

Type	Description	Quantity	Capabilities	Expected lifespan	Manufacturer's description	Purpose and authorized uses	Fiscal impact	Legal and procedural rules	Required training	Compliance mechanisms
Category 1										
Tactical Robot	ROBOTEX remote controlled tactical robot, track driven, attachable arm and trailers	1	Remote intelligence gathering device	10 years	The AVATAR® enhances the capabilities of SWAT and tactical response teams by allowing them to quickly and safely inspect dangerous situations, there is no longer a need to send personnel in before you've had a chance to assess the situation	Emergency incidents above normal patrol operations.	\$27,627.68 initial cost in 2010. \$500 average yearly maintenance costs	Refer to SRPD policy 300.	Agency authorized orientation course	Operational use under the review of the SWAT Commander or appropriate team supervisor.
Tactical Robot	Northern Lights Tactical remote controlled, armored tactical robot	1	Larger and heavier robot capable of delivering items in high risk situations and range training	10 years	Northern Lights Tactical TRACS robot target system. Features 10-inch foam-filled tires and has a top speed of 7 miles per hour.	Range training for moving targets. And exceptional high risk situations.	\$10,025 initial cost in 2008. \$100 average yearly maintenance costs	Refer to SRPD policy 300 and range procedures	None	Operational use under the review of the SWAT Commander or appropriate team supervisor.
Unmanned Aerial Vehicles (Shared with Novato PD)	Small unmanned aerial system	4	28 minute flight time per battery, maximum transmission distance 3-10 km based on surroundings	3 years	Grey DJI unmanned aerial system, <249 g weight, four rotor remotely operated airframe with video and photo capability	All-hazard and incidents which would benefit from an aerial perspective.	\$2,000 initial cost; \$500 annual maintenance	Refer to Novato PD policies 613.	Agency-authored orientation course; Monthly individual training; Quarterly team training.	Requires Watch Commander authorization
Category 2										
Armored Rescue Vehicle: Ford Transit-Van 350 HD (Shared with Novato PD)	Armored, wheeled vehicle. White, reflective San Rafael / Novato PD markings and red/blue lights. Equipped with a siren. Can hold a driver, equipment, and seven passengers.	1	Range 100 mi. Armor rated to .50 cal.	10 years	Four-wheeled, five-speed automatic transmission, gas engine-powered personnel carrier with ballistic glass and armor rated to .50 cal.	To provide for the safe transport, security, and rescue of agency personnel and citizens in high-risk incidents.	Shared resource with Novato PD, \$150,272.50 initial cost, \$1000 annual maintenance costs	Refer to policies 702, 703.	Agency-authored orientation course	Operational use under the review of the SWAT Commander or appropriate team supervisor.
Category 5										
Command Trailer: 2006 Sundowner	30 foot wheeled trailer, bathroom, towable, white, reflective San Rafael Mobile Command markings	1	equipment movement, command and control mobile location	10 years	Towable, wheeled-trailer	Equipment movement / mobile dispatch, command meeting location at emergency incidents.	Purchased in 2006. \$18,727. \$500 annually maintenance cost	Refer to policies 702, 703	Class A drivers license required to tow	None
Category 7										
Breaching Projectiles: Remington TB-12BK	12 Gauge breaching rounds	100	Operational range 0-1 foot	5 years	Ballistic breaching round used to defeat a variety of structures to include exterior and interior doors.	To breach entrances beyond the capabilities of hand held / impact methods.	\$150 initial purchase for duty projectiles, less than \$50 per year for on going cost	Refer to policies 300, 303, 303.9, 303.9.1, 303.9.2, 303.9.3.	Agency-authored orientation course; annual refresher.	Operational use under the review of the SWAT Commander or appropriate team supervisor.
Category 10										
Patrol Rifle (COLT, Olympic Arms & Knights Armament)	.223 caliber AR-15 rifle, semi automatic [Standard Issue Firearm - Patrol Application]	84	Single round	10 years	M4/AR15 semi-automatic rifle, gas operated, 16.1 inch barrel	Officers may use deadly force to protect themselves or others from what they reasonably believe is an imminent threat of death or serious bodily injury.	\$884 each for initial purchase \$5,00 ongoing for maintained costs.	Refer to SRPD policies 300 & 306.	Agency-authored orientation course; annual refresher.	Use is subject to the applicable policies (300.5, 300.5.1, 301, 303.11).
Rifle: COLT (SWAT Operator)	.223 caliber M-4 semi-automatic rifle, short barrel	15	Single or multiple round option	10 years	M-4 semi-automatic rifle, 11.4 inch barrel	Officers may use deadly force to protect themselves or others from what they reasonably believe is an imminent threat of death or serious bodily injury.	\$1,200 each, \$500 yearly maintenance costs.	Refer to SRPD policies 300 & 306.	Agency-authored orientation course; annual refresher.	Operational use under the review of the SWAT Commander or appropriate team supervisor. Use is subject to the applicable policies (300.5, 300.5.1, 301, 303.11)

Rifle : Knights Armament SR-25	.308 Caliber semi-automatic rifle with suppressor	4	Single round only	10 years	Precision .308 caliber, gas-operated rifle	Precision Rifle team use. Officers may use deadly force to protect themselves or others from what they reasonably believe is an imminent threat of death or serious bodily injury.	\$4,460 each initial cost, \$500 yearly maintenance	Refer to SRPD policies 300 & 306.	Agency-authored orientation course; monthly refresher.	Operational use under the review of the SWAT Commander or appropriate team supervisor.
.223 caliber rounds	.223 caliber rounds (Patrol Rifle Rounds)	\$10,000+	operational range 0-1000 yards	N/A	.223 caliber rounds	Officers may use deadly force to protect themselves or others from what they reasonably believe is an imminent threat of death or serious bodily injury.	\$358 per 1000 rounds, \$10,000 a year for ongoing replacement costs	Refer to SRPD policies 300 & 306.	Initial orientation course including qualification; annual recertification including qualification.	Use is subject to the applicable policies (300.5, 300.5.1, 301, 303.11).
.308 caliber rounds	.308 caliber rounds (Precision Rifle Rounds)	500+	Operational range 0-1000 yards	N/A	.308 caliber rounds	Officers may use deadly force to protect themselves or others from what they reasonably believe is an imminent threat of death or serious bodily injury.	\$450 per 500 rounds, \$450 a year for replacement rounds	Refer to SRPD policies 300 & 306.	Initial orientation course including qualification; annual recertification including qualification.	Use is subject to the applicable policies (300.5, 300.5.1, 301, 303.11).
Category 12										
Diversionsary Device - Def-Tec	Diversionsary Device with reloads	45	Approx. 162db at 5 feet	5 years	A reloadable unit that can be used up to 30 times.	Distraction / diversionsary device to be used in high risk situations in accordance to policy.	\$35 each, no ongoing costs.	Refer to SRPD policy 300 303.303.9, 303.9.1, 303.9.2, 303.9.3.	Agency-authored orientation course; annual refresher.	Operational use under the review of the SWAT Commander or appropriate team supervisor.
Diversionsary Device - ALS-TRMR	Reloadable Diversionsary Device (Housing unit only)	10	Approx. 172db and 1.2 PSI at 5 feet	5 years	The reloadable diversionsary device can be reloaded up to 250 times. The body incorporates a safety button. Upon deployment the device's kinetic energy causes the top to move the firing pin into the primer to function.	Distraction / diversionsary device to be used in high risk situations in accordance to policy.	\$250 each, replacements cost when needed.	Refer to SRPD policy 300 303.303.9, 303.9.1, 303.9.2, 303.9.3.	Agency-authored orientation course; annual refresher.	Operational use under the review of the SWAT Commander or appropriate team supervisor.
Reloadable Distraction Rounds	Reloads for the ALS-TRMR distraction device, 12 Gauge muzzle bang	50	N/A	5 years	12 ga muzzle bang that produces 175dB at 5 feet	Distraction / diversionsary device to be used in high risk situations in accordance to policy.	\$7.50 per box of 5. \$100 a year ongoing costs for replacements	Refer to policies 300, 303.303.9, 303.9.1, 303.9.2, 303.9.3.	Initial orientation course including qualification; annual recertification including qualification.	Operational use under the review of the SWAT Commander or appropriate team supervisor.
Tear Gas: Chemical CS / Chemical OC	Combination CS and OC irritants (Can be "thrown" or discharged via department approved delivery system)	41	Capable of deployed up to 450 feet	5 years	When utilized, the submunition will discharge the agent for approximately 20-30 seconds, on average, providing a wide area of coverage.	Agency approved less lethal and chemical rounds to be used in accordance to policy in high risk and volatile situations.	\$944.20 initial purchase and average \$500/year maintenance costs	Refer to SRPD policies 300, 303, 303.6, 303.9, 303.9.1, 303.9.2, 303.9.3, 306.	Initial Orientation course including qualification; annual ongoing training	Operational use under the review of the Watch Commander or appropriate team supervisor.
Custom Air-Powered Less Lethal Delivery System (pepper ball) - Tippman 98	Semi-automatic, single shot, compressed air powered delivery system (paint ball gun)	4	Effective range 150 Ft	10 years	.68 caliber, semi-automatic, 3000 PSI HPA (paint ball gun that is meant to discharge chemical irritant projectiles)	Agency approved less lethal and chemical rounds to be used in accordance to policy in high risk situations	\$600 Initial cost, \$150 every two years for more projectiles.	Refer to SRPD policies 300, 303, 303.9, 303.9.1, 303.9.2, 303.9.3.	Agency-authored orientation course; annual refresher.	Operational use under the review of the SWAT Commander or appropriate team supervisor. Use is subject to the applicable policies (300.5, 300.5.1, 301, 303.11)
Category 14										
Less than Lethal Impact Device (Multi-Use) - ALSTAC -40mm	Double action multi-shot 40 mm less than lethal weapon	1	Up to 40 yards	10 years	A double-action, multi-shot, 40mm delivery system. Designed to discharge 40mm less-than-lethal ammunition	Agency approved less lethal and chemical rounds to be used in accordance to policy in high risk situations.	\$3200 initial purchase, no anticipated ongoing costs	Refer to SRPD policies 300, 303, 303.9, 303.9.1, 303.9.2, 303.9.3.	Agency-authored orientation course; annual refresher.	Operational use under the review of the SWAT Commander or appropriate team supervisor. Use is subject to the applicable policies (300.5, 300.5.1, 301, 303.11)

Less Lethal Impact Device (Single-Use) - ALSTAC -40mm	Double action, single shot, 40mm less than lethal weapon	12	Up to 40 yards	10 years	A double-action, single shot, 40mm delivery system. Designed to discharge 40mm less-than-lethal ammunition	Agency approved less lethal and chemical rounds to be used in accordance to policy in high risk situations.	\$740 initial purchase each, no anticipated ongoing costs	Refer to SRPD policies 300, 303, 303.9, 303.9.1, 303.9.2, 303.9.3.	Agency-authored orientation course; annual refresher.	Operational use under the review of the SWAT Commander or appropriate team supervisor. Use is subject to the applicable policies (300.5, 300.5.1, 301, 303.11)
Kinetic Energy Projectiles: 40mm (ALS 4006D)	40mm, foam-tipped kinetic energy discharged from an agency-authorized 40mm delivery device.	100+	Operational range 5-120 ft.	5 years	40mm foam-tipped projectile capable of traveling 325 fps to a maximum range of 120 feet.	To compel an individual to cease his/her actions when such munitions present a reasonable option. A verbal warning of the intended use of the device should precede its application.	\$25.00 each and approximately \$1000 yearly for training projectiles	Refer to SRPD policies 300, 303, 303.9, 303.9.1, 303.9.2, 303.9.3.	Initial orientation course including qualification; annual recertification including qualification.	Use is subject to the applicable policies (300.5, 300.5.1, 301, 303.11).
Shotgun: Remington 870	12 Gauge pump-action Shotgun (Orange Stock / Utilized as Less Lethal Delivery System)	51	Single round	10 years	Single shot pump-action.	To be used with Less-lethal bean bag rounds. To compel an individual to cease his/her actions when such munitions present a reasonable option. A verbal warning of the intended use of the device should precede its application.	\$424 each, \$500-ongoing for maintenance costs	Refer to SRPD policies 300, 303, 303.9, 303.9.1, 303.9.2, 303.9.3.	Agency-authored orientation course; annual refresher.	Use is subject to the applicable policies (300.5, 300.5.1, 301, 303.11).
Kinetic Energy Projectiles: 12 Gauge "bean bag" rounds	12 Gauge cotton sock discharged from an agency-authorized 12 Gauge deliver device	100+	21 feet	N/A	12ga cotton sock round capable of traveling 525 fps.	To compel an individual to cease his/her actions when such munitions present a reasonable option. A verbal warning of the intended use of the device should precede its application.	\$535.00 per 100, \$500 annual replacement cost	Refer to SRPD policies 300, 303, 303.9, 303.9.1, 303.9.2, 303.9.3.	Agency-authored orientation course; annual refresher.	Use is subject to the applicable policies (300.5, 300.5.1, 301, 303.11).