



BEAUMONT POLICE DEPARTMENT

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MILITARY EQUIPMENT (SPECIALIZED EQUIPMENT) INVENTORY AND FISCAL IMPACT

The following constitutes a list of qualifying specialized equipment currently available for use by the Beaumont Police Department, deemed to be "Military Equipment" under Section 7070 of the California Government Code:

Unmanned, Remotely Piloted, Powered Vehicles (Govt Code 7070(c)(1)): Remotely piloted machines operating on the ground or in the air (e.g., aerial drones and robots), utilized to enhance the safety of community members and officers.

1. Description, capabilities, quantity, and cost:

a. **DJI MAVIC 3** - Featuring a Hasselblad camera that boasts a 4/3 CMOS sensor. Key features include its 15km transmission range using DJI's new OcuSync 3+ technology and up to 46 minutes of flight time with its 5000 mAh battery, making it the longest flight time for a consumer drone on the market. Cost: \$20,154.84 using SLESA funds, Quantity: 4

b. **DJI MATRICE 300** - The Matrice 300 RTK (real-time kinematic) drone is DJI's premiere enterprise commercial drone. The M300 is built on and improved upon the DJI Matrice 200, the industry standard for many years. Enhanced with longer flight times, increased payload capability, advanced AI, and various other features, the M300 is a complete ecosystem to meet the most demanding enterprise needs. Cost: \$30,398 using SLESA funds, Quantity: 2

The Matrice 300 RTK is designed to work in challenging environments. It's IP45 ingress protection means it stays hard at work despite heavier rain, dust, or particles. It can operate in extreme temperatures from -4°F to 122°F and fly through winds up to 33.5 MPH. In the unlikely event of system failure, multiple redundancies will alert you and help maintain flight.

This drone also utilizes tried-and-true FAA technology for next-generation aircraft with an ADS-B AirSense receiver, anti-collision beacon, and six directional sensing and positioning sensors to support collision avoidance with a detection range of over 130 feet. For more

extended missions, the M300 even allows pilot-to-pilot hand-off, helping to ensure continuous operation through large areas.

The Matrice 300 RTK is compatible with various payloads that utilize LiDAR, thermal imaging, high zoom cameras, hybrid (wide, zoom, and thermal), or third-party gimbals and spotlights. The Beaumont Police Department utilizes the Zenmuse H20T dual thermal camera. This camera can spot subjects or terrain through smoke, fog, night, or

bad weather through a combination of payloads and picture profiles. This aircraft can also create detailed 3D maps and models for crime scenes or accident reconstruction.

Smart Track lets the drone automatically follow a subject visually and update its dynamic location on a map in real time. Additionally, Smart Inspect can take a series of more than 65,000 waypoints and automate your positions. Smart Inspect can also replicate camera position, angle, and shot framing to track changes over time.

The Matrice 300 RTK provides immense support in an ever-changing world. Through its Disaster Relief Program, DJI has developed the best real-world practices and use cases, which resulted in its white paper, which universities and public safety agencies supported.

2. Purpose:

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

- a.** Post-incident crime scene preservation and documentation,
- b.** Response to hazardous materials spills,
- c.** Traffic collision investigations,
- d.** Search and Rescue (SAR) missions as defined in the Department Policy Manual,
- e.** Public safety and life preservation missions to include, but not be limited to, barricaded suspects, hostage situations, active shooters, apprehension of armed and dangerous and/or violent suspects, and high-risk search warrants,
- f.** Disaster response and recovery to include natural or human-caused disasters, including a full overview of a disaster area for post-incident analysis and documentation,
- g.** Training flights in support of the Department UAS Training Manual,
- h.** For fire response and prevention,

i. When there is reasonable belief to believe that (1) the UAS may record images of a place, thing, condition, or event; and (2) that those images would be relevant in proving that a crime had occurred or is occurring, or that a particular person committed or is committing a crime and use of the UAS does not infringe upon the reasonable expectation of privacy,

j. Pursuant to a search warrant,

k. Inspect Beaumont city property and facilities, including locations designated under the US Department of Homeland Security's Critical Infrastructure Sectors.

l. Video production for the department and other city departments for promotional, educational, and/or training purposes.

3. Authorized Use:

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

4. Expected Lifespan:

All UAS equipment has an estimated lifespan of 3-5 years.

5. Fiscal Impact:

The estimated annual cost of the UAS program maintenance is \$2,548.

6. Training:

The Federal Aviation Administration will license all Department UAS operators for UAS operation under 14 CFR Part 107. In addition, each operator must attend ongoing currency flights and training.

7. Legal and Procedural Rules:

The Department will only deploy the UAS for official law enforcement purposes or approved missions pursuant to applicable Federal & State laws, BPD UAS Policy 612, and in a manner that respects the privacy of our community.

Mobile Command Vehicle (MCV) (Govt Code 7070 (c)(5)): This vehicle is used during critical incidents as a field-based command post, providing Incident Commanders with access to Department computer systems and a radio communication center.

1. Description, capabilities, quantity, and cost:

Freightliner Chassis vehicle- The MCV is utilized for critical incidents, significant, preplanned events, searching for missing persons, natural disasters, and community events involving law enforcement. Cost: UNKNOWN, Quantity: 1

2. Purpose:

It is used for critical incidents based on the circumstances of a specific event, large event, or natural disaster to serve the community effectively and efficiently.

3. Authorized Use:

Only personnel trained in the use and deployment of the MCV shall drive the vehicle under the direction of the Watch Commander, Incident Commander, Detective Bureau, or their designee. Situations where the MCV may be deployed include critical incidents, natural disasters, and emergencies.

4. Expected Lifespan:

The MCV's estimated lifespan is 15 years; however, upgrades are required at 5-year intervals to maintain communications and IT systems.

5. Fiscal Impact:

The MCV was purchased in 2007 using general funding. The annual maintenance cost is estimated to be \$5,500.

6. Training:

Drivers and operators shall receive safe handling and maneuvering training. Once the operator is competent in vehicle handling, the driver will drive the vehicle with an experienced driver throughout the city. Drivers and operators shall also undergo commercial vehicle testing and certification from the California Department of Motor Vehicles as required.

7. Legal and Procedural Rules:

Command and control vehicles will only be operated by department members who have been trained in their operation and according to Department Policy.

Rifles and Ammunition (Govt Code 7070(c)(10)):

1. Description, capabilities, quantity, and cost:

Armalite Rifle (AR)-15 Style .223/5.56- A lightweight, shoulder-fired, magazine-fed, gas/piston-operated rifle with a rifled barrel intended to make a bullet spin, giving greater

accuracy over a distance with better ballistic capabilities than a pistol. Each rifle may have different modular accessories aiding operation and use.

- I. Colt AR15 A3 - Cost \$1,109.09 x 14.
- II. Colt Enhanced Patrol Rifle (EPR) - Cost \$1,109.9 x 19.
- III. Sig Sauer M400 Pro - Cost \$964.47 x 9.
- IV. Sig Sauer WRM400 SBR - Cost \$978.96 x 20.

The SIG Sauer MPX / MCX are gas-operated submachine guns primarily chambered in 9mm and .223/5.56 Caliber. It is a gas-operated firearm featuring a closed, rotating bolt with a short-stroke, push-rod gas system, which reduces recoil and improves the weapon's reliability. The standard variant of the MPX / MCX comes with an 8.0-inch barrel with variants. The weapon systems come with a collapsible stock and a free-floating rail. This weapon system also features an AR-15-style loading system design and is compatible with suppressors and accessories for user customization.

- I. Sig Sauer MPX – Cost \$1,700.00 x 9.
- II. Sig Sauer Rattler MCX - Cost \$2,066.70 x 8.

2. Purpose:

A precision weapon that can address a threat with better accuracy at greater distances than a handgun. Also, for encounters with active shooters who are heavily armed and may be equipped with body armor

3. Authorized Use:

Members who are POST-certified in the use of rifles are authorized to deploy them in the field and in an emergency.

4. Expected Lifespan:

The rifles listed above have an expected lifespan of approximately 12 years, depending upon use.

5. Fiscal Impact:

The rifles were purchased using general funds and prior equipment trade-ins. Annual maintenance for each rifle is approximately \$50.00.

6. Training:

Before deploying a rifle, members must complete a POST-certified course on its operation. Additionally, all members must pass a rifle range qualification according to department policy.

7. Legal and Procedural Rules:

The Department will only utilize firearms in accordance with State law, Federal law, and Department policy.

Ammunition Storage Inventory:

a. Description, purchase cost, and quantity

- I. Hornady 5.56 caliber 53gr, Quantity: 9333 rounds, cost \$231.70 per 200 rounds.
- II. Hornady 5.56 caliber training 55gr, Quantity: 22,330 rounds, cost \$242.00 per 500 rounds.
- III. Hornady 5.56 caliber 75gr SBR, Quantity: 8,200 rounds, cost \$184.80 per 200 rounds.

b. Purpose:

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

c. Authorize Use:

Only officers who have completed a P.O.S.T-certified rifle training course are authorized to use a weapon capable of firing this type of ammunition.

Hornady 5.56 caliber ammunition 53gr - 5 years.

Hornady 5.56 caliber training ammunition 55gr - 5 years.

Hornady 5.56 caliber ammunition 75gr SBR – 5 years.

d. Fiscal Impact:

No annual maintenance for ammunition.

e. Training:

Per Department policy, officers must qualify once a year with a patrol rifle to remain certified with the rifle.

f. Legal and Procedural Rules:

After being issued, ammunition must be stored inside the range facility or in a magazine feeding device. Per policy, a round may not be inserted in the chamber until the rifle is deployed in the field during an incident or used during training/qualification.

PepperBall Launcher and Munitions (Govt Code 7070(c)(12)): A device that allows a law enforcement officer to maintain distance from an assailant or crowd.

1. Description, capabilities, quantity, and cost:

a. PepperBall Launcher FTC- Semi-automatic, compressed air operated launcher with gravity feed and smooth barrel. With a push button, cross bolt trigger safety and charging handle. It will launch a standard PepperBall projectile. The projectiles are fired at a velocity of 300 to 350 feet per second. It has approximately 8-to-12-foot pounds of kinetic energy. The target range is 0-60 feet (individual) and a maximum range of 150 feet (saturation area). Cost: \$1,003.70 each with a loader, using general funds. Quantity: 7

b. PepperBall Inert Practice Projectiles- Projectiles contain a harmless, scented powder, best suited for practice or direct impact when chemical exposure is not desired, are .68 caliber, and weigh 3 grams. Cost: \$0.76 each, Quantity: 1,125

- c. Live Projectiles- Projectiles contain 2.0% PAVA. It is effective for direct impact and area saturation. It is .68 caliber and weighs 3 grams. The cost is \$2.39 each, and the Quantity: 375.

2. Purpose:

Lawful application of force delivered with the intent to subdue or render non-threatening. The less lethal munitions may be used as an option to de-escalate a potentially dangerous/deadly

situation, with a reduced potential for death or serious injury to all persons involved. It is accepted that the probability exists for bodily harm to occur. However, it must also be assumed that the application of such force may be the only alternative to using lethal force to stop the subject's actions.

3. Authorized Use:

1. Situations where the deployment of less-lethal impact or munitions is authorized include but are not limited to:

- a. Self-destructive, dangerous, and/or combative individuals.
- b. Riot/crowd control and civil unrest incidents where criminal behavior exceeds a failure to disburse or curfew violation.
- c. Circumstances where a tactical advantage can be obtained.

4. Expected Lifespan:

- a. PepperBall FTC Launcher: 10 years
- b. All PepperBall projectiles have a life span of 3 years.

5. Fiscal Impact:

The PepperBall Launchers were purchased with general funds. The annual maintenance for the PepperBall FTC Launcher is approximately \$50 each.

6. Training:

Before deploying, members must complete a certified course in operating the PepperBall Launcher and its functions. Additionally, all members operating any Less-Lethal Devices must pass a qualification course in instruction according to department policy.

7. Legal and Procedural Rules:

The Department will only utilize less lethal devices in accordance with State and federal law and Department policy.

40MM Launchers and Munitions (Govt Code 7070(c)(14)): Department personnel utilize 40MM launchers as a less-lethal tool to deploy less-lethal impact munitions.

1. Description, capabilities, quantity, and cost:

- a.** Penn Arms Multi Shot Launcher, G165-40. The 40MM multi-shot spring-advance magazine drum launcher has a six-shot capacity, rifled barrel, 6-inch cylinder, and break-action loading. Spring cylinders advance actuated by trigger pull. The safety features are a push button and cross-bolt trigger safety. It will fire standard 40MM less-lethal ammunition up to 6 inches in cartridge length. It will launch a 40 mm less-lethal round up to 150 feet. Cost: \$2,430.42, using general funds. Quantity: 3
- b.** Combined Tactical Systems, 40MM Exact Impact Sponge Round, 4557- A less lethal 40MM sponge round that is smokeless, spin-stabilized, and 4 inches long. The 40MM sponge projectile is fired from a single or multi-round purpose-built 40MM Launcher. The 60-gram sponge baton is a spin-stabilized projectile delivering a blunt trauma effect. The 40MM exact impact sponge round provides accurate and effective performance with no minimum standoff range. The optimal Range for the 40MM sponge round is 10 to 75 feet. Cost: \$22.02 per round. Quantity: 96.

2. Purpose:

Lawful application of force delivered with the intent to subdue or render non-threatening. The less lethal munitions may be used as an option to de-escalate a potentially dangerous/deadly situation, with a reduced potential for death or serious injury to all persons involved. It is accepted that the probability exists for bodily harm to occur. However, it must also be accepted that the application of such force may be the only alternative to using lethal force to stop the subject's actions.

3. Authorized Use:

Situations where the deployment of less-lethal impact or chemical munitions is authorized include but are not limited to:

- a.** Self-destructive, dangerous, and/or combative individuals.

- b.** Riot/crowd control and civil unrest incidents where criminal behavior exceeds a failure to disburse or curfew violation.
 - c.** Circumstances where a tactical advantage could be obtained.
 - d.** Tactical situations involving the deployment of Department personnel.

4. Expected Lifespan:

- a.** Penn Arms Multi Shot Launcher: 15 years.
- b.** All munitions listed above 5 years.

5. Fiscal Impact:

The Penn Arms multi-shot launchers were purchased with general funds. Their annual maintenance is approximately \$50 each.

6. Training:

Members must complete a POST-certified operation course before deploying 40MM launchers and munitions. Additionally, all members operating Less-Lethal Devices must pass a qualification course of instruction according to department policy.

7. Legal and Procedural Rules:

The Department will only utilize less lethal devices in accordance with State and federal law and Department policy.

Bola Wrap (Govt Code 7070(c)(15)):

The Bola Wrap A one-time-use cassette is snapped into the device. Each cassette contains a 7.5-foot Kevlar® tether with a 4-pronged anchor and integrated safety caps on either end to lower the risk of piercing the skin for both the officer and the subject. Two independent micro-gas generators power the cassette.

To deploy the tether, the officer loads a cassette into the device and turns on the power switch, which automatically illuminates a multi-dot laser for accuracy and LED light for exposure. The officer then presses the activation button to deploy the tether. A new cassette can be reloaded into the device in approximately 3-5 seconds.

1. Description, capabilities, quantity, and cost:

Less-lethal Bola Wrap is a handheld restraint device that discharges an 8-foot bola-style Kevlar tether at 513 feet per second to entangle a subject at a range of 10-25 feet. The device is effective in disarming violent suspects and suicidal subjects with minimal injury and risk to the person, law enforcement, or the public once the subject is entangled.

Quantity: 20 Bola cartridges are \$29.95 each. Total cost: \$25,400.00, using general funds.

2. Purpose:

The Bola Wrap offers the ability to restrict an individual's movement, buys officers' time, and makes it safer for them to approach and gain control of individuals. Situations between officers and uncooperative individuals are often chaotic, and officers don't have many effective options to handle them. Instead of waiting for an encounter to unfold and escalate, using the Bola Wrap can effectuate an arrest quickly, safely, and humanely, ending the situation and facilitating a positive outcome that doesn't result in an injury or use of higher force.

3. Authorized Use:

1. Situations where the deployment of less-lethal impact or munitions is authorized include but are not limited to:

- a. Self-destructive, dangerous, and/or combative individuals.
- b. Circumstances where a tactical advantage can be obtained.

4. Expected Lifespan:

No expiration.

5. Fiscal Impact:

The Bola Wrap's annual maintenance is zero dollars. Cassette replacement costs \$1,500.00 annually for live and training purposes.