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DETAILED SPECIFICATIONS FOR PUBLIC SAFETY CATEGORIES

PUBLIC SAFETY CATEGORIES

The following categories are by way of example only and are not meant to limit the broad range of products that might be available from potential offerors. Product Category Examples (Note: Items 1-31 are compiled, in part, from the Office of Domestic Preparedness' Authorized Equipment List and The InterAgency Board's Standardized Equipment List):

1.   **Personal Protective Equipment**
    Equipment worn to protect the individual from hazardous materials and contamination in the workplace including, a chemical/biological threat environment. Examples include the following: chemical resistant suits, escape masks, gloves, coveralls, helmets, eye protection, hi-visibility clothing, safety footwear, respiratory protective equipment, SCBAs, etc.

2.   **Explosive Device Mitigation and Remediation Equipment**
    Equipment providing for the mitigation and remediation of explosive devices in a CBRNE environment, such as:
    - Bomb Search Protective Ensemble for Chemical/Biological Response
    - Chemical/Biological Undergarment for Bomb Search Protective Ensemble
    - Cooling Garments to manage heat stress
    - Ballistic Threat Body Armor & Helmets (not for riot suppression)
    - Blast and Ballistic Threat Eye Protection (not for riot suppression)
    - Blast and Overpressure Threat Ear Protection (not for riot suppression)
    - Fire Resistant Gloves
    - Disarmer/Disrupter
    - Real Time X-Ray Unit; Portable X-Ray Unit
    - CBRNE Compatible Total Containment Vessel (TCV)
    - CBRNE Upgrades for Existing TCV
    - Robot; Robot Upgrades
    - Fiber Optic Kit (inspection or viewing)
    - Tents, standard or air inflatable for chem/bio protection
    - Inspection mirrors
    - Ion Track Explosive Detector

3.   **Environmental Monitoring**
    Items such as: chip measurement systems, passive dosimeter badges, diffusion tubes, detector tube systems, air sampling pumps, gas detection monitors, confined space monitors, photo-ionization detectors, and protection against additional unseen hazards (radiation and noise levels).

4.   **CBRNE Search and Rescue Equipment**
    Equipment providing a technical search and rescue capability for a CBRNE environment, such as:
    - Hydraulic tools; hydraulic power unit
    - Listening devices; hearing protection
    - Search cameras (including thermal and infrared imaging)
    - Breaking devices (including spreaders, saws and hammers)
    - Lifting devices (including air bag systems, hydraulic rams, jacks, ropes and block
    - and tackle)
    - Blocking and bracing materials
    - Evacuation chairs (for evacuation of disabled personnel)
    - Ventilation fans

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5.   Interoperable Communications Equipment

Equipment and systems providing connectivity and electrical interoperability between local and interagency organizations to coordinate CBRNE response operations. Includes system design, installation, service and maintenance. Products include:

- Land Mobile, Two-Way In-Suit Communications (secure, hands-free, fully duplex, optional), including air-to-ground capability (as required)
- Antenna systems
- Personnel Alert Safety System (PASS) - (location and physiological monitoring systems optional)
- Personnel Accountability Systems
- Individual/portable radios, software radios, portable repeaters, radio interconnect systems, satellite phones, batteries, chargers and battery conditioning systems
- Computer systems designated for use in an integrated system to assist with detection and communication efforts (must be linked with integrated software packages designed specifically for chemical and/or biological agent detection and communication purposes)
- Portable Meteorological Station (monitors temperature, wind speed, wind direction and barometric pressure at a minimum)
- Commercially available crisis management software
- Mobile Display Terminals

6.   Detection Equipment

Equipment to sample, detect, identify, quantify, and monitor for chemical, biological, radiological/nuclear, and explosive agents throughout designated areas or at specific points. Such items include:

- Detection Kits/Paper for all chemical agent identification and detection
- Multi-Gas Meters
- Hazard Categorizing (HAZCAT) Kits
- Surface Acoustic Wave Detector
- Spectrometers
- Colormetric Tube/Chip Kit specific for TIC s and CBRNE applications
- Leak Detectors (soap solution, ammonium hydroxide, etc)
- pH Paper/pH Meter
- Protective cases for sensitive detection equipment storage & transport
- Point Detection Systems/Kits (Immunoassay or other technology)
- Radiation detection equipment (electronic or other technology that detects alpha, beta, gamma, and high intensity gamma), Personal Dosimeters, Scintillation Fluid (radiological) pre-packaged

7.   Decontamination Equipment

Equipment and material used to clean, remediate, remove or mitigate chemical and biological contamination. Such items include:

- Decontamination system for individual and mass application with environmental controls, water heating system, showers, lighting, and transportation (trailer)
- Decon/Extraction Litters/roller systems
- Runoff Containment Bladder(s), decontamination shower waste collection with intrinsically-safe evacuation pumps, hoses, connectors, scrub brushes, nozzles
- Spill Containment Devices
- Overpak Drums
- Cadaver Bags
- Hand Carts
- Waste water classification kits/strips
- HEPA (High Efficiency Particulate Air) Vacuum for dry decontamination

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8. **Hazardous Materials Storage**
   - Storage cabinets
   - Safety cans

9. **Spill Control and Containment**
   - Spill treatment agents
   - Infectious materials cleanup kits
   - Sorbents
   - Non-sparking tools
   - Hazardous material vacuums
   - Environmental containment

10. **Physical Security Enhancement Equipment**
   Includes equipment and installation necessary to enhance the physical security of critical infrastructure such as system design, installation, service and maintenance.

11. **Surveillance, Warning, Access/Intrusion Control Ground**
   - Motion Detector Systems: Acoustic; Infrared; Seismic; Magnetometers
   - Barriers: Fences; Jersey Walls
   - Impact Resistant Doors and Gates
   - Portal Systems; locking devices for access control
   - Alarm Systems
   - Video Assessment/Cameras: Standard, Low Light, IR, Automated Detection
   - Personnel Identification: Visual; Electronic; Acoustic; Laser; Scanners; Cyphers/Codes
   - X-Ray Units
   - Magnetometers
   - Vehicle Identification – Visual, Electronic, Acoustic, LASER, RADAR,

12. **Explosion Protection**
   - Blast/Shock/Impact Resistant Systems
   - Protective Clothing
   - Column and Surface Wraps; Breakage/Shatter Resistant Glass; Window Wraps
   - Robotic Disarm/Disable Systems

13. **Fire and Emergency Response**
   - Firefighting/Rescue/EMS - apparel (structural, suspenders, wildland, rescue EMS, station wear, high visibility, gear racks), helmet/hoods, gloves, boots, SCBA/respirators, eyewear, ear plugs/muffs, knee/wrist/back protectors, communications, RIT/RIC/escape devices, accountability, rehab, incident command, bags/packs/web gear, thermal imagers, search cameras/listening systems, flashlights/scene lighting, hand tools, ladders, ventilation, extinguishers, dry chemicals/foam, hoses/nozzle/appliances, rescue tools, rope/rigging, patient care, and traffic safety
   - Hazmat/WMD: Apparel, gloves, boots, SCBA respirators, instrumentation, lead repair/control, sorbents/neutralizers, overpacks, containment, vacuums, and decon
   - Law Enforcement: Apparel, eyewear, headsets/ear plugs, gloves, SCBA/respirators, flashlights/scene lighting, thermal imaging, traffic safety
   - Mass Casualty: Shelters/trailers, incident command, med/surge, decontamination, fatality management, multi-use/temporary housing, environmental controls/support equipment, patient management, and scene management

14. **Traffic Safety**
   - Traffic safety apparel: Class I, II, and III
   - Traffic safety tapes (delineator tapes and warning and barricade tapes)

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- o **Traffic control products**: cones, delineator posts, flags, triangles, signs and the stands that hold them, paddles, vests for road crews, **law enforcement**, and emergency response personnel, **fences**, wind socks, and emergency kits
- o **Message boards**, flares

15. **Facility Safety and Maintenance**
- o **Communications**
- o Eyewashes and showers (portable, mounted, combinations, and mixing valves)
- o Fire extinguishers
- o Label Makers (portable and benchtop)
- o **Lighting** (hand lights, headlamps, personal, and lanterns and **area lighting**)
- o Lockout/Tagout (stations, padlock and hasps, electrical, confined space, and valve)
- o Maintenance (abrasives, adhesives, sealants and tapes, electrical, HVAC and plumbing, janitorial, lubricants and penetrants, MRO, paint, tarps, hand tools, power tools, measuring and leveling, lawn and garden, and welding)
- o Material handling and storage (bins, bottle carriers, carts, chests and lockers
- o Matting (antifatigue and specialty)
- o Signs and tags
- o Waste disposal
- o Wipers

16. **Fall Protection and Confined Space**
Systems and equipment to protect from death and injury when working in a confined space, or working at height aiding in fall arrest, worker positioning, restraint, suspension, rescue. Including, but not limited to items such as:
- o Self-Retracting life lines (SRLs), tripods, blowers, harnesses, rope, carabiners, etc.

17. **Medical and First Aid Supplies**
- o First aid kits, refills, and blood borne pathogen response kits
- o Burn care
- o Medicinals such as antacids, aspirin and non-aspirin pain relief, cold and sinus medication
- o Skin care products such as heavy-duty cleansers, medicated and protective skin creams, insect repellents, poison ivy relief, sunscreen
- o Heat-Stress relief such as fluid replacement drinks and coolers

18. **CBRNE Reference Materials**
Reference materials designed to assist emergency first responders in preparing for and responding to a CBRNE incident. This includes but is not limited to the following:
- o NFPA Guide to hazardous materials
- o NIOSH Hazardous Materials Pocket Guide
- o North American Emergency Response Guide
- o Jane's Chem-Bio Handbook
- o First Responder Job Aids

19. **AEDs**
Portable, personal, and medical automatic external defibrillators, AED trainers, accessories and replacement parts.

20. **Ammunition/Less than Lethal Munitions**
Including ammunition for police weapons and munitions such as OC Spray, rubber bullets, flash bangs, crowd and riot suppressants.

21. **Civil Disturbance Gear**
All gear necessary for officer protection and control during civil disturbance events/riots. Including, but not limited to:

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- o Shields, riot helmets, pad, FR outerwear, FR base layer, boots, gloves, duty belts, batons, animal protection (horses, canine)

22. **Dive Gear/Underwater Recovery/Water Safety**
- o dive suits, underwater robots, boats, dry suits, Personal Flotation Devices (PFDs)

23. **Police Fleet Management Products**
Equipment relating to the outfitting and maintenance of vehicles, including but not limited to sirens, lights, speed cameras, RADAR.

24. **Law Enforcement Software**
Including but not limited to facial recognition products, shot tracking software, license plate recognition, any criminal investigative software.

25. **Public Safety Aviation - Helicopters**
Equipment and services related to the purchase of helicopter and associated maintenance, UAV, UAW, and accessories, aviation software, aircraft.

26. **Public Safety Uniforms**
Class A uniforms, Class B uniforms, BDUs, NFPA compliant footwear.

27. **Vehicles**
Any public safety vehicles including but not limited to: armored vehicles, ATVs, Command vehicles, bomb trucks.

28. **Trainers and Training Equipment**
For example fire trainers, simulators, training props.

29. **Vending Solutions**
Service and equipment to supply and manage an on-site vending program with contract relevant contents for refill, such as PPE, eyewear, ear plugs, gloves, etc. Solution to include:
- o Real time usage reporting by employee, item, department, or cost code
- o Low stock/out of stock alert for both supplier and customer
- o Ability to restrict items by time, item, employee, or usage
- o Ability to dispense both large and small items

30. **Related Products and Services**
Any related public safety and emergency preparedness products and services offered by supplier.

31. **All Other Non-listed Public Safety, Law Enforcement and Fire Equipment available through your company**
Equipment, supplies and materials (such as general Fire Turn -out gear and Law Enforcement Tactical equipment) that Bidder offers but does not appear specifically in the above categories.