

EXHIBIT 1
Qualifying Equipment Owned/Utilized by the Fremont Police Department

Equipment Name: Unmanned Aircraft Systems (UAS/Drones) – CA Gov't Code § 7070 (c)(1)	
Quantity Owned/Sought: 17	Lifespan: 5 years
Equipment Capabilities: Remotely piloted aerial vehicle capable of providing live and recorded video images captured from aerial positions, including images enhanced by Forward Looking Infrared (FLIR), thermal, and optical zoom lenses.	
Manufacture Product Description:	
<p><u>DJI Matrice 350:</u> The DJI Matrice 350 (M350) is the newest generation of UAS platform with enhanced connectivity between the drone and remote providing increased safety and more stable video transmission. The system has improved battery efficiency increasing max flight time up to 55 minutes and carries a weather rating of IP55 allowing flight during inclement weather. The system integrates 6-directional sensing and positioning sensors increasing safety during flight and has the ability to carry up to 2.7KG allowing the mounting of 3rd party cameras enhancing situational awareness. This system can be utilized for both field deployments and/or as a Drone as First Responder (DFR).</p>	
<p><u>DJI Matrice 30T:</u> The DJI Matrice 30T (M30T) feature 54 km/h wind resistance and the ability to fly in snow, heavy rain (IP55 rating), and temperature as low as -20°C (4°F). The M30T comes with a 48MP 1/2" CMOS sensor optical zoom camera (5-16x) optical and 200x digital zoom, a 12MP wide-angle camera, 8K photo 4K@30fps video resolution, 1920x1080@30fps FPV camera, and a laser rangefinder which can give the precise coordinates of objects up to 1,200 meters away. Additionally, the M30T features a 640x512 pixel radiometric thermal camera. Designed for harsh flight conditions, the DJI M30T comes with built-in advanced redundancy systems to help keep critical missions going even in unexpected scenarios. The M30T features three-propeller Emergency Landing. In the unlikely case of a motor malfunction during flight, the M30T can make an emergency landing with just three propellers/motors. In addition to DJI's four-antenna OcuSync 3 communication system, the M30T features an LTE GSM link for backup transmission that allows it to maintain connection in complex terrains. While in FCC mode the range is up to 15KM, in CE/SRRC/MIC modes is 8Km. The TB30 intelligent flight 6S battery has a total power of 131.6 Wh and provides up to 41 minutes of flight time. The expected hovering time is about 36 minutes. The smart battery pack has the following built-in safety features: Anti-Backflow, Short Circuit, Over Voltage, Over Current, and Temperature.</p>	
<p><u>DJI Avata:</u> The DJI Avata makes it easy to film ultra-wide 4K stabilized video indoors or outside, in and around objects. Sporting what some call a "cinewhoop" design, the Avata comes in a palm-sized form factor with all four propellers protected with attached guards. This allows for close-up filming indoors, near people, and through small openings without risking damage or injury to people and property. If the Avata does come in contact, it can just bounce off and keep flying. For a more immersive experience with intuitive controls, you can opt to pair the Avata with optional Goggles 2, FPV Goggles V2, and the DJI Motion Controller.</p>	
<p><u>DJI Mavic Mini 3 Pro:</u> The tiny and lightweight DJI Mini 3 Pro is sub-250g and is a member of DJI's "Mini Series". The Mini 3 Pro has the addition of a tri-directional obstacle avoidance system which is a significant improvement over its predecessors. The drone has many improved features from previous versions to include a bigger sensor – now a 1/1.3-inch CMOS chip; its lens's maximum aperture has been increased to a bright f/1.7; its video capabilities have been vastly improved; and the camera can be rotated 90 degrees, enabling the ability to capture stills and video in both landscape and portrait format.</p>	

DJI Mavic 4 (M4): Mavic 4 is the next generation of UAS the department primarily utilizes for field deployments. The latest version provides a safer, more reliable platform utilizing enhanced sensing capabilities to aid in collision avoidance and consistent connectivity between the UAS and controller. The system utilizes integrated color and infrared thermal cameras to provide situational awareness as well as an integrated laser range finder to determine distance and location. The system can also be fitted with an auxiliary light to aid in providing visible light to a scene during night deployments.

DJI Mavic 3/3TD: Mavic 3 offers significantly improved imaging performance thanks to its 4/3 CMOS Hasselblad camera and 24mm-equivalent lightweight lens. It can record up to 5.1K/50fps or 4K/120fps videos. Mavic 3 Cine supports Apple ProRes 422 HQ, Apple ProRes 422, and Apple ProRes 422 LT encoding. The tele lens of the dual-camera system supports explore mode for 28x hybrid zoom, allowing to see more of the environment with ease. The flight experience has also been comprehensively improved with the flight time extended to 46 minutes and a hover time of 40 minutes. The incredibly stable O3+ technology, video transmission can reach up to 15 km and supports 1080p/60fps real-time transmission. DJI Mavic 3 is equipped with an omnidirectional obstacle sensing system, which is multiple wide-angle vision sensors onboard work together seamlessly with a high-performance vision computing engine to sense obstacles in all directions precisely and plan a safe flight route that avoids obstacles. The Mavic 3TD is capable of being integrated with the DJI Box 2, providing a secure housing for the UAS, wireless charging, and the ability to launch from a fixed location utilizing DFR.

DJI Phantom 4 Pro: The Phantom 4 Pro's camera shoots 4K/60fps at a bitrate of 100Mbps and stills up to 20-megapixels. The Flight Autonomy system adds dual rear vision sensors and two Time of Flight range imaging cameras for a total of 5 directions of obstacle sensing with a range of up to 30m in all directions. The Lightbridge HD video transmission system offers an extended maximum transmission range of 4.3mi (7km) with the ability to switch between 2.4GHz and 5.8GHz. The aircraft's Intelligent Flight Battery also have increased capacity by 520mAh to enable an extended flight time of 30 minutes.

DJI Mavic 2 Enterprise: The Mavic 2 Enterprise Dual features a 24mm camera with a 1/2.3" 12MP sensor and FLIR thermal imaging sensor. The cameras can capture up to UHD 4K resolution video at 30 fps, or thermal imaging images and temperature data. The Mavic 2 Enterprise can achieve speeds of up to 44.7 mph, and the four-cell LiPo battery provides up to 31 minutes of flight time. The Mavic 2 Enterprise Dual also supports OcuSync 2.0 video transmission system. Additionally, there are three modular accessories to include a spotlight, speaker, and beacon. The Mavic 2 Enterprise also has omnidirectional obstacle sensing.

DJI Mavic 2 Zoom: The Mavic 2 Zoom features a 24-48mm 2x optical zoom camera with 1/2.3" 12MP sensor and a 4x lossless zoom (including 2x optical zoom). The Mavic 2 Zoom utilizes a low-drag aerodynamic body design for achieving speeds up to 44.7 mph, a four-cell LiPo battery for up to 31 minutes of flight time, and low-noise propellers for filming without being distracting. The Mavic 2 Zoom also supports OcuSync 2.0 video transmission system. Additionally, there are three modular accessories to include a spotlight, speaker, and beacon. The Mavic 2 Enterprise also has omnidirectional obstacle sensing.

DJI Mavic Mini: The Mavic Mini from DJI is a compact drone weighing in at under 9 oz. The Mavic Mini has 3-axis gimbal and sophisticated flight modes that can achieve up to 12MP images, 2.7K Quad HD videos, and complex cinematic shots with access to the DJI Fly app. The Mini drone features up to 30 minutes of flight time on a full battery charge.

DJI Mavic Enterprise 2 Advanced: The Mavic 2 Enterprise Advanced features a 35 mm format camera with a 48 MP visual camera and high resolution 640 x 512 Thermal Resolution. The cameras can capture up to UHD 4K resolution video at 30 fps, or thermal imaging images and temperature data. The Mavic 2 Enterprise can achieve speeds of up to 44.7 mph, and the four-cell LiPo battery provides up to 31 minutes of flight time. Additionally, there are three modular accessories to include a spotlight, speaker, and beacon. The Mavic 2 Enterprise also has omnidirectional obstacle sensing.

Purpose/Authorized Uses: Unmanned aerial systems may be utilized through field deployment and Drone as First Responder (DFR) operations to enhance the department’s mission of protecting lives and property when other means and resources are not available or are less effective. Field deployed UAS are deployed “in the field” at or near the scene of incidents while DFR utilizes UAS deployed from a fixed location enabling a faster UAS response to qualifying calls. Since the development of the City of Fremont Public Safety UAS program in 2017, the Fremont Fire Department and the Fremont Police Department have supported each other in UAS operations and will continue to do so. Any use of a UAS will be in strict accordance with constitutional and privacy rights and Federal Aviation Administration (FAA) regulations.

Fiscal Impacts: Costs associated with replacement/repair of equipment ~ \$5,000; the price of the UAV is based upon each specific model. The most expensive UAV is the Matrice 30T with a \$14,000 price for the UAV. The allotted annual fiscal budget is \$50,000 which includes software, UAVs, Training budget, and built-in overtime budget.

Legal/Procedural Rules Governing Use: The use of the UAV is in accordance with Fremont Police Department Unmanned Ariel Systems (UAS) Policy (614) and Federal Aviation Administration (FAA) Regulations.

Training Required: Basic in-house training course of 16 hours, bi-annual training for 8 hours, mandatory 1 hour of flight time per month to stay current for proficiencies.

Other: UAVs consistently improve and advance from year to year. There may be times when equipment becomes available that are imperative for successfully operating the fleet while old technology becomes obsolete.

Equipment Name: City of Fremont- Mobile Command Vehicle (MCV) CA Gov't Code § 7070 (c)(5)	
Quantity Owned/Sought: 1	Lifespan: ~15 years
Equipment Capabilities: The vehicle provides mobile, remote access to radio, internet planning and operational resources to assist with the command and control of major incidents and other planned operations. The vehicle also has the capability to dispatch officers and firefighters, as well as receive 9-1-1 calls.	
Manufacture Product Description: The City of Fremont- Mobile Command Vehicle was built in conjunction with the Fremont Fire and Fremont Police Departments as a unified command vehicle but can also alternate between fire specific and police specific missions. The vehicle was custom built by Pierce Manufacturing in Appleton Wisconsin in 2013. The vehicle has a fire truck chassis.	
Purpose/Authorized Uses: The MCV can be deployed for any fire and/or police incidents which it would be deemed beneficial to do so.	
Fiscal Impacts: The initial costs of the MCV was approximately \$1.2 million which was subsidized by UASI (Urban Areas Security Initiatives)- US Department of Homeland Security grants. The annual upkeep for the vehicle is approximately \$5000.	
Legal/Procedural Rules Governing Use: Fremont Police Department Lexipol policy 802.8.1 allows the use of the MCV as means of restoring 9-1-1 call processing. A Class B license is required to drive the vehicle.	
Training Required: A Class B license is required to drive the vehicle. There are 2 Special Response Team (SRT) members who are assigned to the vehicle during operations to facilitate its operation.	
Other: The MCV is not a tactical vehicle but rather a multi-purpose vehicle to help facilitate command and control during field incidents by both the Fremont Fire Department as well as the Fremont Police Department by providing intelligence assets. The vehicle does not have any armor nor is it deployed in such a manner as it to be used in such a way. The vehicle is to be deployed at the periphery of a tactical incident if one such arises.	

Equipment Name: Lenco BearCat G2-CA Gov't Code § 7070 (c)(3)	
Quantity Owned/Sought: 1	Lifespan: ~15 years
Equipment Capabilities: The vehicle is equipped with emergency lights/sires, rotating roof hatch, electric winches, running boards, protection against chemical agents, back-up camera, battering ram attachment, CS (tear gas) deployment nozzle, Thermographic cameras, and spot/flood lights. The vehicle is armored with a 0.5 – 1.5” thick steel and ballistic windows rated to stop a 0.50 caliber bullet.	
Manufacture Product Description: The Lenco BearCat G2 is the standard tactical armored vehicle for special operations units within the US Law Enforcement community. Since the early 2000s, agencies such as LAPD, LASD SEB, NYPD ESU, Boston PD and hundreds of Federal, State and Local Law Enforcement agencies have made the BearCat G2 part of their standard operating procedure. The G2 has excellent on-road driving characteristics and maneuverability in tight urban settings. The large floor plan seats 10 – 12 fully equipped officers.	
Purpose/Authorized Uses: The Bearcat is primarily used for Special Weapons and Tactics Team (SWAT) incidents, safe transport of SWAT personnel to and from critical incidents, high risk warrant service operations, dangerous high risk tactical operations, high risk rescue operations, training, community engagement efforts and any other applications deemed appropriate and approved by the SWAT Commander, Division Commander or Chief of Police.	
Fiscal Impacts: The cost of the Bearcat was approximately \$323,726, which was purchased through a UASI (Urban Areas Security Initiative)- US Department of Homeland Security grant.	
Legal/Procedural Rules Governing Use: The use of the Lenco bearcat G2 is governed by Fremont Police Department Lexipol Policy 704	
Training Required: Officers are to be trained in the operation of the Bearcat and MedEvac prior to use. Training requirements will be set by the SWAT Commander in cooperation with the Emergency Vehicle Operations (EVO) Training Manager. Training will include knowledge of this policy, rules of the road and basic knowledge of electronic/mechanical functions on the vehicle. The training will also include a driving exercise. SWAT personnel will receive advanced training and are expected to maintain a higher level of operational knowledge and expertise.	
Only FPD personnel who have completed training and possess a valid California Driver's License will be authorized to drive/operate the Bearcat or MedEvac, unless a delayed deployment of an ARV would result in serious bodily injury or death.	
The SWAT Commander or his/her designee is responsible for training officers on proper use, driving techniques and ensuring the vehicle is properly serviced and maintained.	
Other: The vehicle is designed to meet the tactical needs of law enforcement agencies tasked with responding to acts of violence and/or terrorism. The purpose is to enhance law enforcement's ability to serve and protect the community.	

Equipment Name: Lenco BearCat/MedEvac- CA Gov't Code § 7070 (c)(3)	
Quantity Owned/Sought: 1	Lifespan: 15 years
Equipment Capabilities: The BearCat/MedEvac is also referred to as the MedCat . The vehicle is equipped with two medical litters, oxygen tanks, a lighted work station, and compartments for medical supplies and gear storage. The vehicle has 0.5 to 1.5” steel and bullet resistant windows. There is also a nozzle with a water connector in case it is needed for fire suppression.	
Manufacture Product Description: The Lenco BearCat Medevac, also known as the MedCat, was designed to meet the combined requirements of SWAT & Tactical EMS Teams. This BearCat model can be used as an armored Response & Rescue SWAT truck for dangerous call-outs and is equipped to provide Tactical EMS with a safe & effective environment to deal with trauma cases. The Law Enforcement variant of the MedCat comes standard with (2) tactical litters secured to extended bench seating. There are on-board Oxygen tanks with a lighted work station, a radio compartment work station and ample interior compartments for medical supplies & gear storage.	
Purpose/Authorized Uses: The MedEvac is primarily used by the Tactical Emergency Medicine (TEMS) component of the Special Weapons and Tactics Team (SWAT) to provide emergency medical staff, equipment, and other rescue capabilities during high-risk operations. The MedEvac may also be utilized in a manner consistent with authorized use of the Bearcat. The MedEvac may be used in other situations deemed appropriate and approved by the SWAT Commander, Division Commander or Chief of Police. The purpose and intent of the acquisition and deployment of this vehicle is to enhance and sustain regional preparedness for first responders in major urban areas by allowing for delivery of emergency medical services into on-going hazardous situations. This will allow law enforcement, fire service staff, and medical personnel the ability to safely enter unsecured and unstable areas (warm or hot zone). This vehicle will assist with providing immediate medical assistance, enhancing the ability of first responders to rescue persons in need and help protect first responders at the scene of an emergency situation.	
Fiscal Impacts: The MedEvac is a Bay Area regional asset and was acquired through a joint cooperative effort between the Fremont Police Department and the San Leandro Police Department with financial assistance from Cal OES Governor’s Office of Emergency Services (Homeland Security Grant Program). The approximate price is \$300,000.	
Legal/Procedural Rules Governing Use: The use of the MedEvac is governed by Fremont Police Department Lexipol Policy 704.	
Training Required: Officers are to be trained in the operation of the Bearcat and MedEvac prior to use. Training requirements will be set by the SWAT Commander in cooperation with the Emergency Vehicle Operations (EVO) Training Manager. Training will include knowledge of this policy, rules of the road and basic knowledge of electronic/mechanical functions on the vehicle. The training will also include a driving exercise. SWAT personnel will receive advanced training and are expected to maintain a higher level of operational knowledge and expertise.	

Only FPD personnel who have completed training and possess a valid California Driver's License will be authorized to drive/operate the Bearcat or MedEvac, unless a delayed deployment of an ARV would result in serious bodily injury or death.

The SWAT Commander or his/her designee is responsible for training officers on proper use, driving techniques and ensuring the vehicle is properly serviced and maintained.

Other: The City of Fremont Police Department shares responsibility for the MedEvac with the City of San Leandro Police Department. A Memorandum of Understanding (MOU) has been established between the two agencies. The MOU outlines deployment responsibilities, ongoing maintenance and repair obligations, notification procedures and conflict resolution options. Both agencies jointly and separately agreed to abide by the terms and provisions of the MOU and respective department policies during the existence of the MOU. The MedEvac is by default, housed at the San Leandro Police Department.

Equipment Name: Ford Transit-350 Crew - CA Gov't Code § 7070 (c)(5)	
Quantity Owned/Sought: 1	Lifespan: 5 – 10 years
Equipment Capabilities: The Ford Van has storage space for the Hostage Negotiations Team (HNT) including battery storage and the throw phone. There is a large battery and a power inverter to assist with maintaining electronic equipment pertinent to establishing and maintaining communications with tactical operations and/or tactical negotiations.	
Manufacture Product Description: There are no manufacture product description as this was a unique vehicle made specifically for HNT on a Ford Transit 350 chassis.	
Purpose/Authorized Uses: The HNT vehicle can be deployed for any or police incidents which it would be deemed beneficial to do so.	
Fiscal Impacts: Approximately \$50,000	
Legal/Procedural Rules Governing Use: The use of the vehicle is reserved for HNT personnel (governed by Fremont Police Department Lexipol Policy 407.8) as well as the department fleet guidelines (Lexipol Policy 705).	
Training Required: The training for this vehicle is governed by Lexipol Policy 407.8.2.	
Other: Not Applicable	

Equipment Name: Icor Caliber T5 Robot- CA Gov't Code § 7070 (c)(1)	
Quantity Owned/Sought: 1	Lifespan: 10 years
Equipment Capabilities: Command and Control Unit (CCU) with multi-function control and variable-speed joystick, Two-way communication (talk/listen), lifts up to 45 lbs (20kg) arm retracted and 18 (8kg) arm extended, 360 degree rotating robotic claw with color charge-coupled device camera on telescoping arm, 36x optical zoom pan-tilt-zoom color camera.	
Manufacture Product Description: The Icor Caliber T5 Robot is a medium-sized robot designed for remote handling and Render Safe Procedures of IEDDs and other explosive ordnances, reconnaissance missions, two-way communication and deliver/retrieval tasks. The T5 is uniquely equipped with two robotic arms (a heavy-duty robotic claw and twin-disruptor turret).	
Purpose/Authorized Uses: Used to assist Fremont Police Department SRT Operators with inspecting suspicious packages thus rendering them safe, clearing residences and/or businesses during tactical operations, assisting officers and the community by clearing potentially dangerous building during tactical situations.	
Fiscal Impacts: Initial purchase of \$67000	
Legal/Procedural Rules Governing Use: The use of the robot is governed by Fremont Police Department Lexipol Policy 407.7.2(b).	
Training Required: One-day course in Robot Operation and Maintenance as well as access to a virtual training portal.	
Other: Recognizing that the missions of the SRT are performed in a hazardous environment, and recognizing that the safety of innocent persons, officers, and suspects is often jeopardized by the hazardous conditions, it shall be the intent of SRT to utilize special equipment in an attempt to lessen the risk of injury or death to all involved during the performance of a SRT operation. The SRT Commander will ensure that only those team members properly trained and certified in the use of the special equipment will utilize the equipment.	

Equipment Name: Defense Technologies Low Roll 12 gram non reloadable distraction device with safety clip (model: 8902NR)- CA Gov't Code § 7070 (c)(12)	
Quantity Owned/Sought: 75+	Lifespan: 5 years
Equipment Capabilities: The use of this device is to create a diversion during critical incidents. The device exploded with a loud bang and emits a bright light made to disorient the suspect(s).	
Manufacture Product Description: The Tactical Diversionary Device utilizes a M201A1 type fuse with a single use aluminum body. This compact unit is designed around a 6.5-gram water resistant charge, capable of producing an effective, yet reduced 162dB stimuli. Its size and shape are industry familiar and allow it to fit in standard tactical pouches. The device should only be deployed in areas that have been visually observed to be clear of potential hazards. It is recommended that the immediate area for deployment be visually affirmed to be clear of personnel and that the device is delivered so that the ports are free from obstruction. If the bottom ports are obstructed by an object or wall, the device body may move. The cleared area for deployment should be 5 - 6 feet around which the device is expected to come to rest.	
Purpose/Authorized Uses: Used during critical incidents as a diversionary device to disorient suspects.	
Fiscal Impacts: \$51 each	
Legal/Procedural Rules Governing Use: The use of flashbangs is governed by Fremont Police Department Lexipol Policy 407.7.2(b).	
Training Required: specialized training as deemed by the SRT Commander	
Other: Recognizing that the missions of the SRT are performed in a hazardous environment, and recognizing that the safety of innocent persons, officers, and suspects is often jeopardized by the hazardous conditions, it shall be the intent of SRT to utilize special equipment in an attempt to lessen the risk of injury or death to all involved during the performance of a SRT operation. The SRT Commander will ensure that only those team members properly trained and certified in the use of the special equipment will utilize the equipment.	

Equipment Name: Deftech LMT 40 mm kinetic energy projectiles with 40mm projectiles- CA Gov't Code § 7070 (c)(14)	
Quantity Owned/Sought: 110	Lifespan: 10 years
<p>Equipment Capabilities: This department is committed to reducing the potential for violent confrontations. Kinetic energy projectiles, when used properly, are less likely to result in death or serious physical injury and can be used in an attempt to de-escalate a potentially deadly situation.</p> <p>Department approved kinetic energy projectiles are fired from 40 mm launchers.</p>	
<p>Manufacture Product Description: The 40LMTS is a tactical single shot launcher that features an expandable ROGERS Super Stoc and an adjustable Integrated Front Grip (IFG) 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.</p>	
<p>Purpose/Authorized Uses: A sworn peace officer may utilize the Kinetic Energy Projectile in the discharge of his/her duties when other options have been exhausted, are ineffective, or are inappropriate during attempts to control or subdue combative or violent individuals and the use of deadly force can be forestalled.</p> <p>The Kinetic Energy Projectile shall be used with discretion and care in circumstances which permit the lawful use of lethal or less lethal force.</p>	
Fiscal Impacts: \$809.75 per 40mm launcher and \$18.35 per 40mm projectile	
Legal/Procedural Rules Governing Use: The use of 40mm kinetic energy projectile is governed by Fremont Police Department Lexipol Policy 305.9.	
<p>Training Required: The Training Sergeant shall ensure that all personnel who are authorized to carry a control device have been properly trained and certified to carry the specific control device and are retrained or recertified as necessary.</p> <p>Proficiency training shall be monitored and documented by a certified, control-device weapons instructor.</p> <p>All training and proficiency for control devices will be documented in the officer's training file.</p>	
<p>Other: The SWAT Unit vehicles, each patrol supervisor's vehicle, and most patrol vehicles are equipped with a launcher for delivery of the Kinetic Energy Projectile. The Kinetic Energy Projectile will only be used by a supervisor or officer who has been trained in the use of the appropriate delivery system.</p>	

Equipment Name: Tippmann FTC Pepper ball launchers- CA Gov't Code § 7070 (c)(12)	
Quantity Owned/Sought: 14	Lifespan: 10 years
Equipment Capabilities: The pepper ball launcher is semi-automatic, firing rate of 10-12 RPS, 13 Cubic inch high pressure air system using CO2. The launcher deploys a hard-plastic frangible sphere that is designed to burst upon impact.	
Manufacture Product Description: FTC is a high-capacity, semi-automatic launcher that is perfect for crowd management and mobile field force operations. Reliable and accurate, it features a hopper that can hold up to 180 rounds and a flexible air source configuration.	
Purpose/Authorized Uses: Pepper projectiles are plastic spheres that are filled with a derivative of OC powder. Because the compressed gas launcher delivers the projectiles with enough force to burst the projectiles on impact and release the OC powder, the potential exists for the projectiles to inflict injury if they strike the head, neck, spine or groin. Therefore, personnel using a pepper projectile system should not intentionally target those areas, except when the officer reasonably believes the suspect poses an imminent threat of serious bodily injury or death to the officer or others. The effective operational distance for departmentally-approved pepper projectiles is from 5 feet to 120 feet. In an effort to lower the probability of serious bodily injury or death to the suspect, any discharge of less than 10 feet should be intentionally aimed at the arms or legs only.	
Fiscal Impacts: \$394.44 per launcher	
Legal/Procedural Rules Governing Use: The use of the pepper ball launcher is governed by Fremont Police Department Lexipol Policy 305.7.2.	
Training Required: The training for the use of the pepper ball launcher is governed by Fremont Police Department Lexipol Policy 305.10 which states: The Training Sergeant shall ensure that all personnel who are authorized to carry a control device have been properly trained and certified to carry the specific control device and are retrained or recertified as necessary. <ul style="list-style-type: none"> a. Proficiency training shall be monitored and documented by a certified, control-device weapons instructor. b. All training and proficiency for control devices will be documented in the officer's training file. c. Officers who fail to demonstrate proficiency with the control device or knowledge of this agency's Use of Force Policy will be provided remedial training. If an officer cannot demonstrate proficiency with a control device or knowledge of this agency's Use of Force Policy after remedial training, the officer will be restricted from carrying the control device. 	
Other: Not Applicable	

Equipment Name: Remington Breaching Shotgun (Model 870, 12 Gauge)- - CA Gov't Code § 7070 (c)(8)	
Quantity Owned/Sought: 25	Lifespan: 15-20 years
Equipment Capabilities: To quickly force entry through locked and/or barricaded doors, the Department authorizes the use of the breaching shotgun. The use of the breaching shotgun allows officers to defeat doors that mechanical breaching tools would normally be unable to open. The primary function of the breaching shotgun is for forcing entry. Although the breaching shotgun is a firearm, it has been modified for breaching purposes. Additionally, the selected ammunition is frangible and designed to defeat door locks and hinges.	
<p>Manufacture Product Description: From Remington Arms: Starting with a receiver machined from an 8 1/2-pound billet of steel might not be the easiest way to build a shotgun, but the end result is well worth the extra effort. No other pump shotgun can match the Model 870's strength and smooth, effortless operation.</p> <p>Its legendary reliability is the heart of its popularity, as evidenced by the more than 13 million outdoorsmen, law enforcement officers, competitive shooters and home defenders who have chosen the never-say-die pump gun since its introduction in 1950. That same reliability has made the Model 870 one of the most adaptable shotgun designs ever, and the best-selling shotgun of all time.</p>	
Purpose/Authorized Uses: When a decision has been made to conduct an emergency entry, the breaching shotgun may only be used when it appears reasonably necessary to prevent death or great bodily injury. Officers are also required to obtain the approval of a supervisor unless the circumstances make it impractical to obtain authorization and/or delayed response would jeopardize the safety of citizens, officers or suspect(s).	
Fiscal Impacts: \$500 each	
Legal/Procedural Rules Governing Use: The use of the breaching shotgun is governed by Fremont Police Department Lexipol Policy 301.	
Training Required: The training for the use of the breaching shotgun is governed by Fremont Police Department Lexipol Policy 301.2.2 which states: Only officers trained and having shown adequate proficiency in the use of the breaching shotgun and the Use of Force policy are authorized to carry the device. Training for the breaching shotgun shall occur annually. All training and proficiency for the breaching shotgun will be documented in the officer's training record. Officers failing to demonstrate proficiency with the weapon or knowledge of the Use of Force policy will be provided remedial training.	
Other: Breaching shotguns will be stored in the locked trunks or locked storage cabinets of all patrol supervisor and School Resource Officer vehicles. They may be stored in the same case as the less-lethal weapons; however, the breaching shotgun shall be placed under the less-lethal weapons and be separated by a partition which must be specifically removed in order to retrieve the breaching shotgun.	

Equipment Name: Sig Sauer MCX Virtus multi-caliber 223/556/300 black-out Rifle and Ammunition- CA Gov't Code § 7070 (c)(10)	
Quantity Owned/Sought: 11	Lifespan: 10 years
Equipment Capabilities: The Sig Sauer MCX Virtus Rifle is a semi-automatic rifle and has an interchangeable caliber assembly allowing it to fire 223/556/300 blackout caliber projectiles.	
Manufacture Product Description: The SIG MCX is a magazine fed, gas operated rifle available in 5.56x45mm NATO, and 7.62x35mm (.300 AAC Blackout), and 7.62 x 39mm calibers. The SIG MCX fires from a rotating locking closed bolt.	
<p>Purpose/Authorized Uses: Officers may deploy the rifle in any circumstance where the officer can articulate a reasonable expectation that the rifle may be needed. Examples of some general guidelines for deploying the rifle may include, but are not limited to:</p> <ol style="list-style-type: none"> a. Situations where the officer reasonably anticipates an armed encounter. b. When an officer is faced with a situation that may require the delivery of accurate and effective shot placement at long range. c. Situations where an officer reasonably expects the need to meet or exceed a suspect's weaponry. d. When an officer reasonably believes that there may be a need to deliver accurate shot placement on a barricaded suspect or a suspect with a hostage. e. When an officer reasonably believes that a suspect may be wearing body armor. f. When authorized or requested by a supervisor. g. When needed to euthanize an animal. 	
Fiscal Impacts: \$1720 per rifle	
Legal/Procedural Rules Governing Use: All applicable State, Federal and Local laws governing police use of force. Various Fremont Police Department Policies on Use of Force and Firearms.	
Training Required: Officers must successfully complete a CA POST certified 24-hour patrol rifle course as well as regular department firearms training and qualifications as required by law and policy.	
Other: These specific rifles are assigned to Fremont Police Department Detectives	

Equipment Name: Sig Sauer MCX multi-caliber modular rifle, 300 BLK 5.75" duty barrel, a 5.56 caliber 11" barrel, with an optional Sig Sauer 7.62 titanium suppressor and "safe/semi" selector switch- CA Gov't Code § 7070 (c)(10)	
Quantity Owned/Sought: 27	Lifespan: 10 years
Equipment Capabilities: The Sig Sauer MCX Sig Sauer MCX multi-caliber modular rifle, 300 BLK 5.75" duty barrel, a 5.56 caliber 11" barrel, with an optional Sig Sauer 7.62 titanium suppressor and "safe/semi" selector switch rifle and has an interchangeable caliber assembly allowing it to fire 223/556/300 blackout caliber projectiles.	
Manufacture Product Description: The SIG MCX is a magazine fed, gas operated rifle available in 5.56x45mm NATO, and 7.62x35mm (.300 AAC Blackout), and 7.62 x 39mm calibers. The SIG MCX fires from a rotating locking closed bolt.	
Purpose/Authorized Uses: Officers may deploy the rifle in any circumstance where the officer can articulate a reasonable expectation that the rifle may be needed. Examples of some general guidelines for deploying the rifle may include, but are not limited to: <ul style="list-style-type: none"> a. Situations where the officer reasonably anticipates an armed encounter. b. When an officer is faced with a situation that may require the delivery of accurate and effective shot placement at long range. c. Situations where an officer reasonably expects the need to meet or exceed a suspect's weaponry. d. When an officer reasonably believes that there may be a need to deliver accurate shot placement on a barricaded suspect or a suspect with a hostage. e. When an officer reasonably believes that a suspect may be wearing body armor. f. When authorized or requested by a supervisor. g. When needed to euthanize an animal. 	
Fiscal Impacts: \$1720 per rifle	
Legal/Procedural Rules Governing Use: All applicable State, Federal and Local laws governing police use of force. Various Fremont Police Department Policies on Use of Force and Firearms.	
Training Required: Officers must successfully complete a CA POST certified 24-hour patrol rifle course as well as regular department firearms training and qualifications as required by law and policy.	
Other: These specific rifles are assigned to Fremont Police Department- Special Response Team.	

Equipment Name: Rock River Arms, LAR-15- CA Gov't Code § 7070 (c)(10)	
Quantity Owned/Sought: 11	Lifespan: 10 years
Equipment Capabilities: The Rock River Arms, LAR-15 , is a .223 caliber, 10.5" barrel rifle with a "safe/semi" selector switch.	
Manufacture Product Description: The Rock River Rams is a magazine fed, gas operated rifle available in .223 Caliber.	
<p>Purpose/Authorized Uses: Officers may deploy the rifle in any circumstance where the officer can articulate a reasonable expectation that the rifle may be needed. Examples of some general guidelines for deploying the rifle may include, but are not limited to:</p> <ol style="list-style-type: none"> a. Situations where the officer reasonably anticipates an armed encounter. b. When an officer is faced with a situation that may require the delivery of accurate and effective shot placement at long range. c. Situations where an officer reasonably expects the need to meet or exceed a suspect's weaponry. d. When an officer reasonably believes that there may be a need to deliver accurate shot placement on a barricaded suspect or a suspect with a hostage. e. When an officer reasonably believes that a suspect may be wearing body armor. f. When authorized or requested by a supervisor. g. When needed to euthanize an animal. 	
Fiscal Impacts: \$1720 per rifle	
Legal/Procedural Rules Governing Use: All applicable State, Federal and Local laws governing police use of force. Various Fremont Police Department Policies on Use of Force and Firearms.	
Training Required: Officers must successfully complete a CA POST certified 24-hour patrol rifle course as well as regular department firearms training and qualifications as required by law and policy.	
Other: These specific rifles are assigned to Fremont Police Department- Detectives.	

Equipment Name: PepperBall VKS launcher- CA Gov't Code § 7070 (c)(12)	
Quantity Owned/Sought: 24	Lifespan: 10 years
Equipment Capabilities: The VKS Pepper Ball launcher is semi-automatic and has 10-15 pepper balls at a time in one magazine. Utilizing a Variable Kinetic System (VKS) and compressed air, it can launch non-lethal Pepper Ball projectiles up to 66 feet with regular rounds and up to 150 feet away with the VXR long distance projectiles. Upon impact the exploding ball release a 12-foot cloud of pepper spray irritant.	
Manufacture Product Description: The VKS™ Launcher is strongest non-lethal consumer device available from PepperBall. It requires no license to own and shoots powerful pepper irritant projectiles. With the same look, feel and fire control system as an AR-15/M-4 carbine, when used with VXR projectiles (not included) it has an effective accurate distance of up to 150 feet.	
Purpose/Authorized Uses: Pepper projectiles are plastic spheres that are filled with a derivative of OC powder. Because the compressed gas launcher delivers the projectiles with enough force to burst the projectiles on impact and release the OC powder, the potential exists for the projectiles to inflict injury if they strike the head, neck, spine, or groin. Therefore, personnel using a pepper projectile system should not intentionally target those areas, except when the officer reasonably believes the suspect poses an imminent threat of serious bodily injury or death to the officer or others.	
Fiscal Impacts: Approximately \$1,200 per unit	
Legal/Procedural Rules Governing Use: The use of the pepper ball launcher is governed by Fremont Police Department Control Devices and Techniques Policy 305.7.2.	
<p>Training Required: The training for the use of the pepper ball launcher is governed by Fremont Police Department Control Devices and Techniques Policy 305.10 which states: The Training Sergeant shall ensure that all personnel who are authorized to carry a control device have been properly trained and certified to carry the specific control device and are retrained or recertified as necessary.</p> <ol style="list-style-type: none"> a. Proficiency training shall be monitored and documented by a certified, control-device weapons instructor. b. All training and proficiency for control devices will be documented in the officer's training file. c. Officers who fail to demonstrate proficiency with the control device or knowledge of this agency's Use of Force Policy will be provided remedial training. If an officer cannot demonstrate proficiency with a control device or knowledge of this agency's Use of Force Policy after remedial training, the officer will be restricted from carrying the control device. 	
Other: Not Applicable	

Equipment Name: Defense Technologies CS Gas systems- CA Gov't Code § 7070 (c)(12)	
Quantity Owned/Sought: Pocket Tactical CS (part #1016)- 23 Spede Heat CS (part #1072)- 20 40mm Ferret Round CS (part #2262)- 50 Tri-chamber flameless CS (part #1032)- 20 Triple Chaser CS (part #1026)- 44 Han-ball CS (part #1092)- 8 75 yard 40mm Spede heat (part #6282)- 4	Lifespan: 10 years
Equipment Capabilities: The use of OC/CS gas causes mucous membranes and exposed skin to become inflamed resulting in a burning sensation. It provides a temporary respiratory effect and induces discomfort on exposed skin.	
Manufacture Product Description: The Pocket Tactical CS Grenade: 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. The Spede-Heat™ CS Grenade: a high volume, continuous burn it expels its payload in approximately 20-40 seconds. The payload is discharged through four gas ports on top of the canister, three on the side and one on the bottom. This launchable grenade is 6.12 in. by 2.62 in. and holds approximately 2.9 oz. of active agent. The Ferret® 40mm Round: non-burning and suitable for indoor use. Used primarily by tactical teams, it is designed 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. Tri-Chamber Flameless CS Grenade: allows the contents to burn within an internal can and disperse the agent safely with reduced risk of fire. The grenade is designed primarily for indoor tactical situations to detect and/or dislodge a barricaded subject. This grenade will deliver approximately .70 oz. of agent during its 20-25 seconds burn time. The Tri-Chamber Flameless 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 Tri-Chamber Flameless Grenade 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 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.

The Triple-Chaser® CS: consists of three separate canisters pressed together with separating charges between each. When deployed, the canisters separate and land approximately 20 feet apart allowing increased area coverage in a short period of time. This grenade can be hand thrown or launched from a fired delivery system. The grenade 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.

The Han-Ball™ CS Grenade: an outdoor use grenade expelling its payload in approximately 15-20 seconds. The rubber ball round has an over all size of 4.8 in. tall, including the fuze head, and 3.1 in. diameter. This launchable grenade holds approximately 1.6 oz. of active agent which is expelled through three ports around the equator of the ball. Due the intense heat generated by this grenade, it should not be used inside a building or near flammable material.

The Spede-Heat™ 40mm Short Range CS Round: incorporates an aluminum shell and utilizes black powder as the propellant. The Spede-Heat™ 40mm Short Range Round is designed to deliver one dual-ported chemical canister from a 40mm launcher 75 yards to the intended target zone.

The Spede-Heat™ 40mm Short Range CS Round is most widely used as a crowd management tool by Law Enforcement and Corrections for the rapid deployment of chemical agent from a 40mm launcher.

Purpose/Authorized Uses: Utilized during confrontations with violent or potentially violent suspects as a less lethal option to assist with the dispersal of violent crowds and/or arrest of suspects.

Fiscal Impacts: approximately \$7500

Legal/Procedural Rules Governing Use: The use of this equipment is governed by Fremont Police Department Lexipol Policy 407.7.2(b).

Training Required: specialized training as deemed by the SRT Commander

Other: Recognizing that the missions of the SRT are performed in a hazardous environment, and recognizing that the safety of innocent persons, officers, and suspects is often jeopardized by the hazardous conditions, it shall be the intent of SRT to utilize special equipment in an attempt to lessen the risk of injury or death to all involved during the performance of a SRT operation. The SRT Commander will ensure that only those team members properly trained and certified in the use of the special equipment will utilize the equipment.

Equipment Name: Defense Technologies flashbang systems- CA Gov't Code § 7070 (c)(12)	
Quantity Owned/Sought: 100 Meter 40mm Aerial Flashbang- 24 75 Meter 40mm Aerial Flashbang- 6	Lifespan: 10 years
Equipment Capabilities: The use of this device is to create a diversion during critical incidents. The device exploded with a loud bang and emits a bright light made to disorient the suspect(s). These particular variants can be deployed from a 40mm launcher.	
Manufacture Product Description: The 40 mm Warning/Signaling Munition will produce 170 dB of sound and 5 million candelas of light. This munition has an operational range of 100 and 75 meters. Launched from a 40 mm platform, this munition gives the operator the ability to engage people, vehicles or vessels from a safe stand-off position. In open waters, the flash and sound are easily observable at great distances.	
Purpose/Authorized Uses: Used during critical incidents as a diversionary device to disorient and illuminate suspects.	
Fiscal Impacts: approximately \$700	
Legal/Procedural Rules Governing Use: The use of flashbangs is governed by Fremont Police Department Lexipol Policy 407.7.2(b).	
Training Required: specialized training as deemed by the SRT Commander	
Other: Recognizing that the missions of the SRT are performed in a hazardous environment, and recognizing that the safety of innocent persons, officers, and suspects is often jeopardized by the hazardous conditions, it shall be the intent of SRT to utilize special equipment in an attempt to lessen the risk of injury or death to all involved during the performance of a SRT operation. The SRT Commander will ensure that only those team members properly trained and certified in the use of the special equipment will utilize the equipment.	