

1.0 Unmanned Aircraft System (UAS) and Robots

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

Description	DJI Mavic Mini 2
Quantity (approximate)	2
Life Span	Expected Life of all UAS equipment is approximately three to five years.
Manufacturer's Description and Capability	Miniature UAS weighing approximately 249 grams that is able to record video with approximately 31 minutes of flight time.
Purpose	To be deployed when its view would assist officers or incident commanders with the following situations, which include, but are not limited to: <ul style="list-style-type: none"> i) major collision investigations; ii) search for missing persons; iii) natural disaster management; iv) crime scene photography; v) SWAT, tactical or other public safety and life preservation missions; and in response to specific requests from local, state or federal fire authorities for fire response and/or prevention.
Authorized Usage	All use shall be in accordance with local, state and federal law. Additionally of UAS is subject to the guidelines and requirements of EGPD Policy 614. Only assigned operators who have completed the required training shall be permitted to operate the DJI Mavic Mini 2 during approved missions. May also be used for Department-approved community events and demonstrations in order to enhance training and improve community awareness.
Fiscal Impact (Initial and Yearly) (Approximate)	\$600 initial cost per UAS Annual maintenance, battery replacement, and replenishment cost for all UAS is approximately \$15,000.
Required Training	All Department UAS operators are licensed by the Federal Aviation Administration for UAS operation. In addition, each operator must attend an online UAS pilot course and attend bi-monthly department training.
Authority for Authorized Use	Use is established by the Federal Aviation Administration (FAA) and subject to EGPD Policy 614. Pursuant to EGPD Policy 614, Unmanned Aircraft Systems may be utilized to enhance the Department's mission of protecting lives and property. Any use of a UAS will be in strict accordance with constitutional and privacy rights and FAA regulations, and department policy. Safety, above all else, is the primary concern in every operation, regardless of the nature of the mission.

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Description	DJI Matrice 300 with H20T Camera
Quantity (approximate)	1
Life Span	Expected Life of all UAS equipment is approximately three to five years.
Manufacturer's Description and Capability	UAS that has approximately 43 minutes of flight time, in all weather, has an infrared camera, zoom camera, and searchlight. Has video recording capabilities.
Purpose	To be deployed when its view would assist officers or incident commanders with the following situations, which include, but are not limited to: <ul style="list-style-type: none"> i) major collision investigations; ii) search for missing persons; iii) natural disaster management; iv) crime scene photography; v) SWAT, tactical or other public safety and life preservation missions; and in response to specific requests from local, state or federal fire authorities for fire response and/or prevention.
Authorized Usage	All use shall be in accordance with local, state and federal law. Additionally, use of UAS is subject to the guidelines and requirements of EGPD Policy 614. Only assigned operators who have completed the required training shall be permitted to operate the DJI Matrice 300 during approved missions. May also be used for Department-approved community events and demonstrations in order to enhance training and improve community awareness.
Fiscal Impact (Initial and Yearly) (Approximate)	\$25,000 initial cost per UAS Annual maintenance, battery replacement, and replenishment cost for all UAS is approximately \$15,000.
Required Training	All Department UAS operators are licensed by the Federal Aviation Administration for UAS operation. In addition, each operator must attend an online UAS pilot course and attend bi-monthly department training.

Description	DJI Matrice 350 with H30T Camera and Parachute (Drone as a First Responder)
Quantity (approximate)	3
Life Span	Expected Life of all UAS equipment is approximately three to five years.
Manufacturer's Description and Capability	UAS that has approximately 25 minutes of flight time, in all weather, has an infrared camera, night mode camera, zoom camera, and parachute. Has video recording capabilities.
Purpose	To be deployed when its view would assist officers or incident commanders with the following situations, which include, but are not limited to: <ul style="list-style-type: none"> i) major collision investigations;

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	<ul style="list-style-type: none"> ii) search for missing persons; iii) natural disaster management; iv) crime scene photography; v) SWAT, tactical or other public safety and life preservation missions; and <p>in response to specific requests from local, state or federal fire authorities for fire response and/or prevention.</p>
Authorized Usage	All use shall be in accordance with local, state and federal law. Additionally, use of UAS is subject to the guidelines and requirements of EGPD Policy 614. Only assigned operators who have completed the required training shall be permitted to operate the DJI Matrice 350 during approved Drone as a First Responder missions. May also be used for Department-approved community events and demonstrations in order to enhance training and improve community awareness.
Fiscal Impact (Initial and Yearly) (Approximate)	\$50,000 initial cost per UAS Annual maintenance, battery replacement, and replenishment cost for all UAS is approximately \$15,000.
Required Training	All Department UAS operators are licensed by the Federal Aviation Administration for UAS operation. In addition, each operator must attend an online UAS pilot course and attend bi-monthly department training.

Description	DJI Matrice 4TD (Drone as a First Responder)
Quantity (approximate)	1
Life Span	Expected Life of all UAS equipment is approximately three to five years.
Manufacturer's Description and Capability	UAS that has approximately 47 minutes of flight time, in all weather, has an infrared camera, and zoom camera. Has video recording capabilities.
Purpose	To be deployed when its view would assist officers or incident commanders with the following situations, which include, but are not limited to: <ul style="list-style-type: none"> i) major collision investigations; ii) search for missing persons; iii) natural disaster management; iv) crime scene photography; v) SWAT, tactical or other public safety and life preservation missions; and <p>in response to specific requests from local, state or federal fire authorities for fire response and/or prevention.</p>
Authorized Usage	All use shall be in accordance with local, state and federal law. Additionally, use of UAS is subject to the guidelines and requirements of EGPD Policy 614. Only assigned operators who have completed the

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	required training shall be permitted to operate the DJI Matrice 4TD during approved Drone as a First Responder missions. May also be used for Department-approved community events and demonstrations in order to enhance training and improve community awareness.
Fiscal Impact (Initial and Yearly) (Approximate)	\$50,000 initial cost per UAS Annual maintenance, battery replacement, and replenishment cost for all UAS is approximately \$15,000.
Required Training	All Department UAS operators are licensed by the Federal Aviation Administration for UAS operation. In addition, each operator must attend an online UAS pilot course and attend bi-monthly department training.

Description	DJI Matrice 4T
Quantity (approximate)	5
Life Span	Expected Life of all UAS equipment is approximately three to five years.
Manufacturer's Description and Capability	UAS that has approximately 49 minutes of flight time, in all weather, has an infrared camera, zoom camera, speaker, and searchlight. Has video recording capabilities.
Purpose	To be deployed when its view would assist officers or incident commanders with the following situations, which include, but are not limited to: <ul style="list-style-type: none"> i) major collision investigations; ii) search for missing persons; iii) natural disaster management; iv) crime scene photography; v) SWAT, tactical or other public safety and life preservation missions; and in response to specific requests from local, state or federal fire authorities for fire response and/or prevention.
Authorized Usage	All use shall be in accordance with local, state and federal law. Additionally, use of UAS is subject to the guidelines and requirements of EGPD Policy 614. Only assigned operators who have completed the required training shall be permitted to operate the DJI Matrice 4T during approved missions. May also be used for Department-approved community events and demonstrations in order to enhance training and improve community awareness.
Fiscal Impact (Initial and Yearly) (Approximate)	\$25,000 initial cost per UAS Annual maintenance, battery replacement, and replenishment cost for all UAS is approximately \$15,000.
Required Training	All Department UAS operators are licensed by the Federal Aviation Administration for UAS operation. In addition, each operator must attend an online UAS pilot course and attend bi-monthly department training.

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Description	DJI Avata
Quantity (approximate)	7
Life Span	Expected Life of all UAS equipment is approximately three to five years.
Manufacturer's Description and Capability	Miniature UAS weighing approximately 410 grams. Capable of recording video with approximately 18 minutes of flight time.
Purpose	To be deployed when its view would assist officers or incident commanders with the following situations, which include, but are not limited to: <ul style="list-style-type: none"> i) major collision investigations; ii) search for missing persons; iii) natural disaster management; iv) crime scene photography; v) SWAT, tactical or other public safety and life preservation missions; and in response to specific requests from local, state or federal fire authorities for fire response and/or prevention.
Authorized Usage	All use shall be in accordance with local, state and federal law. Additionally, use of UAS is subject to the guidelines and requirements of EGPD Policy 614. Only assigned operators who have completed the required training shall be permitted to operate the DJI Avata during approved missions. May also be used for Department-approved community events and demonstrations in order to enhance training and improve community awareness.
Fiscal Impact (Initial and Yearly) (Approximate)	\$1,300 initial cost per UAS. Annual maintenance, battery replacement, and replenishment cost for all UAS is approximately \$15,000.
Required Training	All Department UAS operators are licensed by the Federal Aviation Administration for UAS operation. In addition, each operator must attend an online UAS pilot course and attend bi-monthly department training.
Authority for Authorized Use	Use is established by the Federal Aviation Administration (FAA) and subject to EGPD Policy 614. Pursuant to EGPD Policy 614, Unmanned Aircraft Systems may be utilized to enhance the Department's mission of protecting lives and property. Any use of a UAS will be in strict accordance with constitutional and privacy rights and FAA regulations, and department policy. Safety, above all else, is the primary concern in every operation, regardless of the nature of the mission.

Description	DJI Matrice 30T
Quantity (approximate)	3
Life Span	Expected Life of all UAS equipment is approximately three to five years.

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Manufacturer's Description and Capability	UAS that has approximately 41 minutes of flight time, in all weather, has an infrared camera, zoom camera, speaker, and searchlight. Has video recording capabilities.
Purpose	To be deployed when its view would assist officers or incident commanders with the following situations, which include, but are not limited to: <ul style="list-style-type: none"> i) major collision investigations; ii) search for missing persons; iii) natural disaster management; iv) crime scene photography; v) SWAT, tactical or other public safety and life preservation missions; and in response to specific requests from local, state or federal fire authorities for fire response and/or prevention.
Authorized Usage	All use shall be in accordance with local, state and federal law. Additionally, use of UAS is subject to the guidelines and requirements of EGPD Policy 614. Only assigned operators who have completed the required training shall be permitted to operate the DJI Matrice 30T during approved missions. May also be used for Department-approved community events and demonstrations in order to enhance training and improve community awareness.
Fiscal Impact (Initial and Yearly) (Approximate)	\$10,500 initial cost per UAS. Annual maintenance, battery replacement, and replenishment cost for all UAS is approximately \$15,000.
Required Training	All Department UAS operators are licensed by the Federal Aviation Administration for UAS operation. In addition, each operator must attend an online UAS pilot course and attend bi-monthly department training.
Authority for Authorized Use	Use is established by the Federal Aviation Administration (FAA) and subject to EGPD Policy 614. Pursuant to EGPD Policy 614, Unmanned Aircraft Systems may be utilized to enhance the Department's mission of protecting lives and property. Any use of a UAS will be in strict accordance with constitutional and privacy rights and FAA regulations, and department policy. Safety, above all else, is the primary concern in every operation, regardless of the nature of the mission.

Description	DJI Mavic 3T
Quantity (approximate)	9
Life Span	Expected Life of all UAS equipment is approximately three to five years.
Manufacturer's Description and Capability	UAS that has approximately 45 minutes of flight time, has an infrared camera and zoom camera with video recording capabilities.

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Purpose	To be deployed when its view would assist officers or incident commanders with the following situations, which include, but are not limited to: <ul style="list-style-type: none"> i) major collision investigations; ii) search for missing persons; iii) natural disaster management; iv) crime scene photography; v) SWAT, tactical or other public safety and life preservation missions; and in response to specific requests from local, state or federal fire authorities for fire response and/or prevention.
Authorized Usage	All use shall be in accordance with local, state and federal law. Additionally, use of UAS is subject to the guidelines and requirements of EGPD Policy 614. Only assigned operators who have completed the required training shall be permitted to operate the DJI Mavic 3T during approved missions. May also be used for Department-approved community events and demonstrations in order to enhance training and improve community awareness.
Fiscal Impact (Initial and Yearly) (Approximate)	\$4,500 initial cost per UAS. Annual maintenance, battery replacement, and replenishment cost for all UAS is approximately \$15,000.
Required Training	All Department UAS operators are licensed by the Federal Aviation Administration for UAS operation. In addition, each operator must attend an online UAS pilot course and attend bi-monthly department training.
Authority for Authorized Use	Use is established by the Federal Aviation Administration (FAA) and subject to EGPD Policy 614. Pursuant to EGPD Policy 614, Unmanned Aircraft Systems may be utilized to enhance the Department's mission of protecting lives and property. Any use of a UAS will be in strict accordance with constitutional and privacy rights and FAA regulations, and department policy. Safety, above all else, is the primary concern in every operation, regardless of the nature of the mission.

Description	DJI Mavic 2 Enterprise Advanced
Quantity (approximate)	2
Life Span	Expected Life of all UAS equipment is approximately three to five years.
Manufacturer's Description and Capability	UAS that has approximately 30 minutes of flight time, has an infrared camera, zoom camera, speaker, and searchlight. Has video recording capabilities.
Purpose	To be deployed when its view would assist officers or incident commanders with the following situations, which include, but are not limited to: <ul style="list-style-type: none"> i) major collision investigations;

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	<ul style="list-style-type: none"> ii) search for missing persons; iii) natural disaster management; iv) crime scene photography; v) SWAT, tactical or other public safety and life preservation missions; and in response to specific requests from local, state or federal fire authorities for fire response and/or prevention.
Authorized Usage	All use shall be in accordance with local, state and federal law. Additionally, use of UAS is subject to the guidelines and requirements of EGPD Policy 614. Only assigned operators who have completed the required training shall be permitted to operate the DJI Mavic 2 Enterprise Advanced during approved missions. May also be used for Department-approved community events and demonstrations in order to enhance training and improve community awareness.
Fiscal Impact (Initial and Yearly) (Approximate)	\$6,900 initial cost per UAS. Annual maintenance, battery replacement, and replenishment cost for all UAS is approximately \$15,000.
Required Training	All Department UAS operators are licensed by the Federal Aviation Administration for UAS operation. In addition, each operator must attend an online UAS pilot course and attend bi-monthly department training.
Authority for Authorized Use	Use is established by the Federal Aviation Administration (FAA) and subject to EGPD Policy 614. Pursuant to EGPD Policy 614, Unmanned Aircraft Systems may be utilized to enhance the Department's mission of protecting lives and property. Any use of a UAS will be in strict accordance with constitutional and privacy rights and FAA regulations, and department policy. Safety, above all else, is the primary concern in every operation, regardless of the nature of the mission.

Description	Sky-Hero Loki MK2
Quantity (approximate)	2
Life Span	Expected Life of all UAS equipment is approximately three to five years.
Manufacturer's Description and Capability	Miniature UAS weighing approximately 249 grams that is able to record video and audio with approximately 15 minutes of flight time.
Purpose	To be deployed when its view would assist officers or incident commanders with the following situations, which include, but are not limited to: <ul style="list-style-type: none"> i) major collision investigations; ii) search for missing persons; iii) natural disaster management; iv) crime scene photography; v) SWAT, tactical or other public safety and life preservation missions; and in response to specific requests from local,

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	state or federal fire authorities for fire response and/or prevention.
Authorized Usage	All use shall be in accordance with local, state and federal law. Additionally, use of UAS is subject to the guidelines and requirements of EGPD Policy 614. Only assigned operators who have completed the required training shall be permitted to operate the Sky-Hero Loki MK2 during approved missions. May also be used for Department-approved community events and demonstrations in order to enhance training and improve community awareness.
Fiscal Impact (Initial and Yearly) (Approximate)	\$7,110 initial cost per UAS. Annual maintenance, battery replacement, and replenishment cost for all UAS is approximately \$15,000.
Required Training	All Department UAS operators are licensed by the Federal Aviation Administration for UAS operation. In addition, each operator must attend an online UAS pilot course and attend bi-monthly department training.
Authority for Authorized Use	Use is established by the Federal Aviation Administration (FAA) and subject to EGPD Policy 614. Pursuant to EGPD Policy 614, Unmanned Aircraft Systems may be utilized to enhance the Department's mission of protecting lives and property. Any use of a UAS will be in strict accordance with constitutional and privacy rights and FAA regulations, and department policy. Safety, above all else, is the primary concern in every operation, regardless of the nature of the mission.

1.2 **Robots:** Unmanned machine operating on the ground utilized to enhance the safety to the community and officers.

Description	IROBOT 510 PackBot Portable Multi-Mission Robot
Quantity (approximate)	2
Life Span	Expected lifespan is approximately eight to ten years.
Manufacturer's Description and Capability	The IROBOT 510 PackBot is a multi-mission tactical robot which is designed for use by troops and first responders in high threat scenarios. The IROBOT 510 PackBot can perform surveillance and reconnaissance missions as well as remotely manipulate the environment through the use of its small arm manipulator.
Purpose	To be used to remotely gain visual / audio data, deliver HNT phone, open doors, disrupt packages, and clear buildings.
Authorized Usage	It is the policy of the EGPD to utilize a robot may be utilized to enhance the Department's mission of protecting lives and property. Any use of a robot will be in accordance with local, state, and federal laws and Department Policy. Safety, above all else, is the primary concern in every operation, regardless of the nature of the mission.
Fiscal Impact (Initial and Yearly) (Approximate)	Obtained for free from LESO program

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	Annual maintenance and battery replacement cost is approximately \$175.00 for all Department robots.
Required Training	Only assigned operators who have completed the required Department training and demonstrated proficiency in the operation of robots shall be permitted to operate the robots identified in this subsection.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law. Additionally, use of the robots will be established by the Tactical Commander and/or Incident Commander.

Description	I Robot Model 110 First Look
Quantity (approximate)	1
Life Span	Expected lifespan is approximately eight to ten years.
Manufacturer's Description and Capability	A highly portable, throwable robot with four fixed cameras to provide officers with situational awareness.
Purpose	To be used to remotely gain visual / audio data, deliver HNT phone, open doors, disrupt packages, and clear buildings.
Authorized Usage	It is the policy of the EGPD to utilize a robot may be utilized to enhance the Department's mission of protecting lives and property. Any use of a robot will be in accordance with local, state, and federal laws and Department Policy. Safety, above all else, is the primary concern in every operation, regardless of the nature of the mission.
Fiscal Impact (Initial and Yearly) (Approximate)	\$10,000 initial cost per robot Annual maintenance and battery replacement cost is approximately \$175.00 for all Department robots.
Required Training	Only assigned operators who have completed the required Department training and demonstrated proficiency in the operation of robots shall be permitted to operate the robots identified in this subsection.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law. Additionally, use of the robots will be established by the Tactical Commander and/or Incident Commander.

Description	ROBOTX AVATAR II
Quantity (approximate)	1
Life Span	Expected lifespan is approximately eight to ten years.
Manufacturer's Description and Capability	Length 24 inches, 4-5 hours of operation time and capable of video recording
Purpose	To be used to remotely gain visual / audio data, deliver HNT phone, open doors, disrupt packages, and clear buildings.
Authorized Usage	It is the policy of the EGPD to utilize a robot may be utilized to enhance the Department's mission of protecting lives and property. Any use of a robot will be in accordance with local, state, and federal laws and Department Policy. Safety, above all else, is the primary concern in every operation, regardless of the nature of the mission.

Fiscal Impact (Initial and Yearly) (Approximate)	\$20,000 initial cost Annual maintenance and battery replacement cost is approximately \$175.00 for all Department robots.
Required Training	Only assigned operators who have completed the required Department training and demonstrated proficiency in the operation of robots shall be permitted to operate the robots identified in this subsection.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law. Additionally, use of the robots will be established by the Tactical Commander and/or Incident Commander.

2.0 Armored Vehicles

2.1 Armored Vehicles: Commercially produced wheeled armored personnel vehicle utilized for law enforcement purposes.

Description	LENCO BEARCAT, armored vehicle.
Quantity (approximate)	1
Life Span	Expected lifespan is approximately 25 years.
Manufacturer’s Description and Capability	The Lenco Bearcat is an armored vehicle that seats 10-12 personnel with open floor plan that allows, among other things, for rescue of down personnel. It can stop various projectiles, which provides greater safety to the public and officers beyond the protection level of shield and personal body armor.
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.
Authorized Usage	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. May also be used for Department-approved community events and demonstrations in order to enhance training and improve community awareness.
Fiscal Impact (Initial and Yearly) (Approximate)	\$284,863 initial cost Annual maintenance cost of approximately \$750.
Required Training	All driver/operators shall attend formalized instruction and be trained in vehicle operations and practical driving instruction.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy. Additionally, use It is the policy of the Department to utilize armored vehicles only for official law enforcement purposes, and pursuant to local, state and federal law.

3.0 Mobile Command Center (MCC)

3.1 Mobile Command Center (MCC): A mobile office that provides shelter, access to Police Department computer systems, and restroom facilities on extended events.

Description	2019 M55 Freightliner Chassis (custom built) vehicle
Quantity (approximate)	1
Life Span	Expected lifespan is approximately 20 years on chassis and vehicle structure. Upgrades needed approximately every 7 years to maintain IT systems.
Manufacturer’s Description and Capability	The MCC can also be utilized for SWAT/CNT and other critical incidents, preplanned large events, searching for missing persons, natural disasters, and community events
Purpose	To be used based on the specific circumstances of a given critical incident, large event, natural disaster, or community event.
Authorized Usage	The MCC shall be used by officers trained in their deployment and in a manner consistent with Department policy and training.
Fiscal Impact (Initial and Yearly) (Approximate)	\$547,655 initial cost Annual maintenance cost is approximately \$950.
Required Training	The driver/operator shall receive training in the safe handling of the vehicle on a closed training course. Once the operator has shown competence in vehicle handling, the driver/operator will drive the vehicle throughout the City and surrounding areas with an experienced driver. Driver/operators shall also undergo California Department of Motor Vehicles commercial vehicle testing
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy. Additionally, it is the policy of the Department to use the MCC only for official law enforcement purposes, and in accordance with local and state laws.

4.0 Long Range Acoustic Device (LRAD)
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4.1 Long Range Acoustic Device (LRAD): Long Range Acoustical Device (LRAD) is a high intensity directional acoustical array for long-range, crystal-clear hailing, notification, and an unmistakable warning tone. The LRAD is primarily used as a communication device.

Description	LRAD 100X
Quantity (approximate)	1
Life Span	Expected lifespan is approximately 25 years.
Manufacturer’s Description and Capability	A compact, lightweight LRAD that is designed for applications ranging from fixed security installations to mid-sized vehicles and vessels. The LRAD 100X easily mounts and transports to provide law enforcement personnel unparalleled long-range communication and safe, scalable non-kinetic escalation of force.
Purpose	To be used to issue dispersal orders during crowd and riot control situations or to address the public in the event of civil emergencies,

	natural disasters, evacuations, and police incidents (e.g., missing persons, perimeters for wanted suspects/ K9 deployments, etc.). The LRAD may also be used to issue a warning tone.
Authorized Usage	The LRAD shall only be used by officers trained in its deployment and used in a manner consistent with Department policy and training.
Fiscal Impact (Initial and Yearly) (Approximate)	\$35,000 initial cost Annual maintenance cost of approximately \$0 after initial purchase price.
Required Training	All operators receive training prior to operating any of the LRAD's in the field.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy. Additionally, it is the policy of the EGPD to utilize the LRAD only for official law enforcement purposes, and pursuant to local, state and federal law.

5.0 40 MM Launchers and Rounds

5.1 40 MM Launchers and Rounds: 40MM Launchers are utilized by Department personnel as a less lethal tool to launch impact rounds.

Description	DEFENSE TECH, 40MM SINGLE SHOT LAUNCHER
Quantity (approximate)	2
Life Span	25 years
Manufacturer's Description and Capability	The 40MM Single Launcher is a tactical single shot launcher that features an expandable ROGERS Super Stoc and an adjustable Integrated Front Grip with light rail. It will fire standard 40mm less lethal ammunition, up to 4.8 inches in cartridge length. It will launch a 40MM less lethal round up to 131 feet and is only authorized to be used by SWAT personnel.
Purpose	To limit the escalation of conflict where employment of less lethal force is an option, and is necessary.
Authorized Usage	Situations for use of the less lethal weapon systems may include, but are not limited to: <ul style="list-style-type: none"> 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; and/or v) Training exercises or approved demonstrations.
Fiscal Impact (Initial and Yearly) (Approximate)	\$1000 initial cost per launcher Annual maintenance is approximately \$50 for each launcher.
Required Training	Authorized personnel utilizing 40MM less lethal chemical agents or impact rounds are trained in their use by POST certified less lethal and chemical agent instructors.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

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Description	PENN ARMS, 40MM TACTICAL MULTI LAUNCHER
Quantity (approximate)	2
Life Span	15 years
Manufacturer's Description and Capability	The 40mm Tactical Multi Launcher is low-profile and lightweight, providing multi-shot capability in an easy to carry launcher. It features a fixed stock, and a forward pistol grip attached to the direct-drive system to advance the magazine cylinder. It will launch a 40MM less lethal round up to 131 feet and is only authorized to be used by SWAT personnel.
Purpose	To limit the escalation of conflict where employment of less lethal force is an option, and is necessary.
Authorized Usage	Situations for use of the less lethal weapon systems may include, but are not limited to: <ul style="list-style-type: none"> 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; and/or v) Training exercises or approved demonstrations.
Fiscal Impact (Initial and Yearly) (Approximate)	\$1975 initial cost per launcher Annual maintenance is approximately \$50 for each launcher.
Required Training	Authorized personnel utilizing 40MM less lethal chemical agents or impact rounds are trained in their use by POST certified less lethal and chemical agent instructors.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

Description	CTS 40MM Sponge, #4557
Quantity (approximate)	Approximately 65
Life Span	5 years
Manufacturer's Description and Capability	A less lethal 40mm lightweight plastic and foam projectile fired from a single or multi-round purpose built 40mm grenade launcher with a rifled barrel at 325 feet per second (FPS). The 30-gram foam projectile delivers 120 ft/lbs. of energy on impact. The 40mm Exact Impact Sponge Round provides accurate and effective performance when fired from the approved distance of not less than five (5) feet and as far as 131 feet from the target.
Purpose	To limit the escalation of conflict where employment of less lethal force is an option, and is necessary.
Authorized Usage	Situations for use of the less lethal weapon systems may include, but are not limited to: <ul style="list-style-type: none"> i) Self-destructive, dangerous and/or combative individuals; ii) Riot/crowd control and civil unrest incidents;

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	<ul style="list-style-type: none"> iii) Circumstances where a tactical advantage can be obtained; iv) Potentially vicious animals; and/or v) Training exercises or approved demonstrations.
Fiscal Impact (Initial and Yearly) (Approximate)	\$20 initial cost per round Annual maintenance is approximately \$50 for each launcher.
Required Training	Authorized personnel utilizing 40MM less lethal chemical agents or impact rounds are trained in their use by POST certified less lethal and chemical agent instructors.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

Description	CTS LIQUID FERRETT 40MM LIQUID BARRICADE PENETRATOR ROUND, #4330
Quantity (approximate)	96
Life Span	5 years
Manufacturer's Description and Capability	A less lethal 40MM round used to penetrate barriers, such as windows, hollow core doors, wallboard and thin plywood. Upon impacting the barrier, the nose cone ruptures and instantaneously delivers a small chemical payload inside of a structure or vehicle. In a tactical deployment situation, the 40mm Ferret is primarily used to dislodge barricaded subjects from confined areas. Its purpose is to minimize the risks to all parties through pain compliance, temporary discomfort and/or incapacitation of potentially violent or dangerous subjects.
Purpose	To limit the escalation of conflict where employment of less lethal force is an option, and is necessary.
Authorized Usage	<p>Situations for use of the less lethal weapon systems may include, but are not limited to:</p> <ul style="list-style-type: none"> 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; and/or v) Training exercises or approved demonstrations.
Fiscal Impact (Initial and Yearly) (Approximate)	\$25 initial cost per round Annual maintenance is approximately \$50 for each launcher.
Required Training	Authorized personnel utilizing 40MM less lethal chemical agents or impact rounds are trained in their use by POST certified less lethal and chemical agent instructors.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

6.0 Less Lethal Shotgun

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

Description	REMINGTON 870 LESS LETHAL SHOTGUN
Quantity (approximate)	36
Life Span	Approximately 25 years
Manufacturer's Description and Capability	The Remington 870 Less Lethal Shotgun is used to deploy the less lethal 12-gauge Super-Sock Beanbag Round up to a distance of 75 feet. The range of the weapon system helps to maintain space between officers and a suspect reducing the immediacy of the threat which is a primary principle of de-escalation.
Purpose	To limit the escalation of conflict where employment of less lethal force is an option, and is necessary.
Authorized Usage	Situations for use of the less lethal weapon systems may include, but are not limited to: <ul style="list-style-type: none"> 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; and v) Training exercises or approved demonstrations
Fiscal Impact (Initial and Yearly) (Approximate)	\$500 initial cost per shotgun Annual maintenance is approximately \$10 for each shotgun.
Required Training	All officers are trained in the 12 gauge less lethal shotgun as a less lethal option by in-service training. SWAT personnel receive additional training internally when they transfer to the unit. SWAT operators who utilize these munitions have successfully completed a POST approved gas school and/or trained inhouse by POST certified chemical agent instructors for muzzle blast training.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

Description	12-GAUGE SUPER-SOCK BEANBAG ROUND
Quantity (approximate)	650
Life Span	No listed expiration date.
Manufacturer's Description and Capability	A less lethal 2.4-inch 12-gauge shotgun round firing a ballistic fiber bag filled with 40 grams of lead shot at a velocity of 270-290 FPS. CTS Super-Sock rounds are discharged from a dedicated 12-gauge shotgun that is distinguishable by an orange butt stock and fore grip. This round provides accurate and effective performance when fired from the approved distance of not fewer than five feet. The maximum effective range of this munition is up to 75 feet from the target. The Model 2581 Super-Sock is in its deployed state immediately upon exiting the barrel. It does not require a minimum range to "unfold" or "stabilize." The Super-Sock is an aerodynamic projectile. However, accuracy is relative to the shotgun, barrel length, environmental conditions, and the

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	operator. The Super-Sock is very accurate. However, effectiveness depends on many variables, such as distance, clothing, stature, and the point where the projectile impacts.
Purpose	To limit the escalation of conflict where employment of less lethal force is an option, and is necessary.
Authorized Usage	Situations for use of the less lethal weapon systems may include, but are not limited to: <ul style="list-style-type: none"> 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; and v) Training exercises or approved demonstrations.
Fiscal Impact (Initial and Yearly) (Approximate)	\$5 initial cost per round Annual maintenance is approximately \$10 for each shotgun.
Required Training	All officers are trained in the 12 gauge less lethal shotgun as a less lethal option by in-service training. SWAT personnel receive additional training internally when they transfer to the unit. SWAT operators who utilize these munitions have successfully completed a POST approved gas school and/or trained inhouse by POST certified chemical agent instructors for muzzle blast training.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

Description	CTS 12-GAUGE CS LIQUID BARRICADE ROUND #2330
Quantity (approximate)	36
Life Span	Approximately 5 years
Manufacturer's Description and Capability	The Ferret 12-Gauge Liquid CS non pyrotechnical properties also eliminate the fire hazard common with other products. The Ferret round is available with either liquid or powder carriers for the agent. These munitions are a 2.5 inch, 12-Gauge round, deploying .025 oz. of active agent.
Purpose	To limit the escalation of conflict where employment of less lethal force is an option, and is necessary.
Authorized Usage	Situations for use of the less lethal weapon systems may include, but are not limited to: <ul style="list-style-type: none"> 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; and v) Training exercises or approved demonstrations.
Fiscal Impact (Initial and Yearly) (Approximate)	\$9 initial cost per round Annual maintenance is approximately \$10 for each shotgun.
Required Training	All officers are trained in the 12 gauge less lethal shotgun as a less lethal option by in-service training. SWAT personnel receive additional

	training internally when they transfer to the unit. SWAT operators who utilize these munitions have successfully completed a POST approved gas school and/or trained inhouse by POST certified chemical agent instructors for muzzle blast training.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

7.0 Distraction Devices

7.1 Distraction Devices: A distract device is ideal for distracting dangerous suspects during assaults, hostage rescue, room entry or other high-risk arrest situations.

Description	COMBINED TACTIACL SYSTEMS, 7290 FLASH-BANG
Quantity (approximate)	46
Life Span	Until used.
Manufacturer’s Description and Capability	A non-bursting, non-fragmenting flash-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.
Purpose	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.
Authorized Usage	<p>Diversionsary Devices may be used under the following non-exclusive situations:</p> <ul style="list-style-type: none"> i) By officers who have been trained in their proper use; ii) In hostage and barricaded subject situations; iii) In high-risk warrant (search/arrest) services where there may be extreme hazards to officers; iv) During other high-risk situations where their use would enhance officer safety; and v) During training exercises.
Fiscal Impact (Initial and Yearly) (Approximate)	\$44 initial cost per device No annual maintenance resulting in a fiscal impact.
Required Training	Prior to use, officers must attend diversionary device training that is conducted by POST certified instructors.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

Description	COMBINED TACTICAL SYSTEMS, 7290-2 FLASH-BANG
Quantity (approximate)	45
Life Span	Until used.
Manufacturer’s Description and Capability	A non-bursting, non-fragmenting multi-bang device that produces a thunderous bang with an intense bright light. Ideal for distracting

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	dangerous suspects during assaults, hostage rescue, room entry or other high-risk arrest situations.
Purpose	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.
Authorized Usage	<p>Diversionary Devices may be used under the following non-exclusive situations:</p> <ul style="list-style-type: none"> i) By officers who have been trained in their proper use; ii) In hostage and barricaded subject situations; iii) In high-risk warrant (search/arrest) services where there may be extreme hazards to officers; iv) During other high-risk situations where their use would enhance officer safety; and v) During training exercises.
Fiscal Impact (Initial and Yearly) (Approximate)	<p>\$60 initial cost per device No annual maintenance resulting in a fiscal impact.</p>
Required Training	Prior to use, officers must attend diversionary device training that is conducted by POST certified instructors.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

Description	COMBINED TACTICAL SYSTEMS, 7290-9 FLASH-BANG
Quantity (approximate)	18
Life Span	Until used.
Manufacturer's Description and Capability	A non-bursting, non-fragmenting multi-bang device that produces 9 flash bang actions. The device provides arrhythmic outputs approximately .5 seconds apart. Ideal for distracting dangerous suspects during assaults, hostage rescue, room entry or other high-risk arrest situations.
Purpose	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.
Authorized Usage	<p>Diversionary Devices may be used under the following non-exclusive situations:</p> <ul style="list-style-type: none"> i) By officers who have been trained in their proper use; ii) In hostage and barricaded subject situations; iii) In high-risk warrant (search/arrest) services where there may be extreme hazards to officers; iv) During other high-risk situations where their use would enhance officer safety; and v) During training exercises.
Fiscal Impact (Initial and Yearly) (Approximate)	<p>\$90 initial cost per device No annual maintenance resulting in a fiscal impact.</p>

Required Training	Prior to use, officers must attend divisionary device training that is conducted by POST certified instructors.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

8.0 Rifles

8.1 Rifles: Guns that are fired from shoulder level, having a long spirally grooved barrel intended to make bullets spin and thereby have greater accuracy over a long distance.

Description	Colt Commando 10.5" RIFLE
Quantity (approximate)	23
Life Span	Approximately 5-7 years
Manufacturer's Description and Capability	A rifle that fires an intermediate-power cartridge (.223) which is more powerful than a standard pistol but less powerful than a standard rifle. It is a short-barreled rifle which allows a trained officer better control inside of structures with greater accuracy than a handgun. The Colt Commandos are outfitted with a Bravo Company free float handguard. It is equipped with a Trijicon MRO Optic, Steiner DBAL Dual Beam Aiming Laser and IR Illuminator, Surefire Scout Light. The Colt Commando is only issued to EGPD SWAT Operators.
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.
Authorized Usage	Only peace officers that are POST certified are authorized to use a rifle.
Fiscal Impact (Initial and Yearly) (Approximate)	\$2000 Initial cost per rifle Annual maintenance is approximately \$50 for each rifle.
Required 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 two times a year.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

Description	COLT M4 TROOPER, CALIBER 5.56MM, with Trijicon MRO Optic and Surefire Scout light
Quantity (approximate)	50
Life Span	No expiration
Manufacturer's Description and Capability	The Colt Trooper® Patrol Carbine is a modernized, pro-quality Modern Sporting Rifle based on Colt's legendary M4 platform. It features a new Centurion Arms M-LOK® capable free-floated forend developed just for the Trooper®, and offers a great starting point for your next advanced carbine. It's offered in 5.56 x 45 NATO, and features a 16.1" barrel and a 13" M-LOK® capable Centurion Arms forend with a Picatinny rail at 12 o'clock, and M-LOK® mounting slots at 3, 6, and 9 o'clock. It features a

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	standard M4 buttstock and an A2 pistol grip, and comes with a 30-round Magpul® P-MAG® Magazine
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.
Authorized Usage	The M4 is the standard issue patrol rifle for the Elk Grove Police Department. Only peace officers that are POST certified are authorized to use a rifle.
Fiscal Impact (Initial and Yearly) (Approximate)	\$1750 Initial cost per rifle Annual maintenance is approximately \$50 for each rifle.
Required 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 two times a year.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

Description	FN FN15, MULTI CALIBER (5.56mm & .223)
Quantity (approximate)	12
Life Span	No expiration
Manufacturer's Description and Capability	The FN15 has a 10.5" barrell with Trijicon MRO Rifle Optic and Law Tactical folding stock. The FN15 is issued to the EGPD motor unit so the rifle can be secured on a Police Motorcycle.
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.
Authorized Usage	Only peace officers that are POST certified are authorized to use a rifle.
Costs (approximate)	\$1600 Initial cost per rifle Annual maintenance is approximately \$50 for each rifle.
Required 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 two times a year.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

Description	HORNADY 5.56MM FM193, 55gr.
Quantity (approximate)	196,000
Life Span	No expiration
Manufacturer's Description and Capability	The FM193 is a full metal jacket round that is used for training with the 5.56mm rifles in service with the EGPD. The FMJ provides a significant savings in cost over the issued duty rounds.
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.
Authorized Usage	Only peace officers that are POST certified are authorized to use a rifle.

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Fiscal Impact (Initial and Yearly) (Approximate)	\$170 (per 500) Annual maintenance is approximately \$50 for each rifle.
Required 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 two times a year.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

Description	HORNADY 5.56MM TAP SBR, 75gr.
Quantity (approximate)	48,400
Life Span	No expiration
Manufacturer's Description and Capability	The TAP SBR is designed specifically for short-barreled rifles such as the FN15 and Colt Commando and is the issued duty round for these rifles.
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.
Authorized Usage	Only peace officers that are POST certified are authorized to use a rifle.
Costs (approximate)	\$145 (per 200) Annual maintenance is approximately \$50 for each rifle.
Required 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 two times a year.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

Description	HORNADY 5.56 TAP BAR, 62gr.
Quantity (approximate)	96,500
Life Span	No expiration
Manufacturer's Description and Capability	The TAP BAR was designed to maintain structural integrity while punching through barriers yet initiates expansion in soft tissue. The Hornady TAP BAR is the issued duty round for the Colt M4 carbine.
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.
Authorized Usage	Only peace officers that are POST certified are authorized to use a rifle.
Fiscal Impact (Initial and Yearly) (Approximate)	\$290 (per 500) Annual maintenance is approximately \$50 for each rifle.
Required 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 two times a year.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

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Description	HORNADY TAP .308 165GR RIFLE ROUND
Quantity (approximate)	2,200
Life Span	No expiration
Manufacturer's Description and Capability	The Federal Gold Medal .308 Winchester ammunition is new production ammo that features a 168 Grain Sierra MatchKing Hollow Point Boat Tail bullet, a non- corrosive boxer primer and the .308 Winchester ammunition is brand new never fired virgin brass casing that can be reloaded up to seven times for those shooters that reload their .308 Winchester ammunition. Sierra MatchKing Boat-tail bullet with Federal's proprietary delivery system. Federal's Gold Medal .308 Winchester ammo offers a muzzle speed of 2650 feet per second and a muzzle energy of 2619 foot pounds.
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.
Authorized Usage	Only peace officers that are POST certified are authorized to use a rifle.
Fiscal Impact (Initial and Yearly) (Approximate)	\$398 per case of 500 Annual maintenance is approximately \$50 for each rifle.
Required 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 two times a year.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

Description	HORNADY .308 155GR ELD MTAP RIFLE ROUND
Quantity (approximate)	5,000
Life Span	No expiration
Manufacturer's Description and Capability	Bullet with Heat Shield tip delivering excellent terminal performance, featuring a resilient, heat resistant polymer tip that improves ballistic coefficient, resulting in higher impact velocities, less drop, less wind drift, and more energy on target.
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.
Authorized Usage	Only peace officers that are POST certified are authorized to use a rifle.
Fiscal Impact (Initial and Yearly) (Approximate)	\$210 per case of 200. Annual maintenance is approximately \$50 per rifle.
Required 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 two times a year.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

Description	COLT CARBINE, CALIBER 5.56mm
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Quantity (approximate)	56
Life Span	No expiration
Manufacturer's Description and Capability	The Colt Carbine has an 11.5" barrel with a Rifle Mounted Optic. The Colt Carbine is a modernized, pro-quality Modern Sporting Rifle based on Colt's legendary M4 platform. It features a new Centurion Arms M-LOK® capable free-floated fore-end developed just for the Trooper®, and offers a great starting point for your next advanced carbine. It's offered in 5.56 x 45 NATO, and features a 16.1" barrel and a 13" M-LOK® capable Centurion Arms fore-end with a Picatinny rail at 12 o'clock, and M-LOK® mounting slots at 3, 6, and 9 o'clock. It features a standard M4 buttstock and an A2 pistol grip, and comes with a 30-round Magpul® P-MAG® Magazine"
Purpose	To be used as a precision weapon to address a threat with more precision and/or greater distances than a handgun, if present and feasible.
Authorized Usage	Only peace officers that are POST certified are authorized to use a rifle.
Fiscal Impact (Initial and Yearly) (Approximate)	\$1600 initial cost per rifle. Annual maintenance is approximately \$50 for each rifle.
Required 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 two times a year.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

Description	DPMS M4, CALIBER 5.56
Quantity (approximate)	1
Life Span	No expiration
Manufacturer's Description and Capability	A rifle that fires an intermediate-power cartridge (5.56) which is more powerful than a standard pistol but less powerful than a standard rifle. It is a short-barreled rifle which allows a trained officer better control inside of structures with greater accuracy than a handgun. The M4 is equipped with a Aimpoint Duty RDS Optic and has a Colt 11.5 upper receiver with a weapon mounted light and rifle sling. The weapon has a telescoping stock.
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.
Authorized Usage	Only peace officers that are POST certified are authorized to use a rifle.
Fiscal Impact (Initial and Yearly) (Approximate)	\$2000 Initial cost per rifle Annual maintenance is approximately \$50 for each rifle.
Required 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 four times a year.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

Description	B&T APC9 Pro - SBR
Quantity (approximate)	1
Life Span	No expiration
Manufacturer's Description and Capability	The APC (Advanced Police Carbine) is a family of weapons in a variety of calibers and configurations for any type of mission that a Police agency or military unit may be called upon to perform. The APC9 PRO is the enhanced version of the proven APC9 Classic. At this B&T took the input from authorities and SWAT teams into account. The most noticeable feature of this advancement is the ambidextrous, non-reciprocating charging handle. The weapon is chambered in 9mm and utilizes Glock pattern magazines. This weapon has a telescoping stock.
Purpose	To be used as a precision pistol caliber carbine (PCC/SBR) and address a threat with more precision and at greater distances than a handgun, if present and feasible.
Authorized Usage	Only peace officers that are POST certified to carry a rifle/SBR and who have received Department training on the use of a SMG/SBR.
Fiscal Impact (Initial and Yearly) (Approximate)	\$3,000 initial cost. Annual maintenance is approximately \$50.
Required Training	Prior to using a SBR, officers must be certified by POST instructors in the operation of the rifle. Additionally, all members that operate any SBR are required to pass a range qualification two times a year.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

9.0 Chemical Agent and Smoke Canisters

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

Description	AERKO INTERNATIONAL CLEAR OUT OC/CS AEROSAL GRENADE
Quantity (approximate)	2
Life Span	5 years from manufacturing date.
Manufacturer's Description and Capability	Clearout Aerosol Grenades by Aerko International were specifically designed to be used against barricaded subjects in indoor situations where traditional tear gas grenades cannot be used because of their high potential for fires and contamination. An aerosol grenade requires no fuse or explosive charge to disseminate the irritant. CLEAROUT grenades weigh approximately nine ounces with a concentration of one percent orthochlorobenzalmalonitrile (CS) and one percent of two million SHU Oleoresin Capsicum (OC). This is generally referred to as enhanced CS since the addition of OC, a red pepper derivative, causes sneezing and coughing, forcing greater inhalation of the incapacitating CS. At the one percent level, one CLEAROUT grenade delivers enough

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	CS to reach incapacitating level established by military tests to an area of 23,000 cubic feet (1,700 cubic meters) with an equal amount of OC.
Purpose	To limit the escalation of conflict where employment of less lethal force is an option, and is necessary . Situations for use of the less lethal weapon systems may include, but are not limited to: <ul style="list-style-type: none"> 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; and v) Training exercises or approved demonstrations.
Authorized Usage	Only peace officers who have received POST certification in the use chemical agents are authorized to use chemical agents.
Fiscal Impact (Initial and Yearly) (Approximate)	\$25 initial cost per grenade No annual maintenance resulting in a fiscal impact.
Required Training	Sworn members utilizing chemical agent canisters are certified by POST less lethal and chemical agent instructors.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

Description	CTS RIOT CONTROL CONTINUOUS CS SMOKE GRENADE, CS, #5230
Quantity (approximate)	22
Life Span	5 years from manufacturing date.
Manufacturer's Description and Capability	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 30-40 seconds through five gas ports located on the top of the canister. This grenade can be used to conceal tactical movement or to route a crowd. The volume of smoke and agent is vast and obtrusive. This launchable grenade is 6.0 in. by 2.35 in.
Purpose	To limit the escalation of conflict where employment of less lethal force is an option, and is necessary . Situations for use of the less lethal weapon systems may include, but are not limited to: <ul style="list-style-type: none"> 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; and v) Training exercises or approved demonstrations.
Authorized Usage	Only peace officers who have received POST certification in the use chemical agents are authorized to use chemical agents.
Fiscal Impact (Initial and Yearly) (Approximate)	\$30 initial cost per grenade No annual maintenance resulting in a fiscal impact.
Required Training	Sworn members utilizing chemical agent canisters are certified by POST less lethal and chemical agent instructors.

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Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.
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Description	CTS, FLAMELESS EXPULSION CS GRENADE, #5430
Quantity (approximate)	9
Life Span	5 years from manufacturing date.
Manufacturer's Description and Capability	The design of the 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 originally for barricade situations. 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.
Purpose	To limit the escalation of conflict where employment of less lethal force is an option, and is necessary . Situations for use of the less lethal weapon systems may include, but are not limited to: <ul style="list-style-type: none"> 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; and v) Training exercises or approved demonstrations.
Authorized Usage	Only peace officers who have received POST certification in the use chemical agents are authorized to use chemical agents.
Fiscal Impact (Initial and Yearly) (Approximate)	\$45 initial cost per grenade No annual maintenance resulting in a fiscal impact.
Required Training	Sworn members utilizing chemical agent canisters are certified by POST less lethal and chemical agent instructors.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

Description	CTS Model #6340 OC VAPOR GRENADE, FLAMELESS EXPULSION OC GRENADE
Quantity (approximate)	10
Life Span	5 years from manufacturing date.

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Manufacturer's Description and Capability	OC Vapor Aerosol Grenade is for law enforcement and corrections use to deliver a high concentration of Oleoresin Capsicum (OC) in a powerful mist. The grenade is designed for indoor use in confined areas and, once deployed, inflames the mucous membranes and exposed skin resulting in an intense burning sensation. The incapacitating effect of the OC Vapor on the subject is dramatic with minimal decontamination needed. Removing the subject from the affected area to fresh air will resolve respiratory effects within minutes. The OC Vapor Aerosol Grenade is ideal for cell extractions or barricade situations where the use of pyrotechnic, powder or liquid devices is not practical or desired.
Purpose	To limit the escalation of conflict where employment of less lethal force is an option, and is necessary . 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; and v) Training exercises or approved demonstrations.
Authorized Usage	Only peace officers who have received POST certification in the use chemical agents are authorized to use chemical agents.
Fiscal Impact (Initial and Yearly) (Approximate)	\$49 initial cost per grenade No annual maintenance resulting in a fiscal impact.
Required Training	Sworn members utilizing chemical agent canisters are certified by POST less lethal and chemical agent instructors.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

Description	CTS WHITE SMOKE CANISTER GRENADE, Model #6210
Quantity (approximate)	4
Capability	The CTS White Smoke Grenade is a slow burning, high volume, continuous discharge grenade designed for outdoor use in crowd management situations. Emits grey-white smoke only for approximately 1.5 to 2 minutes. This grenade can be used to conceal tactical movements.
Life Span	5 years from manufacturing date
Manufacturer's Description and Capability	The CTS White Smoke Grenade is a slow burning, high volume, continuous discharge grenade designed for outdoor use in crowd management situations. Emits grey-white smoke only for approximately 1.5 to 2 minutes. This grenade can be used to conceal tactical movements.
Purpose	To limit the escalation of conflict where employment of less lethal force is an option, and is necessary . 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;

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	<ul style="list-style-type: none"> iii) Circumstances where a tactical advantage can be obtained; iv) Potentially vicious animals; and v) Training exercises or approved demonstrations.
Authorized Usage	Only peace officers who have received POST certification in the use chemical agents are authorized to use chemical agents.
Fiscal Impact (Initial and Yearly) (Approximate)	\$35 initial cost per grenade No annual maintenance resulting in a fiscal impact.
Required Training	Sworn members utilizing chemical agent canisters are certified by POST less lethal and chemical agent instructors.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

Description	OC/CS VAPOR GRENADE #6343
Quantity (approximate)	13
Manufacturer's Description and Capability	OC/CS Vapor Aerosol Grenade is for law enforcement use to deliver a high concentration of Oleoresin Capsicum (OC) and orthochlorobenzalmalononitrile (CS) in a powerful mist. The grenade is designed for indoor use in confined areas and once deployed, inflames the mucous membranes and exposed skin resulting in an intense burning sensation. The incapacitating effect of the OC/CS Vapor on the subject is dramatic with minimal decontamination needed. Removing the subject from the affected area to fresh air will resolve respiratory effects within minutes. The OC Vapor Aerosol Grenade is ideal for cell extractions or barricade situations where the use of pyrotechnic, powder or liquid devices is not practical or desired.
Life Span	5 years from manufacturing date
Purpose	To limit the escalation of conflict where employment of less lethal force is an option, and is necessary . Situations for use of the less lethal weapon systems may include, but are not limited to: <ul style="list-style-type: none"> 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; and v) Training exercises or approved demonstrations.
Authorized Usage	Only peace officers who have received POST certification in the use chemical agents are authorized to use chemical agents.
Fiscal Impact (Initial and Yearly) (Approximate)	\$45.25 initial cost per grenade No annual maintenance resulting in a fiscal impact.
Required Training	Sworn members utilizing chemical agent canisters are certified by POST less lethal and chemical agent instructors.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

10.0 Explosive Breaching Tool

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

Description	ROYAL REMINGTON 870 BREACHING SHOTGUN
Quantity (approximate)	2
Life Span	25 years
Manufacturer's Description and Capability	Royal Arms Breaching Shotgun starts out with the Remington 870 Express Synthetic 12 Ga Shotgun as its base. We then completely modify it with our custom CNC machined parts to be the ultimate Breaching Shotgun. Royal Arms invented the Breachers and Breaching shotguns. The Remington Express Synthetic model is a great option for those who don't need the upgraded performance of the Police model.
Purpose	To safely gain entry into a structure.
Authorized Usage	Use Explosive breaching may only occur after authorization by the Incident Commander or SWAT Commander in the field, and during training exercises.
Fiscal Impact (Initial and Yearly) (Approximate)	\$946 Initial cost per breaching shotgun Annual maintenance costs approximately \$10 on average
Required Training	All officers who use shotgun breaching round will qualify annually with their use and receive regular in service training from a POST certified instructor.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

Description	ROYAL ARMS TESAR-2 BACK CAP 425 GRAIN COPPER FRANGIBLE BREACHING ROUND
Quantity (approximate)	600
Life Span	5 years
Manufacturer's Description and Capability	The round is fired from a breaching shotgun and is used to destroy deadbolts, locks and hinges.
Purpose	To safely gain entry into a structure.
Authorized Usage	Use Explosive breaching may only occur after authorization by the Incident Commander or SWAT Commander in the field, and during training exercises.
Costs	\$5 Initial cost per round No annual maintenance costs.
Required Training	All officers who use shotgun breaching round will qualify annually with their use and receive regular in service training from a POST certified instructor.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

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Description	ROYAL ARMS MB-70S 12 GAUGE MUZZLE BLAST FLASH BANG SOFT BREACHING ROUND
Quantity (approximate)	33
Life Span	5 years
Manufacturer's Description and Capability	The round is fired from a breaching shotgun and is used as a diversionary round and can be used to break glass.
Purpose	To safely gain entry into a structure.
Authorized Usage	Use Explosive breaching may only occur after authorization by the Incident Commander or SWAT Commander in the field, and during training exercises.
Fiscal Impact (Initial and Yearly) (Approximate)	\$6 Initial cost per round No annual maintenance costs
Required Training	All officers who use shotgun breaching round will qualify annually with their use and receive regular in service training from a POST certified instructor.
Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.

Description	KINETIC BREACHING TECHNOLOGY KINETIC BREACHING TOOL
Quantity (approximate)	1
Life Span	15 – 20 years
Manufacturer's Description and Capability	The Kinetic Breaching Tool from Kinetic Breaching Technology is a revolutionary new mechanical breaching tool that bridges the gap between traditional mechanical breaching, shotgun breaching, and explosive entry. The KBT utilizes a proprietary .45 Caliber handgun blank to deliver up to 850 ft/lb of force through a hardened steel ram. Unlike explosive or shotgun breaching, however, all of the force is mechanically driven through a ram. This means that no projectile or explosive energy leaves the device except for the force of the ram which is permanently captured in the device. The ramming surface is narrow enough to focus on a single hinge, yet powerful enough to breach steel security doors. The KBT has an 8-shot cylindrical magazine that allows for multiple shots and also provides for rapid reload in a scenario when more than 8 shots are required (<i>i.e.</i> , breaching numerous consecutive doors).
Purpose	To safely gain entry into a structure.
Authorized Usage	Use Explosive breaching may only occur after authorization by the Incident Commander or SWAT Commander in the field, and during training exercises.
Fiscal Impact (Initial and Yearly) (Approximate)	\$9,650 Initial cost per tool Annual maintenance costs approximately \$50
Required Training	All officers who use shotgun breaching round will qualify annually with their use and receive regular in service training from a POST certified instructor.

Authority for Authorized Use	All use shall be in accordance with local, state and federal law, and Department policy.
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11.0 General Policy Provisions

1. **Quantities.** The quantities listed are an approximation of those quantities the Department will maintain in inventory. All quantities are subject to change, replenishment and an increased supply based, at least in part, on general usage, the needs of the Department, purchases approved by the Department in accordance with local, state, and federal law, and the destruction of equipment that has become obsolete.
2. **Life span.** The life span listed is an estimate based, at least in part, on the manufacturer's recommendation and the Department's determination of appropriate life, and subject modification due to damage, ordinary wear and tear, or a determination by the Department that another life span is appropriate.
3. **Additional purchases.** All additional purchases or acquisitions of military equipment shall be conducted in accordance with local, state, and federal law, and Department policy, except that nothing herein shall prohibit the Department from purchasing or acquiring military equipment in an emergency to protect the health, welfare and safety of the community, to meet funding deadlines, and other exigent circumstances as determined by the Department, in which case the Department shall take all steps necessary to obtain the required approvals from the legislative body as soon as practical.
4. **Authorized use.** Notwithstanding any provision contained in this policy, the Department may use the described military equipment for training, community demonstrations, and other Department-authorized uses provided such use is done in accordance with local, state and federal law.