EQUIPMENT THAT REQUIRES ENVIRONMENTAL & HISTORICAL PRESERVATION (EHP) APPROVAL

AEL / SEL Number	Title	Description
02EX-00-EXEN	Equipment, Explosive Entry	Explosive entry equipment, upgrades. Used for explosive tactical entries (breaching).
03WA-02-SONR	Sonar, Imaging	Underwater imaging device utilizing sound waves to assist in search and rescue operations.
04AP-08-SIMS	Simulators	Systems that provide interactive audio or audio-visual simulation of operational situations to support training, planning, or decision making.
04AP-09-ALRT	Systems, Public Notification and Warning	Systems used to alert the public of protective actions or to provide warning to the public in the event of an incident, such as sirens, the Emergency Alert System (EAS) and the Integrated Public Alert and Warning System (IPAWS).
04MD-01-CMRA	Camera, Still	Still camera, digital or film.
04MD-01-IRED	Camera, Infrared (IR)	Infrared (IR) a. Thermal b. Forward Looking Infrared Radiation (FLIR) and/orc. Infrared detection
04MD-01-IRIL	Equipment, Illumination, IR	Infrared illumination equipment.
04MD-01-LAMP	Equipment, Light Amplification	Light amplification (night vision enhancement) equipment, including hand-held, helmet mounted, or equipment-mounted tactical systems. Includes hardware/accessories necessary for helmet/equipment mounting.
04MD-01-UCAM	Camera, Underwater (Still/Video)	Still or video camera adapted or designed for use underwater.
04MD-01-VCAM	Camera, Video	Video camera.
04MD-03-DISP	Display, Video	Video display - assorted technologies including Plasma, LCD, LED, etc.
05AU-00-BIOM	Device, Biometric User Authentication	Devices that utilize biometric characteristics (fingerprints, palm prints, retinal scanning, etc. to authorize access to facilities and/or systems.
06CP-01-BASE	Radio, Base	Base radio system.
06CP-01-REPT	Repeaters	An electronic device that receives a weak or low-level signal and retransmits that signal to extend usable range.
06CP-01-VOTR	Receivers, Voter	A device that evaluates the comparative strength and signal/noise ratio from multiple receivers on the same frequency, selects the "best" signal and retransmits.
06CP-02-BRDG	Equipment, Bridging/Patching/Gateway	Includes a wide range of equipment and software utilized to connect disparate communications networks. Systems range from cords that can patch two radios to interface boxes that can link dozens of radios, phones, computers, etc. in multiple sessions.

06CP-03-MWAV	Radio, Microwave Link	Microwave link for remote control of radio base stations or for links between infrastructure components and other communication assets.
06CP-03-NRSC	Cable, Non Radiation-Shielded Transmission	Non radiation-shielded transmission cable between base/repeater and antenna.
06CP-03-TOWR	Systems, Antenna and Tower	Fixed and portable.
06CP-06-SHRD	Shredder / Disintegrator	Shredding or disintegrating device for the destruction of sensitive materials such as reports or encryption key material.
07CD-03-IRED	Detector, Fixed Site, Chemical	Chemical detection devices designed to be mounted in buildings or on fixed exterior mounts that utilize infrared/vibrational detection technologies such as Fourier Transform Infrared (FT-IR) Raman, FT-IR/Raman, or photoacoustic infrared (PIR) for chemical detection.DIQCode: [D,I]
08D2-02-MCDS	Systems, Mass Casualty Decontamination	Mobile or fixed systems capable of delivering water or solutions in varying temperatures and at sufficient flow rates for the purpose of washing numerous contaminated victims. Suitable systems may be tents, trailers, vehicle mounted, or integrated into building systems.
08D2-04-SOLN	Solution, Decontamination, Site (Not For	Equipment and site decontamination solutions (not approved for humans).
10GE-00-GENR	Generators	Generators, varying types and sizes, including gasoline, diesel, propane, natural gas, alternator, gas turbine powered devices, etc.
10PE-00-UPS	Supply, Uninterruptible Power (UPS)	Systems that compensate for loss of power to serviced equipment for some period of time. May include short-duration battery devices, or standby generator devices for longer duration.
13LE-00-SURV	Equipment, Law Enforcement Surveillance	Surveillance equipment and related accessories, including but not limited to: audio, data, and visual equipment. Includes electronic equipment such as Pen registers (equipment capable of capturing incoming and outgoing phone numbers, along with the duration of calls, without listening to the actual conversations) Also includes equipment designed to extract information from personal digital assistants (PDAs) and cellular devices such as cellular phones and messaging devices.
14EX-00-BSIR	Systems, Building, Blast/Shock/Impact Resistant	Systems to mitigate damage from blasts, shocks, or impacts, such as column and surface wraps, breakage/shatter resistant glass, window wraps, and deflection shields.
14SW-01-ALRM	Systems/Sensors, Alarm	Systems and standalone sensors designed to detect access violations or intrusions using sensors such as door/window switches, motion sensors, acoustic sensors, seismic, and thermal sensors. May also include temperature sensors for critical areas.
14SW-01-ASTN	Network, Acoustic Sensor Triangulation	A network consisting of some number of deployed acoustic sensors and one or more processing nodes for data integration and analysis. Such networks can be "tuned" to one or more ranges of frequencies to detect sounds such as gunshots, heavy weapons discharge, explosions, MANPAD launches, vehicle noises, etc. and utilize acoustic triangulation to provide accurate location data. Such networks can be wired, wireless, or hybrid, and are capable of operation near critical infrastructure assets or in wide areas.

14SW-01-DOOR	Doors and Gates, Impact Resistant	Reinforced doors and gates with increased resistance to external impact for increased physical security.
14SW-01-EXTM	System, Fire Extinguisher Monitoring	System for monitoring the presence and inflation pressure of fixed-location fire extinguishers to ensure that they are usable and are not stolen for possible misuse.
14SW-01-LITE	Lighting, Area, Fixed	Fixed high-intensity lighting systems for improved visibility in areas such as building perimeters and surveillance zones.
14SW-01-LRHW	Long Range Hailing and Warning Device	Long range hailing and warning device capable of producing highly directional sound beams, allowing users to project warning tones and intelligible voice commands at great distances. LRHW may be interconnected to other surveillance, warning, access or intrusion control devices into an integrated system.
14SW-01-PACS	System, Physical Access Control	Locking devices and entry systems for control of physical access to facilities.
14SW-01-SIDP	Systems, Personnel Identification	Systems for positive identification of personnel as a prerequisite for entering restricted areas or accessing information systems.
14SW-01-SIDV	Systems, Vehicle Identification	Systems for identification of vehicles, ranging from decals to radio frequency identification (RFID) or other transponder devices.
14SW-01-SNSR	Sensors/Alarms, System and Infrastructure Monitoring, Standalone	Standalone sensors/alarms for use on critical systems or infrastructure items (security systems, power supplies, etc. to provide warning when these systems fail or are near failure.
14SW-01-VIDA	Systems, Video Assessment, Security	Camera-based security systems utilizing standard, low light, or infrared technology.
14SW-01-WALL	Barriers: Fences; Jersey Walls	Obstacles designed to channel or halt pedestrian or vehicle-borne traffic in order to protect a physical asset or facility.
14SW-02-HSCN	Equipment, Hull Scanning	Devices or systems used to scan ship hulls for attached devices.
14SW-02-RADR	Systems, Radar	Scanning systems for detection of objects such as vessels, personnel, and other objects.
14SW-02-SONR	Systems, Sonar	Includes several different types of underwater sound wave imaging:Imaging Sonar: A high-frequency sonar that produces video-like imagery using a narrow field of view. The sonar system can be pole-mounted over the side of a craft or hand-carried by a diver. Scanning Sonar: Consists of smaller sonar systems that can be mounted on tripods and lowered to the bottom of the waterway. Scanning sonar produces a panoramic view of the surrounding area and can cover up to 360 degrees.Side Scan Sonar: Placed inside of a shell and towed behind a vessel. Side scan sonar produces strip-like images from both sides of the device. 3-Dimensional Sonar: Produces 3-dimensional imagery of objects using an array receiver.
14SW-02-VBAR	Barriers, Vessel	Deployable, modular systems for restricting the movement of vessels.

15IN-00-PLSN	System, Pulsed Neutron Activation, Non-Invasive	Screening system utilizing pulsed neutrons. Non-destructive detection of CWAs in sealed containers.
15IN-00-RADR	Radar, Ground/Wall Penetrating	Radar systems designed to penetrate walls or ground to allow detection of hidden objects.
15SC-00-PMON	Monitors, Portal	Systems to scan vehicles/cargo for radioactive content. Various sizes for vehicles, packages (large and small) and pedestrians. Does not identify radionuclide.DIQCode: [D,Q]Note:? For explosive detection portal, see Item 07ED-03-PORT.
15SC-00-PMSP	Monitor, Portal, Spectroscopic	Systems to scan vehicles/cargo for radioactive content and identify source radionuclide. Variants include vehicle, rail, and seaport container configurations. DIQCode: [D,I,Q]
15SC-00-PPSS	Systems, Personnel/Package Screening	Hand-held or fixed systems such as walk-through magnetometers and conveyor-belt x-ray systems used to screen personnel and packages for hazardous materials/devices.
19GN-00-RFMN	Monitors/Recorders, Temperature and Humidity	Devices used to continuously monitor the temperature and/or humidity of a storage area or refrigeration device to ensure that contents do not exceed storage limits.
21GN-00-INST	Installation	Installation costs for authorized equipment purchased through FEMA grants.