

## Attachment A

### Detailed Specifications for Public Safety Categories

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#### PUBLIC SAFETY CATEGORIES

Product Category Examples (Note: Items A-K is compiled in part from the Office of Domestic Preparedness' Authorized Equipment List and The Interagency Board's Standardized Equipment List):

**A. Personal Protective Equipment** -Equipment worn to protect the individual from hazardous materials and contamination. Levels of protection vary and are divided into three categories based on the degree of protection afforded. The following constitutes equipment intended for use in a chemical/biological threat environment:

**Level A.** Fully encapsulated, liquid and vapor protective ensemble selected when the highest level of skin, respiratory and eye protection is required. The following constitutes Level A equipment:

- Fully Encapsulated Liquid and Vapor Protection Ensemble, reusable or disposable (tested and certified against CB threats)
- Fully Encapsulated Training Suits · Closed-Circuit Rebreather (minimum 2-hour supply, preferred), or open-circuit Self-Contained Breathing Apparatus (SCBA) or, when appropriate, Air-Line System with 15-minute minimum escape SCBA
- Spare Cylinders/Bottles for rebreathers or SCBA and service/repair kits
- Chemical Resistant Gloves, including thermal, as appropriate to hazard
- Personal Cooling System; Vest or Full Suit with support equipment needed for maintaining body core temperature within acceptable limits
- Hardhat/helmet
- Chemical/Biological Protective Undergarment
- Inner Gloves
- Approved Chemical Resistant Tape
- Chemical Resistant Boots, Steel or Fiberglass Toe and Shank
- Chemical Resistant Outer Booties

**Level B.** Liquid splash resistant ensemble used with highest level of respiratory protection. The following constitute Level B equipment:

- Liquid Splash Resistant Chemical Clothing, encapsulated or non-encapsulated
- Liquid Splash Resistant Hood
- Closed-Circuit Rebreather (minimum 2-hour supply, preferred), open-circuit SCBA, or when appropriate, Air-Line System with 15-minute minimum escape SCBA
- Spare Cylinders/Bottles for rebreathers or SCBA and service/repair kits
- Chemical Resistant Gloves, including thermal, as appropriate to hazard
- Personal Cooling System; Vest or Full Suit with support equipment needed for maintaining body core temperature within acceptable limits
- Hardhat/helmet
- Chemical/Biological Protective Undergarment
- Inner Gloves
- Approved Chemical Resistant Tape
- Chemical Resistant Boots, Steel or Fiberglass Toe and Shank

- Chemical Resistant Outer Booties

**Level C.** Liquid splash resistant ensemble, with same level of skin protection of Level B, used when the concentration(s) and type(s) of airborne substances(s) are known and the criteria for using air-purifying respirators are met. The following constitute Level C equipment:

- Liquid Chemical Splash Resistant Clothing (permeable or non-permeable)
- Liquid Chemical Splash Resistant Hood (permeable or non-permeable)
- Tight-fitting, Full Facepiece, Negative Pressure Air Purifying Respirator with the appropriate cartridge(s) or canister(s) and P100 filter(s) for protection against toxic industrial chemicals, particulates, and military specific agents.

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- Tight-fitting, Full Facepiece, Powered Air Purifying Respirator (PAPR) with chemically resistant hood with appropriate cartridge(s) or canister(s) and high-efficiency filter(s) for protection against toxic industrial chemicals, particulates, and military specific agents.
- Equipment or system batteries will include those that are rechargeable (e.g. NiCad) or non-rechargeable with extended shelf life (e.g. Lithium)
- Chemical Resistant Gloves, including thermal, as appropriate to hazard
- Personal Cooling System; Vest or Full Suit with support equipment
- Hardhat
- Inner Chemical/Biological Resistant Garment
- Inner Gloves
- Chemical Resistant Tape
- Chemical Resistant Boots, Steel or Fiberglass Toe and Shank
- Chemical Resistant Outer Booties

**Level D.** Selected when no respiratory protection and minimal skin protection is required, and the atmosphere contains no known hazard and work functions preclude splashes, immersion, or the potential for unexpected inhalation of, or contact with, hazardous levels of any chemicals.

- Escape mask for self-rescue Note: During CBRNE response operations, the incident commander determines the appropriate level of personal protective equipment. As a guide, Levels A, B, and C are applicable for chemical/ biological/ radiological contaminated environments. Personnel entering protective postures must undergo medical monitoring prior to and after entry. ***All SCBAs should meet standards established by the National Institute for Occupational Safety and Health (NIOSH) for occupational use by emergency responders when exposed to Chemical, Biological, Radiological and Nuclear (CBRN) agents in accordance with Special Tests under NIOSH 42 CFR 84.63(c), procedure number RCTCBRN-STP-0002, dated December 14, 2001. ODP anticipates making compliance with NIOSH SCBA CBRN certification a mandatory requirement for all SCBAs purchased under the FY 2004 State Homeland Security Grant Program.***

**B. Explosive Device Mitigation and Remediation**-Equipment providing for the mitigation and remediation of explosive devices in a CBRNE environment:

- 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 (not for riot suppression)
- Ballistic Threat Helmet (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
- Dearmer/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

**C. Environmental Monitoring**

- Chip measurement systems
- Passive dosimeter badges
- Diffusion tubes

- Detector tube systems

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- Air sampling pumps
- Gas detection monitors
- Confined space monitors
- Photo-ionization detectors
- Protection against additional unseen hazards – (radiation and noise levels)

**D. CBRNE Search and Rescue Equipment** -Equipment providing a technical search and rescue capability for a CBRNE environment:

- 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

**E. 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.

- 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

**F. 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:

**Chemical**

- M-8 Detection Paper for chemical agent identification
- M-9 Detection Paper (roll) for chemical agent (military grade) detection
- M-256 Detection Kit for Chemical Agent (weapons grade—blister: CX/HD/L; blood: AC/CK; and nerve:GB/VX) detection
- M-256 Training Kit
- M-18 Series Chemical Agent Detector Kit for surface/vapor chemical agent analysis
- Hazard Categorizing (HAZCAT) Kits
- Photo-Ionization Detector (PID)
- Flame Ionization Detector (FID)
- Surface Acoustic Wave Detector
- Gas Chromatograph/Mass Spectrometer (GC/MS)

- Ion Mobility Spectrometry
- Stand-Off Chemical Detector
- M-272 Chemical Agent Water Test Kit
- Colormetric Tube/Chip Kit specific for TIC s and CBRNE applications

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- Multi-gas Meter with minimum of O2 and LEL
- Leak Detectors (soap solution, ammonium hydroxide, etc)
- pH Paper/pH Meter
- Waste Water Classifier Kit
- Oxidizing Paper
- Protective cases for sensitive detection equipment storage & transport

**Biological** - Point Detection Systems/Kits (Immunoassay or other technology) **Radiological/Nuclear** Radiation detection equipment (electronic or other technology that detects alpha, beta, gamma, and high intensity gamma)

- Personal Dosimeter
- Scintillation Fluid (radiological) pre-packaged
- Radiation monitors

**G. Decontamination Equipment** -Equipment and material used to clean, remediate, remove or mitigate chemical and biological contamination:

**Chemical**

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

**Biological**

- HEPA (High Efficiency Particulate Air) Vacuum for dry decontamination

**H. Hazardous Materials Storage**

- Storage cabinets
- Safety cans

**I. Spill Control and Containment**

- Spill treatment agents
- Infectious materials cleanup kits
- Sorbents
- Nonsparking tools
- Hazardous material vacuums
- Environmental containment

**J. Physical Security Enhancement Equipment** -Equipment to enhance the physical security of critical infrastructure. Includes system design, installation, service and maintenance.

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

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- Magnetometers
- Vehicle Identification: Visual; Electronic; Acoustic; Laser; Radar

### **Explosion Protection**

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

### **K. Fire and Emergency Response**

- Firefighting, rescue, EMS: Apparel (structural, suspenders, wildland, rescue EMS, stationwear, 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

### **L. Traffic Safety**

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

### **M. Facility Safety and Maintenance**

- Communications
- Eyewashes and showers (portable, mounted, combinations, and mixing valves)
- Fire extinguishers
- Label Makers (portable and benchtop)
- Lighting (hand lights, headlamps, personal, and lanterns and area lighting)
- Lockout/Tagout (stations, padlock and hasps, electrical, confined space, and valve)
- 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)
- Material handling and storage (bins, bottle carriers, carts, chests and lockers)
- Matting (antifatigue and specialty)
- Signs and tags
- Waste disposal
- Wipers

### **N. Fall Protection and Confined Space**

- Fall arrest systems
- Worker positioning systems
- Restraint systems
- Suspension systems

- Rescue systems

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**O. Medical and First Aid Supplies**

- First aid kits: bulk kits, first aid kit refills, professional first aid kits, standard first aid kits, specialty first aid kits, weatherproof first aid kits, and bloodborne pathogen response kits
- Burn care: burn kits, dressings, sprays, and fire blankets
- Medicinals: Antacids, aspirin and nonaspirin pain relief, and cold and sinus medication
- Skin care products: heavy-duty cleansers, medicated and protective skin creams, insect repellents, poison ivy relief, and sunscreen
- Heat-Stress relief - (Fluid replacement drinks and coolers)
- Sudden cardiac arrest response products: Automated external defibrillators, AED trainers, and accessories and replacement parts

**P. 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:

- NFPA Guide to hazardous materials
- NIOSH Hazardous Materials Pocket Guide
- North American Emergency Response Guide
- Jane's Chem-Bio Handbook
- First Responder Job Aids

**Q. Related Products and Services**

- Any related public safety and emergency preparedness products and services offered by supplier

**R. 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.

RFP11-205753-10 **Attachment B Detailed Specifications for AED Categories**

## **PART A – AED EQUIPMENT AND ACCESSORIES**

Technical specifications for AEDs, accessories and related supplies

All AEDs (Automated External Defibrillators) and accessories must meet or exceed the following AED equipment specifications.

### **A1 FDA Approved**

Compliant with most recent American Heart Association Guidelines for CPR & ECC.

### **A2 Energy Settings**

- a) Biphasic
- b) Accommodates FDA approved reduced energy use on pediatrics

### **A3 User interface**

- a) Prompts the rescuer in use of the AED by voice, graphic display, or audible tone
- b) Prompts the rescuer in use of CPR by voice, graphic display, or audible tone
- c) Prompts correct electrode placement by voice, graphic display, or audible tone

### **A4 Controls**

- a) All controls are clearly visible, accessible, understandable, and independent of comprehension of written English
- b) Status indicators are visible with the AED in a bracket or carrying case without turning the AED on or opening the bracket or carrying case
- c) Controls may be available in languages other than English.

### **A5 Indicators**

- a) There are indicators for —rescue-readyll and —needs servicell statuses

### **A6 Patient Analysis**

- a) Once electrodes are in place, automatically analyzes patient ECG for shockable rhythm

### **A7 AED Self-Analysis**

- a) Runs a weekly self-test and alerts the operator if service is required
- b) Performs a more extensive self-test on a monthly basis
- c) Tests the capacity of the battery and defibrillator charging system monthly

### **A8 Data Storage and Retrieval**

- a) Provides log of self-tests downloadable to an electronic medium
- b) Permits downloading, review, and printing of event data (patient information) and test log
- c) Capable of storing continuous patient ECG in internal memory (i.e. without the use of external storage media)
- d) Stores a minimum of two patient cases in internal memory (i.e. without the use of external storage media)
- e) Patient case storage will not be affected if power is disconnected from the device
- f) Allows replay of continuous ECG

#### A9 Package Offering

- a) AED supplied with two (2) sets of Adult defibrillation electrodes, battery and charging device, carrying case, first responder kit (scissors, CPR pocket mask, razor, non-latex exam gloves, anti-microbial wipe), implementation guidelines, operating instructions, and infant/child reduced energy defibrillation electrodes or applicable reduced energy system for use with infant/child
- b) AED wall cabinet supplied with audible alarm

#### A10 Power Source

- a) Battery replacement cycle will be a minimum of four years from the date of manufacture
- b) Battery provides a minimum of 30 shocks
- c) Battery must maintain standby usage during the time period between display of the battery replacement icon and battery replacement
- d) Alerts operator to low battery condition during use

#### A11 Electrodes

- a) Electrode replacement cycle will be a minimum of two years from the date of manufacture
- b) Electrodes are stored in a protective package that is mounted to the AED to prevent accidental loss or damage
- c) When placed in the device, the electrode package label indicates how to remove the electrode from the package
- d) Electrode pack is easy-to-open

#### A12 Environmental Criteria

- a) Crush
  - o 500 pounds
- b) Movement
  - o Has a motion-detection system
  - o Can detect patient movement such as that created by patient breathing, CPR or vehicle movement
- c) Sealing
  - o AED will meet IEC 60529/EN 60529 IPX4 —Splash Proof or greater with or without electrodes connected or lid open or closed
- d) Temperature
  - o Operating temperature range: 32 degrees F to 122 degrees F
  - o Storage temperature range: 0 degrees F to 122 degrees F
- e) Vibration
  - o Complaint with MIL-STD-810F Method 514.5 and MIL-HDBK-344A
  - o

#### A13 Shock Advisory Algorithm

- a) Provides clinically relevant evidence of device algorithm sensitivity with the following specifications:
  - o Overall sensitivity in excess of 90%
  - o Overall specificity in excess of 95%

#### A14 Technical Service

- a) AED manufacturer will provide factory-direct technical support, with on-site field service representation
- b) On-site service will be completed within 24 hours of initiating request
- c) If advanced service is necessary beyond the on-site call, an exact replacement unit must be provided immediately

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A15 Accessories:

- a) The Offeror shall provide AED accessories, parts, and accessories, including but not limited to:
  - o Wall cabinet with audible alarm, consistent with the cabinets currently in use (plain white metal, clear glass front, no signal light)
  - o AED signage compliant with examples provide at the pre-proposal conference
- b) If the AED cabinet is not compliant with Title II of the Americans with Disabilities Act (ADA), the Offeror will advise a remedy.

A16 Quality

- a) All goods will be fresh stock

A17 Delivery

- a) Unless otherwise agreed to, all goods will be delivered within 30 days

A18 Recalls

- a) The Offeror will immediately notify the Participating Public Agency's Project Manager of any equipment recalls.
- b) The Offeror will provide a plan to immediately replace all recalled equipment.

A19 Support

- a) The Offeror will have in-house specialists available to answer equipment questions during the Participating Public Agency's normal business hours.

A20 Track AEDs

- a) Track AEDs by (1) serial number and (2) the expiration dates of each AED's respective pads and batteries.

**PART B – SERVICE**

Site surveys for AED placement; AED maintenance, repair, and replacement; physician oversight; event data collection and report

B1 AEDs and Accessories

- a) No substitutions allowed
- b) The Participating Public Agency may provide AEDs, parts and accessories for day-to-day operation from its own stock

B2 Operator's Handbook

- a) The Offeror may assist the Participating Public Agency in development of an Operator's Handbook for each site that, at a minimum:
  - o Fully describes the operation of the AED
  - o Provides CPR refresher information
  - o Provides a post-event protocol
  - o Provides Offeror contact name(s) and toll-free 24-hour telephone number(s)
  - o Provides information from the PAD Program physician (Medical Director)
  - o Contains an AED Program Information sheet, a sample of which is attached as Appendix A.

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#### B3 AED Site Assessment Survey - General

a) The Offeror may abide by all requirements pertaining to visitors on the Participating Public Agency's property; unless specifically granted by site, no special access is conferred upon the Offeror.

#### B4 AED Site Assessment Survey - New Sites

a) The Offeror may perform an AED site assessment prior to installation of an AED at any site.

b) The Offeror may :

- o Meet with staff at each site designated to receive an AED to survey the site and to learn any physical or operational conditions which may impact placement of an AED.
- o Discuss with site staff the most suitable location to mount the AED(s) to meet the need for an easily accessible area and highly visible location.
- o Conduct a timed response drill to ensure meeting the current American Heart Association recommended response time.
- o Recommend the appropriate style of cabinet (i.e. surface mount, semi- recessed or fully recessed) for that location.
- o Provide the Participating Public Agency's Project Manager with a written site assessment with recommendations for number and placement of (1) AEDs and (2) directional signs within 10 days of completion of site assessment.

#### B5 AED Site Assessment Survey - Existing Sites

a) As part of the Annual Inspection, the Offeror may conduct a brief site assessment to insure that (1) the AED is installed in the optimum location for visibility and accessibility, (2) the response time is within the American Heart Association guidelines, and (3) the installation is in compliance with Title II of the Americans with Disabilities Act (ADA).

b) The Offeror may provide the Participating Public Agency with a site assessment status report when the annual inspection report for that site is completed.

#### B6 Installation of AEDs and Cabinets

a) Installation of AEDs and cabinets may occur after the Participating Public Agency's Project Manager reviews and accepts the site assessment in writing.

b) The Offeror may coordinate installations with the Participating Public Agency's Project Manager and site staff.

c) AED cabinets and AEDs and parts and accessories may be supplied from the Participating Public Agency's stock.

d) AED cabinets may be mounted based on NFPA guidelines used for Fire Extinguishers: the forward reach range is 48" from floor to top of AED for an unobstructed approach. The maximum side reach approach for AED is 54". This height is to the handle of the AED, NOT the top of the cabinet.

e) When the optimal location for an AED cabinet is not compliant with Title II of the Americans with Disabilities Act (ADA), the Offeror will install remediation at the time of cabinet installation.

f) The Offeror may place the toll-free 24-hour telephone number(s) on the front of the AED cabinet and on the AED, with instructions to call if the AED is used.

g) The Offeror may place a projecting wall sign above the AED cabinet and other directional signs as required. Signs may be supplied from the Participating Public Agency's stock.

h) The Offeror may place a —PAD Program – AED Inside sticker on the outside of the public access door(s) of the site. Stickers may be supplied from the Participating Public Agency's stock.

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i) The Offeror may obtain a signed installation receipt from site staff, indicating the following have been delivered and installed:

- o AED(s)
- o Sign(s) and door sticker(s)
- o Set of two alarm keys per wall box
- o One Operator's Handbook per site
- o The Offeror may provide a copy of the signed installation receipt to the Participating Public Agency's Project Manager.

#### B7 Identification

a) Offeror employees/representatives are required to photo identification badges worn clearly visible above the waist at all times while work is being performed at the Participating Public Agency's facilities. Offeror employees/representatives who arrive at the Participating Public Agency's facility without appropriate identification badges may immediately be dismissed from the job site.

b) Offeror employees/representatives may report to the appropriate administrative office each time a site is visited. All Offeror employees/representatives may submit to —Criminal Historyll background checks prior to performing work under this contract, and at any time deemed necessary the Participating Public Agency. .

#### B8 Use of Premises

a) On or about the premises and adjacent areas, the Offeror may cause all apparatus, materials, and activities of personnel to be confined to the limits indicated by law, ordinances, permits and the directions of the Participating Public Agency's Representative, and may not encumber or permit the premises or adjacent areas to be encumbered with such materials or apparatus. The work site may be kept in such orderly fashion as may not duly interfere with the progress of the work or the work of any other Offeror.

b) Offeror personnel may be required to observe all rules and regulations prescribed by the Participating Public Agency. Tool control and accountability by the Offeror is of importance for security reasons.

c) The Offeror may be responsible for repairing or replacing any work damaged by their operations within 10 days after notification by the Participating Public Agency's Representative that damage has occurred.

d) It may be the responsibility of the Offeror to report, in writing, to the Participating Public Agency's Representative any damages found prior to any work at the site.

#### B9 Protection of Work and Property

a) The Offeror may at all times safely guard the Participating Public Agency's property from injury or losses in connection with this Contract.

b) The Offeror may at all times safely guard and protect their work and that of adjacent property (as provided by law and the contract documents) from damage.

c) The Offeror may replace or make good any such damage, loss or injury unless such be caused directly by errors contained in the contract documents or by the Participating Public Agency or by its duly authorized representatives.

#### B10 All Work Subject To Control of Participating Public Agency's Project Manager

a) In the performance of the work, the Offeror may abide by all orders, directions and requirements of the Participating Public Agency's Project Manager and may perform all work to the satisfaction of the Participating Public Agency's Project Manager and at such times and places, by such methods and in such manner and sequence as the Participating Public Agency's Project Manager may require.

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- b) The Participating Public Agency's Project Manager may determine the amount, quality, acceptability and fitness of all parts of the work, may interpret the plans, specifications, Contract Documents, and any extra work orders and may decide all other questions in connection with the work.
- c) The Offeror may employ no plans, equipment, materials, methods or persons to which the Participating Public Agency's Project Manager objects and may remove no plant, materials, equipment or other facilities from the site of the work without the Participating Public Agency's Project Manager's permission.
- d) The Participating Public Agency's Project Manager may confirm in writing, any oral order, direction, requirement or determination.

#### B11 Participating Public Agency's Project Manager's Control Not Limited

- a) The Participating Public Agency's Project Manager may control the work under the contract.
- b) The successful bidder may perform all the work to the complete satisfaction of the Participating Public Agency's Project Manager.

#### B12 Workmanship

- a) Only first-class work may be performed and all materials furnished in carrying out this contract may be of character and quality required by the specifications.
- b) Where no standard is specified, for such work or materials, they may be the best of their respective kinds.
- c) Any unsatisfactory work done or materials furnished at whatever time they may be discovered may be immediately removed and satisfactorily replaced by the Offeror when notified to do so by the Participating Public Agency's Project Manager.
- d) If the Offeror may neglect or refuse to remove such unsatisfactory work or materials within 48 hours after the receipt of the above mentioned notice, or if they may not make satisfactory progress in doing so, the Participating Public Agency's Project Manager may cause said work or materials to be removed and satisfactorily replaced by contract or otherwise and the expense thereof may be charged to the Offeror. Such expense may be deducted from any monies due or to become due the Offeror under the contract.
- e) Upon completion of the contract the entire work may be delivered to the Participating Public Agency perfect and complete in satisfactory working condition.

#### B13 Cleaning Up

- a) The Offeror may at all times keep the premises and adjacent areas free from accumulations of waste material or rubbish.
- b) At the completion of the work, the Offeror may cause to be removed from and about the premises and adjacent areas, all rubbish, tools used for work and surplus materials.
- c) In case of a dispute, the Participating Public Agency may remove rubbish or otherwise clean up, and may charge the Offeror either by deduction from amounts unpaid to the Offeror, or by other means with such cost as the Participating Public Agency's Project Manager may determine to be fair and equitable.

#### B14 Inspection

- a) All work and materials may be subject to a final inspection by an authorized representative of the Participating Public Agency.
- b) Any omission or failure on the part of the Participating Public Agency Representative to disapprove or reject inferior or defective work or materials may not be construed to be an acceptance of any such work or material.

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c) If any defective work or material is found during inspection, the Offeror may remove or repair, at its own expense, such defective work or material rejected and may rebuild and/or replace same without extra charge.

d) If the contract documents, the Participating Public Agency's or its agent's instructions, or laws, ordinances or regulations of any public authority require any work to be tested or approved, the Offeror may give the Participating Public Agency or its agent timely notice of its readiness for inspection by the proper authorities. If any such work may be covered up without approval or consent, it may, if required by the Participating Public Agency or its agent or other proper authorities, be uncovered for examination at Offeror's expense.

#### B15 Warranty

a) All work provided under this contract may have, as a minimum, a one year warranty from the date of final acceptance thereof and all materials may carry the full manufacturer's warranty against any latent defects, design, materials, workmanship, installation, fraud, or such gross mistakes, as may amount to fraud.

b) Offeror may submit documentation indicating the manufacturers' warranty on all materials provided if different than one year indicated above.

#### B16 Reports

a) Offeror may notify the Participating Public Agency with a written statement within 10 days of installation completion.

#### B17 Maintenance

a) The Offeror may propose a plan for maintenance, inspection, repair and replacement of all AEDs and parts and accessories, using parts and accessories from the Participating Public Agency's stock. The Offeror may propose a plan to update all AEDs to the most recent American Heart Association Guidelines for CPR & ECC.

#### B18 Recalls

a) The Offeror may propose a plan for the management of recalled equipment, using AEDs and parts and accessories from the Participating Public Agency's stock.

#### B19 Support

a) The Offeror may have in-house specialists available to answer equipment questions during the Participating Public Agency's normal business hours.

#### B20 Tracking

a) The Offeror may have in-house capability to track AEDs by serial number and location and to track the expiration dates of each AEDs' respective pads and batteries; the Participating Public Agency may provide the Offeror with current baseline information, if required.

b) The Offeror may provide the Participating Public Agency's Project Manager with a schedule of pad and battery replacement for AEDs by serial number and location, if requested; the Participating Public Agency may provide the Offeror with current baseline information, if required.

### RFP11-205753-10 **Attachment B Detailed Specifications for AED Categories**

#### B21 Maintenance

- a) The Offeror may provide maintenance, if required, for the Participating Public Agency's equipment.
- b) The Offeror may ensure that the AEDs and related equipment and accessories are always in proper working order and available for immediate use.
- c) The Offeror may train specified employees/volunteers to conduct required maintenance on the AED(s), if requested.

#### B22 Inspection

- a) The Offeror may conduct an on-site annual inspection of individual AEDs. The Offeror may (1) maintain a database with report capabilities of on-site annual inspections, indicating when and where inspections were conducted and by whom and (2) provide periodic status reports as requested.
- b) The Offeror may provide an AED Program Information sheet handout to each site during annual inspections.

#### B23 Service Calls

- a) The Offeror may provide on-site service to an AED within one business day at any location, if requested.
- b) The Offeror may come on-site within 24-hours to any facility that has faulty, damaged, inoperative or missing equipment and replace the inoperable AED, if requested. The Participating Public Agency may provide AEDs and parts and accessories from its stock.
- c) The Offeror may maintain an —800ll or local phone number, with 24/7 coverage, to provide service on any AED.
- d) The Offeror may (1) maintain a database with report capabilities of repairs, indicating when and where repairs were made and by whom and (2) provide periodic status reports as requested.

#### B24 Replacement of Pads and Batteries

- a) The Offeror may come on-site and replace AED batteries and pads prior to their expiration dates, if required. The Participating Public Agency may provide AEDs and parts and accessories from its stock.

#### B25 Coordination with Participating Public Agency's Project Manager

- a) The Offeror may keep the Participating Public Agency's Project Manager informed of anticipated needs for AEDs and parts and accessories so that the Participating Public Agency's Project Manager may obtain AEDs and parts and accessories without causing service interruption.
- b) The Offeror may coordinate with the Participating Public Agency's Project Manager the schedule of annual inspections and service calls.

#### B26 Physician Oversight – Medical Direction

- a) The Offeror may provide oversight by a licensed physician or medical authority to ensure a safe and effective AED program.

b) The Offeror may have in-house specialists available to answer general medical questions related to the use of the AED during the Participating Public Agency's normal business hours.

c) The Offeror may propose a plan to for the physician to provide (1) overall PAD Program quality assurance, (2) suggestions for overall PAD Program improvement, (3) post-event medical reporting, and (4) immediate recommendations for program improvement based on event response.

d) All program policy recommendations and post-event reports will be HIPAA compliant.

B27 Physician's Duties

- a) The physician may act as the PAD Program Medical Director.

- b) The physician's duties include, but are not limited to:
- Provide the prescription for use of the AED, as required by law.
  - Review all AED events and provide the Participating Public Agency's Project Manager a written report of each event within 10 business days of notification; the written report may include, at a minimum, (1) a plain language report of the medical event and (2) review of adherence to protocol.
  - Provide an annual report summarizing the previous year's activity, to include (1) HIPPA compliance, (2) quality assurance and suggestions for future improvement from the medical perspective, (3) summary of AED events, and (4) all physician activity related to the PAD Program.
  - Provide medical information for the Operator's Handbook.
  - Provide medical leadership and expertise for the PAD Program.
  - Work directly with the Participating Public Agency's Project Manager and with local EMS or other Participating Public Agency departments in an advisory capacity and as part of a team, if necessary.
  - Provide medical expertise to assist PAD Program planning and development, if required.
  - Act as a spokesperson regarding medical issues for the PAD Program, if necessary.
  - Review the Participating Public Agency defibrillation training program, as needed.
  - Assist with policy and protocol development, as needed.

#### B28 AED Event Data Collection and Report Management

- a) All data collection and transmission and post-event reports will be HIPAA compliant.
- b) Within 24 hours of notification of an AED event, the Offeror may:
- Come on-site to download cardiac rhythm data.
  - Come on-site to replace expended parts and accessories with parts and accessories from the Participating Public Agency's stock.
  - Submit data timely to the PAD Program physician (Medical Director) for the post-event written report; submit data timely to other designated appropriate parties.

### **PART C – TRAINING**

Certified training for employees, instructor-led or on-line

#### C1 Training

- a) The Offeror may:
- Offer American Heart Association Heartsaver Series (Adult CPR, AED) or equivalent American Red Cross or National Safety Council Course.
  - Offer traditional, instructor-led classroom instruction and/or on-line training or a combination of the two.
  - Provide authorized/approved manuals and appropriate written materials for all participants.
  - Provide cards or certificates of completion for all participants who complete the course satisfactorily.
  - NOT accept late arrivals (participants arriving 20 minutes or later after the start of class) into class.
  - Decontaminate all training equipment according to standards set by the Centers for Disease Control.

### **RFP11-205753-10 Attachment B Detailed Specifications for AED Categories**

- Specify the (1) employee to instructor ratio, (2) employee to training mannequin, and (3) employee to AED trainer ratio.

#### C2 Scheduling

- a) The Participating Public Agency's Project Manager may determine the number and location of classes to be taught.
- b) At no additional charge to the Participating Public Agency, the Offeror may:
  - Conduct training only at a Participating Public Agency site.
  - Provide classes in various locations.
  - Provide evening and weekend classes, if requested.
  - Accept notice of course cancellations at least 48 hours in advance of class.
  - Cancel or reschedule classes with little advance notice in accordance with existing policies regarding cancellations and late openings or liberal or administrative leave.

#### C3 Registration

- a) The Offeror may have the ability (1) to offer advance registration and (2) to know the confirmed number of participants 48 hours prior to each class.
- b) The Offeror may have in-house capability to track (1) classes, (2) student registration, and (3) individual student training expiration dates.

#### C4 Instructor Certification and Identification

- a) All instructors may be currently certified for the American Heart Association, American Red Cross or National Safety Council classes/training which they instruct.

b) All instructors may display an identification badge containing both company's and instructor's name.

**C5 Equipment and Materials to Be Provided By Offeror**

a) The Offeror may provide all materials and supplies to fulfill each course requirement.

b) The Offeror may supply each employee with manual, examination and certification card upon completion of each course.

c) The Offeror may distribute an AED Program Information sheet handout to each employee attending training.

**C6 Coordination with Participating Public Agency's Project Manager**

a) The Offeror may (1) coordinate class schedules with the Participating Public Agency's Project Manager; (2) maintain class rosters and individual certification records, and (3) provide the Participating Public Agency's Project Manager with periodic reports of training activity.

b) The Offeror may be required to assist the Participating Public Agency's Project Manager in publicizing class schedules.

**C7 Support**

a) The Offeror may have in-house specialists available to answer training questions during normal business hours.

**RFP11-205753-10 Attachment B Detailed Specifications for AED Categories**



## **PART D -- TECHNOLOGY SUPPORT**

Web-based management of equipment, service, and training

### **D1 Users**

- a) Permit multiple users, including on-site users.
- b) Assign and track on-site users by department and site location.

### **D3 Access**

- a) Provide unlimited, 24-hour a day access to all approved system users.

### **D4 Input user reports**

- a) Accept monthly inspection reports
- b) Accept annual inspection reports

### **D5 Data back-up**

- a) Deliver quarterly data back-up to the Participating Public Agency's Project Manager in database format, electronically on CD.

### **D6 Reporting**

- a) Offer unlimited report data management capabilities.

### **D7 Track AEDs**

- a) Track AEDs by (1) serial number, (2) location, and (3) the expiration dates of each AEDs respective pads and batteries.

### **D8 Training**

- a) Provide on-line advance training registration.
- b) Produce class rosters.
- c) Track training by (1) class, (2) date, (3) location, and (4) department.

### **D9 Emails**

- a) Send auto-email messages including, but not limited to:
  - o Monthly inspection reminders
  - o Monthly inspection non-compliance notices
  - o Annual inspection reminders Annual inspection completion
  - o Class reminder Class completion
  - o Class cancellation Service requests
  - o Pads and battery expiration