought: None

Lifespan: Unknown

**Purpose/Capabilities/Description:** Explosive breaching tools are used to breach fortified structures to establish a point of entry. Explosive charges are fashioned to produce little to no fragmentation at the time of detonation. Explosive breaching effectively reduces the time spent overcoming a fortified door or structure. The reduction in time mitigating a hardened structure increasing officer safety and the element of surprise. Blast injuries are reduced by using low yield explosives that mechanically overcome doorframes and locking mechanisms. Explosive breaching mandates extensive schooling and certification processes.

Avon frangible shotgun ammunition, Detonating Cords, and Blasting Caps are used to breach doors and points of entry on fortified doors or structures. The equipment is used to safely gain entry into a structure.

Fiscal Impacts: None. Equipment owned, maintained, and operated by another agency.

**Legal/Procedural Rules Governing Use:** The equipment is utilized for official law enforcement purposes and pursuant to State and Federal law.

Training Required: None. Equipment owned, maintained, and operated by another agency.



# <u>4. Equipment Name: Command and Control Vehicles used to facilitate the operational</u> <u>control and direction of public safety units – CA Gov't Code §7071(c)(4)</u>

### **Quantity Owned/Sought: None**

Lifespan: Unknown.

**Purpose/Capabilities/Description:** Command vehicles are built in various platforms to include 1/2 ton pickup chassis, vans, trailers, and RV style configurations. Vehicles are built to better assist in command and control during law enforcement operations, natural disasters, and public safety issues. Vehicles are designed with additional communication abilities, computers, white boards, lightening, generators, and mission essential supplies.

Fiscal Impact: None. Equipment owned, maintained, and operated by another agency.

**Legal/Procedural Rules Governing Use:** Use shall be in accordance with California State and Federal law.

Training Required: None, Equipment owned, maintained, and operated by another agency.

# 5. Equipment Name: Unmanned Aircraft System (UAS)

Quantity Owned/Sought: None.

Lifespan: Unknown

#### **Purpose/Capabilities/Description:**

- Major collision investigation, search for missing persons, natural disasters
- Vehicles are capable of being remotely navigated to provide scene information and intelligence in the form of video and still images transmitted to first responders.
- Gain visual/audio data and remotely clear buildings and structure
- Unmanned robotics have numerous applications and are used instead of personnel in high-risk environments to increase safety for law enforcement

Fiscal Impacts: None. Equipment owned, maintained, and operated by another agency.

**Legal/Procedural Rules Governing Use:** Use shall be in accordance with California State and Federal law regarding the operation of UAS vehicles, and in a manner, that respects the privacy of our community.

Training Required: None. Equipment owned and, operated by another agency.



# 6. Equipment Name: The Armored Group, Ballistic Armored Tactical Transport (BATT)

#### Quantity Owned/Sought: None.

Cost: None.

Lifespan: Approximately 25 years.

# **Purpose/Capabilities/Description:**

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. The BATT, is an armored vehicle that seats 10-12 personnel with an 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 shield and personal body armor.

Fiscal Impacts: None. Equipment owned, maintained, and operated by another agency.

**Legal/Procedural Rules Governing Use:** Use shall be in accordance with California State and Federal.

Training Required: None. Equipment owned and, operated by another agency.

# 7. Equipment Name: Remington 870 Less Lethal Launcher/Drag Stabilized 12- Gauge Bean Bag Round

Quantity Owned/Sought: None.

Cost: None.

Lifespan: Approximately 25 years.

# **Purpose/Capabilities/Description:**

Less Lethal Shotgun is used to deploy the less lethal 12-gauge Drag Stabilized Beanbag Round up to a distance of 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.

The12-Gauge Drag Stabilized round is comprised of 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 (4) stabilizing tails. The 12-Gauge drag stabilized round utilizes smokeless powder as the propellant. Drag Stabilized rounds are discharged from a dedicated 12-gauge shotgun that is distinguishable by an orange butt stock and fore grip. This round provides accurate and effective performance when fired from the approved distance of not fewer than 20 feet. The maximum effective range of this munition is up to 75 feet from the target. This less lethal weapon is used to limit the escalation of conflict where employment of lethal force is prohibited or undesirable.



Fiscal Impacts: None. Equipment owned, maintained, and operated by another agency.

**Legal/Procedural Rules Governing Use:** Use shall be in accordance with California State and Federal.

Training Required: None. Equipment owned and, operated by another agency.

8. Equipment Name: Remington 700 .308 Caliber Rifle, PWS MK111 Mod 1-M Rifle, .223 Caliber Rifle, Hornady Tap Urban, .223 Caliber, 60 Grain Rifle Round, Hornady Match Tap Precision .308 Caliber, 155 Gr. ELD Rifle Round, Hornady Tap Urban .308 Caliber, 110 Gr. Rifle Round, Hornady Tap Heavy Barrier .308 165 Gr. Barrier Rifle Round.

Quantity Owned/Sought: None.

Cost: None.

Lifespan: Unknown.

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

Fiscal Impacts: None. Equipment owned, maintained, and operated by another agency.

**Legal/Procedural Rules Governing Use:** Use shall be in accordance with California State and Federal.

Training Required: None. Equipment owned and, operated by another agency.

# <u>9 Equipment Name: Defense Technology, Riot Control Continuous Discharge Grenade, CS #1082</u>

Quantity Owned/Sought: None.

Cost: None.

Lifespan: Unknown.

**Purpose/Capabilities/Description:** 

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



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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.

Fiscal Impacts: None. Equipment owned, maintained, and operated by another agency.

**Legal/Procedural Rules Governing Use:** Use shall be in accordance with California State and Federal.

Training Required: None. Equipment owned and, operated by another agency.

#### 10. Equipment Name: Defense Technology, Flameless Tri-Chamber CS Grenade, #1032

Quantity Owned/Sought: None.

Cost: None.

Lifespan: Unknown.

#### **Purpose/Capabilities/Description:**

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.

Fiscal Impacts: None. Equipment owned, maintained, and operated by another agency.

**Legal/Procedural Rules Governing Use:** Use shall be in accordance with California State and Federal.

Training Required: None. Equipment owned and, operated by another agency.



# **11. Equipment Name: PepperBall Full Tactical Carbine (FTC)**

#### Quantity Owned/Sought: None.

Cost: None.

Lifespan: Unknown.

# Purpose/Capabilities/Description:

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.

Fiscal Impacts: None. Equipment owned, maintained, and operated by another agency.

**Legal/Procedural Rules Governing Use:** Use shall be in accordance with California State and Federal.

Training Required: None. Equipment owned and, operated by another agency.

# MAINTENANCE OF MILITARY USE SUPPLY LEVELS:

When stocks of military equipment have reached significantly low levels or have been exhausted, the Department may order up to 10% of stock in a calendar year without City Council approval to maintain essential availability for the Department's needs.