

A. MILITARY USE EQUIPMENT

1. **Robots:** A remotely-controlled unmanned machine that operates on the ground, which is utilized to enhance the safety of the community and officers. (Desert Regional SWAT Asset)
 - a. Description, quantity, capabilities, and purchase cost
 - i. ICOR Technology Mini-CALIBER Robot, cost: \$40,000, quantity: 1. Lightweight, modular and one-man portable, the Mini-CALIBER SWAT and EOD Robot is tested and recommended by the National Tactical Officers Association (NTOA). Designed for rapid tactical missions, the robot is simple to operate and quick to deploy for searching rooms, hallways, stairwells and confined spaces. With rubber tracks and articulating front and rear flippers, the Mini-CALIBER effortlessly climbs stairs. It also includes an extendible rotating claw arm that simplifies opening door handles.
 - b. Purpose

To be used to remotely gain visual/audio data, deliver CNT phone, open doors, clear buildings and deliver chemical munitions.
 - c. Authorized Use

Operators who have completed the required training shall be permitted to operate the robots.
 - d. Expected Lifespan 8-10 years.
 - e. Fiscal Impact

Annual maintenance and battery replacement cost is approximately \$600 (Batteries replaced at 3-4 years).
 - f. Training

All robot operators receive training annually during SWAT training days.
 - g. Legal and Procedural Rules

It is the policy of the IPD 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.



2. **Armored Vehicles:** Commercially produced wheeled armored personnel vehicle utilized for lawenforcement purposes. (Desert Regional SWAT Asset. Both armored vehicles are owned and maintained by the Palm Springs Police Department).

a. Description, quantity, capabilities, and purchase cost

- i. Lenco BEARCAT, cost: \$300,000, quantity: 1. The Lenco BearCat is an armored vehicle that seats 10-12 personnel with an open floor plan that allows for the rescue of downed 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. Lenco BEAR, cost: \$600,000, quantity: 1. The Lenco BEAR, is an armored vehicle that seats 16-18 personnel with an open floor plan that allows for the rescue of downed personnel. The Bear has increased ground clearance and a robust suspension which allows for an emergency response to almost any situation. It can stop various projectiles, which provides greater safety to citizens and officers beyond the protection level of shield and personal body armor. The Lenco BEAR features a heavy-duty hydraulic RAM mounted to the front of the vehicle. The removable RAM raises and lowers with interior controls and is capable of breaching doors, concrete barriers, and moving other large items. The RAM is a multi-purpose tool, which can also be equipped with a 360-degree camera system and a delivery system for non-lethal munitions.

b. Purpose

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

c. Authorized Use

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

d. Expected Lifespan

Lenco BearCat and BEAR, 25 years.

e. Fiscal Impact

None. Maintenance is handled through the City of Palm Springs.

f. Training

All drivers/operators shall attend formalized instruction and be trained in vehicle operations and practical driving instruction. BEAR drivers are required to obtain a Class B driver's license prior to use.

g. Legal and Procedural Rules

It is the policy of the Department to utilize armored vehicles only for official law enforcement purposes and pursuant to State and Federal law.



3. 40 MM Launchers and Rounds: 40MM Launchers are utilized by department personnel as a less-lethal tool to launch impact rounds.

a. Description, quantity, capabilities, and purchase cost

- i. DEFENSE TECHNOLOGY, 40MM SINGLE SHOT LAUNCHER, #1425, cost: \$1000, quantity: 26. 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.
- ii. PENN ARMS, 40MM PUMP MULTI-LAUNCHER, #P540-1, cost: \$3,000, quantity: 4. Penn Arms 40MM launchers are manufactured using 4140 hardened steel, 6061-T6 mil-spec anodized aluminum and DuPont super tough glass-filled nylon. These launchers are lightweight, versatile and used worldwide by police and corrections officers. It will fire standard 40mm less-lethal ammunition, up to 4.8 inches in cartridge length.
- iii. DEFENSE TECHNOLOGY, 40MM EXACT IMPACT SPONGE, #6325, cost: \$29, quantity: 98. The eXact IMPact 40mm Sponge Round is a point-of-aim, point-of-impact direct-fire round. This lightweight, high-speed projectile consisting of a plastic body and sponge nose that is spin-stabilized via the incorporated rifling collar and the 40mm launcher's rifled barrel. The round utilizes smokeless powder as the propellant, and, therefore, has velocities that are extremely consistent. Used for Crowd Control, Patrol, and Tactical Applications.
- iv. DEFENSE TECHNOLOGY, 40MM DIRECT IMPACT OC, #6320, cost: \$30, quantity: 80. The 40mm Direct Impact® munition is a point-of-aim, point-of-impact direct-fire round. An excellent solution whether you need to incapacitate a single subject or control a crowd. When loaded with OC powder, the Direct Impact combines blunt trauma with the effects of an irritant powder, maximizing the potential for incapacitation. NOTE: The current 40mm OC munitions inventory is expired and is being retained in a secure location for training use only.
- v. DEFENSE TECHNOLOGY, 40MM DIRECT IMPACT MARKING, #6326, cost: \$30, quantity: 26. The 40mm Direct Impact® munition is a point-of-aim, point-of-impact direct-fire round. An excellent solution whether you need to incapacitate a single subject or control a crowd. When loaded with a green marking agent, the Direct Impact can be used to indicate the aggressor in a crowd or riot situation to the team on the ground. NOTE: The current 40mm marking munitions inventory is expired and is being retained in a secure location for training use only.
- vi. DEFENSE TECHNOLOGY, 40MM DIRECT IMPACT INERT, #6323, cost: \$30, quantity: 3. The 40mm Direct Impact® munition is a point-of-aim, point-of-impact direct-fire round. An excellent solution whether you need to incapacitate a single subject or control a crowd. The black-nosed inert munition is a great option for training. NOTE: The current 40mm inert munitions inventory is expired and is being retained in a secure location for training use only.

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. Expected Lifespan
Defense Technology #1425 40mm Single Launcher- 20 years.
Penn Arms #P540-1 40mm Multi-Launcher- 25 years.
Defense Technology #6325 Exact Impact Sponge- 5 years.
Defense Technology #6320 Direct Impact OC- 5 years.
Defense Technology #6326 Direct Impact Marking- 5 years.
Defense Technology #6323 Direct Impact Inert- 5 years.
- e. Fiscal Impact
Annual maintenance is approximately \$50 for each launcher. Munitions need to be replaced at end of life (5-years) or as needed upon use.
- f. 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.
- g. Legal and Procedural Rules
Use is established under IPD Policy Section 308.6 and 308.9. It is the policy of the IPD to utilize the 40mm only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.



- 4. Combined Systems LC5 40MM Launching Cup:** Cup that attaches to 12 gauge less-lethal shotguns which allow officers to launch canisters of chemical agents or smoke.
- a. Description, quantity, capabilities, and purchase cost
COMBINED SYSTEMS LC5 40MM LAUNCHING CUP, cost: \$315, quantity: 2. The LC5 Launching Cups are designed for the 5200 series grenades. The cups can be attached to virtually any 12ga shotgun and the munition is launched with the Combined Systems model 2600 launching cartridge.

- 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. Expected Lifespan
Combined Systems LC5 40MM Launching Cup- 25 years
- e. Fiscal Impact
No annual maintenance. However, replacement costs to maintain an adequate supply.
- f. Training
Officers utilizing the launching cups are trained by POST-certified chemical agent instructors.
- g. Legal and Procedural Rules
Use is established under IPD Policy Section 308..6. It is the policy of the IPD to utilize the 40mm launching cups to deliver chemical agents and/or smoke only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

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

- a. Description, quantity, capabilities, and purchase cost
 - i. COMBINED TACTICAL SYSTEMS, 7290M MINI FLASH-BANG, cost: \$42, quantity: 36. The CTS 7290M Mini Flash-Bang is the newest generation in the evolution of the Flash-Bang. The Flash-Bang exhibits all of the same attributes as its larger counterpart but in a smaller and lighter package. Weighing in at just 15 ounces the new 7290M is approximately 30% lighter than the 7290 but still has the same 175db output of the 7290 and produces 6-8 million candela of light. The patented design of the 7290M, incorporates a porting system that eliminates movement of the body at detonation even if the top or bottom of the device should be in contact with a hard surface. In addition, internal adjustments have greatly reduced smoke output.
 - ii. COMBINED TACTICAL SYSTEMS, 7290-3 FLASH-BANG cost \$109, quantity: 1. 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.
 - iii. COMBINED TACTICAL SYSTEMS, 7290-6 FLASH-BANG, cost \$135, quantity: 1. 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.
 - iv. COMBINED TACTICAL SYSTEMS, 7290-9 FLASH-BANG, cost \$146, quantity: 1. 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.
 - v.

b. Purpose

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

c. Authorized Use

Diversionary Devices shall only be used:

- i. By officers who have been trained in their proper use.
- ii. During barricaded subject and/or hostage situations.
- iii. During high-risk warrant services.
- iv. When discouraging dangerous animals from attacking
- v. During riotous situations or to restore or maintain order during civil disturbances.
- vi. Circumstances wherein distraction of violent and/or emotionally disturbed persons and/or those under the influence of alcohol/drugs is believed necessary to facilitate apprehension/custody.
- vii. Situations wherein the Incident Commander or on-scene Supervisor deems their use necessary to safely resolve the incident.
- viii. During training exercises.

d. Expected Lifespan

All of the above-listed distraction devices are single-use and expire after five years.

e. Fiscal Impact

No annual maintenance. However, replacement costs to maintain an adequate supply.

f. Training

Prior to use, officers must attend diversionary device training that is conducted by POST-certified instructors.

g. Legal and Procedural Rules

Use is established under IPD Policy Section 415. It is the policy of the IPD to utilize diversion devices only for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force.



- 6. Rifles:** Guns 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. AMERICAN DEFENSE MANUFACTURING AR-15, 5.56 CALIBER RIFLE, MODEL UIC MOD1, cost: \$1,200, quantity: 53. Built on a billet aluminum, fully ambidextrous upper and lower receiver set, the ADM UIC MOD 1 is the Law Enforcement Duty Carbine of the UIC line. Barrel lengths vary and include 11.5", 14.5", and 16" barrels. This is the standard AR-15 style rifle issued to officers and utilized by law enforcement agencies nationwide.
 - ii. COLT M-4, .223 CALIBER RIFLE, MODEL LE6946CQB, cost: \$1,400, quantity: 12. The LE6946CQB displays fresh ingenuity with a folding front sight for enhanced optical solutions, and a straight gas tube and a removable lower rail which provides modularity for under mounting accessories. The patented one-piece monolithic upper receiver incorporates a continuous Mil-Spec rail from the rear of the upper receiver to the front sight. This feature affords unmatched repeatability for mounting optical systems, not found with separate handguard rail systems. Designed with accuracy in mind, its true free-floating barrel provides the enhanced accuracy necessary for long-range acquisition capability. This select-fire rifle is issued to SWAT operators assigned to the Desert Regional SWAT Team.
 - iii. BUSHMASTER M-4, .223 CALIBER RIFLE, MODEL XM15-E25, cost: \$1,100, quantity: 11. One of Bushmaster's most popular rifles, the Patrolman's Carbine is equipped with a 16" M4 Barrel, with a chrome-lined bore and chamber. The A2 birdcage-type flash hider was built to control muzzle flash, and the six-position telestock allows for quick and lightweight handling. This model also includes an A3 removable carry handle with 1/2 MOA elevation and 1/2 MOA windage adjustments. This is the standard AR-15 style rifle issued to officers and utilized by law enforcement agencies nationwide.
 - iv. LWRC INTERNATIONAL MK12- 5.56mm cost: \$2,500, quantity: 1. The Mk12 is equipped with an 18" Barrel, This firearm is gas-operated with a rotating bolt, along with a Surefire muzzle brake. It is equipped with a LaRue/Harris bipod (Quick-detach) & Surefire MINI suppressor and Geissele trigger. The rifle has a Magpul stock with a medium-range mission-specific optic. This rifle is primarily used in an overwatch capacity or during a SWAT callout to protect the community during large events. (City Parades, Music Festivals, SWAT. deployments).
 - v. REMINGTON .308 CALIBER RIFLE, MODEL 700, cost: \$3,500, quantity 2. The Model 700 is a highly maneuverable member of the family. It's built for tack-driving accuracy with a 26" heavy-contour tactical-style barrel. It includes a bolt carrier group that reduces overall recoil and impulse and is easy to maintain and operate in all weather conditions. The rifle is equipped with a LaRue/Harris bipod, surplus sling, and a Leopold long-range scope. This rifle is primarily used in an overwatch capacity to protect the community during large events and during SWAT deployments.
 - vi. ACCURACY INTERNATIONAL .308 CALIBER RIFLE, cost \$7,000, quantity 1. 28" barrel. The AI .308 caliber rifle is a precision sniper rifle. It is a highly accurate and durable rifle that is easy to maintain and operate in all weather conditions. The AI features a Bolt-Connection System that dramatically increases the connection surface area between the barrel and upper receiver for increased stability, accuracy and

consistency, traditionally only found in high-end bolt action rifles. The rifle is equipped with a LaRue/Harris bipod, sling, and long-range scope. This rifle is primarily used in an overwatch capacity to protect the community during large events and during SWAT deployments. NOTE: This rifle is owned by the Palm Springs Police Department. However, it is currently being utilized by an Indio Police officer assigned to Desert Regional SWAT.

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

American Defense Manufacturing rifles- 15 years.

Colt M-4 rifles- 10 years.

Bushmaster rifles- 15 years.

LWRC International rifles- 10 years.

Remington 700 rifles- 10 years.

Accuracy International rifle- 10 years.

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 that operate any rifle are required to pass a range qualification annually. Additional qualifications are in place for those assigned to Desert Regional SWAT.

g. Legal and Procedural Rules

Use is established under IPD Policy Sections 300, 312 and 409. It is the policy of the IPD to utilize rifles only for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force.

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

a. Description, quantity, capabilities, and purchase cost

- i. COMBINED TACTICAL SYSTEMS, CS BAFFLED CANISTER GRENADE , PYRO, LOW FLAME POTENTIAL, #5230B, cost: \$45, quantity: 18. Pyrotechnic grenade designed for indoor use delivering a maximum amount of irritant smoke throughout multiple rooms with minimal risk of fire. The Baffled Grenade can be used in crowd control as well as tactical deployment situations by Law Enforcement and Corrections but was designed with the barricade situation in mind. Its applications in tactical situations are primarily to detect and/or dislodge barricaded subjects. The purpose of the Baffled Grenade is to minimize the risks to all parties through pain compliance, temporary discomfort, and/or incapacitation of potentially violent or dangerous subjects. The Baffled Grenade provides the option of delivering a pyrotechnic chemical device indoors, maximizing the chemicals' effectiveness via heat and vaporization while minimizing or negating the chance of fire to the structure.
- ii. COMBINED TACTICAL SYSTEMS, RIOT CS SMOKE, #5230, cost: \$34, quantity: 12. Large diameter burning grenade that discharges a high volume of smoke and

chemical agent through multiple emission ports. Specifically for outdoor use and should not be deployed on rooftops, in crawl spaces or indoors due to potential fire hazards. Can be hand thrown or launched. Discharge duration can reach up to 40 seconds.

- iii. COMBINED TACTICAL SYSTEMS, WHITE SMOKE, #6210, cost: \$32, quantity: 24. White outdoor smoke grenades are used for obscuring tactical movement and signaling or marking a landing zone.
- iv. COMBINED SYSTEMS, 40MM CS POWDER BARRICADE PENETRATING ROUND, #4431, cost: \$25, quantity: 24. This round is a spin-stabilized, 4.1" long, CS powder-filled projectile that penetrates intermediate barriers and delivers irritant agents into an adjacent room. Effectiveness is dependent upon the type of weapon, angle of impact, environmental conditions, and the type of the intermediate barrier. The greatest probability for penetration occurs when the projectile impacts 90° perpendicular to the intermediate barrier. General usage in tactical situations involves intermediate barriers, such as single pane exterior windows, vehicle windows, pressed wood particle doors, 1-2 layers of wallboard, and interior hollow core doors. In a tactical deployment situation, the 40mm barricade penetrating round 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.
- v. DEFENSE TECHNOLOGY, RIOT CONTROL CONTINUOUS DISCHARGE GRENADE, CS, #1082, cost: \$29, quantity: 31. The Riot Control CS Grenade is designed specifically for outdoor use in crowd control situations with a high volume continuous burn that expels its payload in approximately 20-40 seconds through four gas ports located on the top of the canister. This grenade can be used to conceal tactical movement or to direct the route of a crowd. The volume of smoke and agent is vast and obtrusive. This launchable grenade is 6.0 in. by 2.35 in. and holds approximately 2.7 oz. of active agent. NOTE: The current inventory of this item is expired and is being retained in a secure location for training use only.
- vi. DEFENSE TECHNOLOGY, MILITARY STYLE SAF-SMOKE GRENADE, # 1063, cost \$26, quantity: 8. The Saf-Smoke™ Grenade was designed for training, but may also be used in operations. The Saf-Smoke Grenade offers the same approximate burn times as the Spede-Heat™ Grenade in CN or CS and the Riot Control Grenade in CN or CS. The similar burn times may make it the appropriate choice for training or simulation deployment of chemical agent canisters. The Saf-Smoke formulation is considered to be less toxic than Hexachloroethane (HC) smoke. The Saf-Smoke Grenade emits a very white smoke. NOTE: The current inventory of this item is expired and is being retained in a secure location for training use only.
- vii. DEFENSE TECHNOLOGY, POCKET TACTICAL GRENADE - SAF-SMOKE, #1017, cost \$28, quantity: 8. The Pocket Tactical Saf-Smoke™ Grenade is small and lightweight. The Saf-Smoke™ will burn for approximately 20-40 seconds. At 4.75 in. by 1.4 inches in size, it easily fits in most tactical pouches. This is a launchable grenade; however, it is normally used as a signaling or covering device. Though it is slightly over four inches in length, it produces a smoke cloud so fast it appears to be an enveloping screen produced by a full-size tactical grenade. NOTE: The current

inventory of this item is expired and is being retained in a secure location for training use only.

- viii. DEFENSE TECHNOLOGY, POCKET TACTICAL GRENADE - CS, #1016, cost: \$24, quantity: 6. The Pocket Tactical CS Grenade is small and lightweight. The 0.9 oz. of active agent will burn approximately 20-40 seconds. At 4.75 in. by 1.4 inches in size, it easily fits in most tactical pouches. This is a launchable grenade; however, it is normally used as a signaling or covering device. Though this device is slightly over four inches in length, it produces a smoke cloud so fast it appears to be an enveloping screen produced by a full-size tactical grenade. NOTE: The current inventory of this item is expired and is being retained in a secure location for training use only.
- ix. DEFENSE TECHNOLOGY, 37MM FERRET - CS, #1162, cost: \$38, quantity: 12. The Ferret® 37 mm CS Round is a frangible projectile filled with chemical agent. Upon impacting the barrier, the nose cone ruptures and instantaneously delivers the .16 oz. agent payload inside a structure. These munitions are 4.8 in. by 1.5 in. and travels at 650fps within an effective range of 50 yards. NOTE: The current inventory of this item is expired and is being retained in a secure location for training use only.
- x. SABRE RED, PHANTOM AEROSOL GRENADE - OC, #AG-PTM-40 (MK-5), cost: \$13, quantity: 17. The SABRE Red 1.33% MC, 3.6 oz., MK-5 PHANTOM Evaporating Fog Delivery Aerosol Grenade empties in fourteen (14) seconds filling an area of 22,000 cubic feet in 60 seconds. PHANTOM's evaporating fog delivery is more debilitating (inhalation effect) and simpler to clean up (fresh air) than traditional fog delivery systems, making PHANTOM the ideal extraction tool.

b. Purpose

To limit the escalation of conflict where employment of lethal force is prohibited or undesirable. Situations for the 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 of chemical agents or have been trained by a POST-Certified instructor are authorized to use chemical agents.

d. Expected Lifespan

All of the above-listed distraction devices are single-use and expire after five years.

e. Fiscal Impact

No annual maintenance. However, replacement costs to maintain an adequate supply.

f. Training

Sworn members utilizing chemical agent canisters are certified by POST less-lethal and chemical agents instructors. Desert Regional SWAT members conduct annual training for SWAT operators.

g. Legal and Procedural Rules

Use is established under IPD Policy Section 308. It is the policy of the IPD to utilize chemical agents only for official law enforcement purposes, and pursuant to State and Federal law

regarding the use of force.



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

a. Description, quantity, capabilities, and purchase cost

- i. ROYAL ARMS REMINGTON 870 BREACHING SHOTGUN, cost: \$795, quantity: 2. This weapon allows for breachers to safely utilize shotgun breaching rounds in order to destroy deadbolts, locks, and hinges. The stand-off that is attached to the end of the barrel allows for positive placement of the gun into the correct position and vents gases to prevent overpressure. This weapon, which is only utilized for breaching, can also defeat windows and sliding glass doors with a flashbang round.
- ii. ROYAL ARMS TESAR-2 BLACK CAP 425 GRAIN COPPER FRANGIBLE BREACHING ROUND, cost: \$5 per round, quantity: 16. The round is fired from a breaching shotgun and is used to destroy deadbolts, locks and hinges.
- iii. ROYAL ARMS TESCR-3 GREEN CAP 375 GRAIN CLAYVON FRANGIBLE BREACHING ROUND, cost: \$5 per round, quantity: 5. The round is fired from a breaching shotgun and is used to destroy all locks, cross-bolts and hinges.
- iv. ROYAL ARMS FB-82H 12-GAUGE 82 GRAIN FLASH BANG HARD BREACHING ROUND, cost: \$5 per round, quantity: 5. The rounds are fired from a breaching shotgun and can be used as a diversionary round or to can be used to breach solid wood doors, light steel, sliders or car windows.

b. Purpose

To safely gain entry into a structure.

c. Authorized Use

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

d. Expected Lifespan

Breaching Shotgun- 25 years

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

Royal Arms TESR-3 green cap 375 grain clayvon frangible breaching round- 5 years

- Royal Arms FB-82H 12-gauge 82 grain flash-bang hard breaching round- 5 years
- e. Fiscal Impact
Annual maintenance is minimal. However, replacement costs to maintain an adequate supply.
 - f. Training
All officers who use explosive breaching tools shall attend 40 hours of explosive breaching instruction and must additionally receive quarterly training for explosive operations.
 - g. Legal and Procedural Rules
It is the policy of the IPD to utilize breaching tools only for official law enforcement purposes, and pursuant to State and Federal law.

9. Unmanned Aerial System (UAS) / Drones: An unmanned aircraft system of any type that can sustain direct flight, whether remotely controlled or via pre-programming, and all the attached systems designed for gathering information via photography, recording, or any other means.

- a. Description, quantity, capabilities, and purchase cost
 - i. Axon Air DJI Mavic 3 Thermal SP Plus UAS, cost: \$6,522.83, quantity: 1
 - ii. Axon Air DJI Mavic 3 Enterprise SP Plus UAS, cost: \$8,608.65, quantity: 2
 - iii. Axon Air DJI Mavic Mini 2 UAS, cost: \$1,409.40, quantity: 2
- b. Purpose
To be used to remotely gain visual/audio data, deliver CNT phone, open doors, clear buildings and deliver chemical munitions.
- c. Authorized Use
 - i. Conduct aerial searches for Missing Persons.
 - ii. Collection of evidence in the form of aerial photography / video in support of an investigation (i.e., traffic scenes, shooting scenes, homicide scenes).
 - iii. Provide the ability to monitor rapidly evolving reports of at-large persons suspected of serious criminal offenses or individual threatening violent behavior before potentially dangerous face-to-face contact is required.
 - iv. Unmanned robotics have numerous applications and are used instead of personnel in high-risk environments to increase safety for law enforcement.
 - v. Gain visual/audio data, deliver crisis negotiation phone, open doors, and remotely clear buildings and structures.
 - vi. Provide aerial observation to assist in managing natural disasters (i.e., fires, floods, storms).
 - vii. Community events for engagement and developing public trust.
- d. Expected Lifespan
3-5 years.
- e. Fiscal Impact
Annual software, programming, and maintenance is approximately \$9,757.32.
- f. Training
All department UAS operators are licensed by the Federal Aviation Administration for UAS operation after the completion of an 80-hour training course. In addition, department UAS operators conduct routine monthly training.
- g. Legal and Procedural Rules
The use of this equipment shall comply with the authorizations and prohibitions set forth in IPD Policy 614 Unmanned Aerial Systems UAS Operations and FAA Regulation 14 CFR Part 107 Small Unmanned Aircraft Systems.



