

Annex 1

N	Name of the product	Specification	Unit of measurement	Unit number
LOT- 1				
1	Fire Extinguisher System (Trainers Package) The	The digital fire extinguisher training system should produce self-generating flames and a laser extinguisher to teach trainees how to properly extinguish incipient stage fires. The simulator should have following options: Conical laser to replicate extinguisher discharge ;To Simulate class A, B and C fires at ten difficulty levels. The system should sense if the user is using the correct extinguisher, aiming and sweeping correctly, and if they are an effective distance from the base of the fire. The simulator set should include portable laser extinguishers (6 kg. Water/Powder and 2.5 kg CO2), standard remote, power supply cable, extinguisher caring case, Tablet control in a protective case with scenario customized add soster management software. Digital panel to display time of extinguishment . The simulator should have an option of record collection for training progress as well as easily export training records for sharing and creating certificates of completion.	EA	1
LOT- 2				
2	Portable Multigas Detector	Instrument shall be capable of measuring up to four gases: combustible gas, oxygen, CO and H2S. Gas Range :LEL 0-100% ; O2 0-30% vol; CO 0-1999 ppm ; Housing: Rugged rubberized armor; Audible alarm: >95 dB ; Visual alarm: 4 ultra-bright LEDs on top and bottom; Display: High-contrast LCD; Battery: Rechargeable li-polymer ; Instrument run time shall be 24 hours continuous running. Instrument shall be equipped with a rechargeable battery. Chargers shall be available for 110VAC/220VAC . In addition to standard diffusion mode, instrument must be available with external powered pump probe option. Instrument must be capable of sample draw from up to 50 feet (15.3 m) away. Instrument shall comply with: II 2G Ex ia d IIC T4 Gb, -40°C to +60°C, IP67	EA	1
3	CPR Manikin	A CPR rate monitor should providevisual feedback for compression rate. integrated device to hear an audible click when the chest is pushed to the appropriate depth. with option to gauge his or her rate and depth of compressions, and should allow the instructor to monitor several students quickly and easily. The manikins should also simulate the way a victim's head would move if CPR is required.	EA	1

4	Large EMS Duffle Kit	<p>Large EMS Duffle Should have an easily-accessible main compartment, ten inside pockets, four outside pockets and numerous elastic hold-downs. Removable padded insert to hold D size oxygen tank 1 Oxygen Cylinder D Tank, 1 Regulator (0-25 LPM); 1 Bag Valve Resuscitator (Adult); 1 Sodium Chloride Irrigation 500 ml; 1 Airway Kit, 1 Nasopharyngeal Airway 26 FR; 1 Nasopharyngeal Airway 28 FR; 1 Nasopharyngeal Airway 30 FR; 1 Nasopharyngeal Airway 32 FR; 1 Sphygmomanometer/Stethoscope Set (Adult); 1 Sphygmomanometer (Pediatric); 1 Utility Scissors 5.5"; 1 Penlight Flashlight; 4 Gloves; 1 pr Safety Glasses; 1 Face Mask; 3 Non-Rebreather O2 Masks (Adult); 2 Non-Rebreather O2 Masks (Pediatric); 3 Nasal Cannula (Adult); 1 Oxygen Tubing; 1 Oral Glucose Tube; 2 Multi-Trauma Dressings; 1 Sterile Burn Sheet; 6 Combine Dressings 5" x 9"; 15 Gauze Pads 4" x 4"; 10 Gauze Pads 2" x 2"; 2 Vaseline Dressing 4" x 4"; 60 Bandages Assorted (3/4" x 3", 1" x 3", 5/8" x 2-1/4"); 6 Roll Gauze 3"; Roll Gauze 4"; 1 Tape 1" x 10yds. 1 Tape 2" x 10yds. 1 Tape 3" x 10yds. 3 Triangular Bandages; 2 Biohazard Bags 10 Gallon; 3 Instant Cold Packs; 1 Obstetrical Kit; 1 Foil Baby Bunting; 2 Bulb Syringe; 1 Rescue Space Blanket; E813 Disposable Cuffed Masks (Adult); 2 Disposable Cuffed Masks (Child/Sm. Adult); 1 Flashlight; 1 Elastic Bandage 3"; 1 Elastic Bandage 4"; 1 Pressure Bandage Super Thick; 1 Pressure Bandage 4" x 4"</p>	EA	1
5	Powered Respirator	<p>The Powered Air-Purifying Respirator should be equiped with the motor blower, cartridges, and battery in a single hip-hugging design for lightweight comfort and fit. The low profile motor blower should offer optimal airflow through a crushproof breathing tube, the ergonomic battery pack should allow for free movement within confined spaces. The unit automatically should be adjusted flow rates for altitude via an internal pressure sensor, the design should permit fast, accurate change-out of cartridges, hoods and batteries. The standard kit/set should include motor blower, smart charger, standard battery, hose, and decon belt. Audible and visual alarms should indicate low flow indication and low battery voltage Standard: NIOSH USA</p>	EA	1
6	Tripod with rescue winch	<p>Min. 7 ft. (2.1 m) aluminum tripod with adjustable locking legs, safety chain, safety shoes, top pulley, quick-mount bracket and rescue winch. Shall conform to: EN795 Class B / BSEN795005.; Min. 7 ft. (2.1 m) aluminum tripod Telescoping adjustable locking legs; Built-in pulley system; Rubber safety shoes with spiked edges; Safety leg support chain; Integrated 5,000 lb. (2.5t) (22 kN) eyebolt anchor points; Quick connect winch/Self retracting lifeline mount bracket. mechanical winch/Self retracting lifeline device details: Manually operated winch; 120 ft. (36.5 m) of 3/16" (5mm) galvanized steel wire rope; 6:1 gear ratio mechanical advantage; Quick mount bracket; Free-wheel mode; Built-in fall protection; Overload clutch; Durable corrosion resistant construction; Level wind system; Reserve lifeline retention system; Swiveling snap hook with impact indicator</p>	EA	1

7	Noise Dosimeter	Portable Noise Dosimeter with USB Interface. , sound level monitoring should determine what protective measures are required. Dosimeter should be designed to test noise exposure and provide noise surveys for compliance with OSHA, MSHA, DOD, ACGIH, and ISO standards. Should Include PC software to control setup and retrieve stored events or analyze real-time measurements. Should be with belt clip, clip-on 0.5" (12.7mm) microphone with 32" (81.3cm) cable and windscreen, 9V battery, software, USB cable, and carrying case. Measuring frequency weighted noise exposure and peak (C, Z) sound level. Adjustable Criterion Level, Exchange Rate and ThresholdOne user-defined measurement setup Battery operated	EA	1
8	Fire Blanket	Fire Blanket with PVC Plastic Canister complete with mounting brackets. Finished bright red with white lettering. Blanket to be ejected at bottom when opened. Package Dimensions: DIAMETER: min 8" (20.3), HEIGHT: min 24" (61)	EA	2
9	Male mannequin for demo PPE vizualization	Male mannequin. Durable Plastic. Height: 70"-72" (1.77-1.83m), shoulder to shoulder width: 17"-19" (0.43-0.48 m) Chest/Bust: 36"-38" (0.91-0.96 m) . Waist: 29"-30" (0.73-0.76 m) Hips: 36"-38" (0.91-0.96 m). Head to rotate all the way around and arms to move up and down	EA	2
10	Female mannequin for demo PPE vizualization	Female mannequin. Durable Plastic. Height: 67"-69" (1.70-1.75 m). Width: 15"-16" (0.38-0.40 m) from shoulder to shoulder. Bust: 30"-32"(0.76-0.81 m), waist: 24"-26" (0.60-0.88 m), Hips: 34"-35" (0.86-0.88 m) Head to rotate and arms to move up and down	EA	2
11	Electrical Tester	Digital Multimeter AC Voltage Detector Portable Tester Meter with Backlight. The Electrical Testers should offer following functionality: Three ways to detect AC/DC voltage: light, sound, and vibration; functionality of a GFCI trip and continuity beeper. CAT IV 600 V, CAT III 1000 V rated; Standard NFPA 70E*	EA	2
12	Portable single gas detector (CO)	Portable Single Gas Detector; Gas Range ; CO 0-1999 ppm ; Housing: Polycarbonate with rubber overmolding; Equipped with visual, vibrating and audible alarms. Audible alarms sound at an average of 95 dB; Instrument must consist of bright flashing LEDs visible from front, top and sides. ; Operating Lifetime: Typical battery life is > one year installed. Sensors life is two years. Both the sensor and the battery must be replicable. Instrument shall be powered by a replaceable lithium battery. Instrument shall be rated to IP67 protection levels for dust/water ingress. The detector must meet approvals as per ATEXII2GEExiaIICT4 Operating Temperature Range: -20 to 50 °C	EA	2
13	Safety Glass (Clear)	Hard Coated, Anti Scratch & Anti UV Coating. Standard: EN 397, ANZI Z 87.1	EA	50
14	Safety Glass (Dark)	Hard Coated, Anti Scratch & Anti UV Coating. Standard: EN 397, ANZI Z 87.1	EA	50
15	Cut Resistant Gloves	Cut Resistant Glove. ANSI level 4 protection. The glove liner should give the wearer ANSI cut level 4 protection in a lightweight design. The glove should achieve an ANSI Abrasion level of 3	EA	3
16	Hard Hat	Polyethylene slotted hard Cap with self-adjusting crown straps. Compliance Standard: ANSI/ISEA Z89.1-2009 and CSA Z94.1-2005 standards.	EA	40
18	Fire Extinguisher (Carbon Dioxide)	Fire Extinguisher, Carbon Dioxide, Size: 10 LB (4,5-5 lt)	EA	2
19	Fire Extinguisher (Dry Chemical Powder)	Fire Extinguisher, Dry Chemical Powder, Size: 10 LB.(4,5-5lt) EA	EA	2
20	Fire Extinguisher (Foam)	Fire Extinguisher, Foam Type ,10 Liters.	EA	2
21	Fire Extinguisher (Water)	Fire Extinguisher, Water, Size: 10 Litres.	EA	2

22	Portable Micro Manometer with Flow Measurement	<p>Portable anemo-manometer with integrated pressure sensor. It should allow pressure and air velocity with a pitot tube. The functions should be velocity, airflow, pressure and air quality (CO/temperature). The unit should include full calibration certificate and soft transport case with a handle. The unit should also include a manufacturers certificate of conformance and a soft case. Pressure (5 interchangeable modules) ; 0 from ± 500 Pa; 0 from ± 2500 Pa; 0 from ± 10000 mmH₂O; 0 from ± 500 mBar; 0 from ± 2000 mBar; Pitot tube velocity : 2 from 100 m/s; Temperature; hermocouple K : -200 to +1300°C; Thermocouple J : -100 to +750°C; Thermocouple T : -200 to +400°C; Air quality ; CO / temperature probe : 0 to 500 ppm; -20°C to +80°C; CO₂ / temperature probe : ; 0 to 5000 ppm; -20°C to +80°C; CO₂ / temperature / hygrometry probe : 0 to 5000 ppm; -20°C to +80°C; 5 to 95%HR</p>	EA	2
23	Fall Arrestor 20ft.	<p>Min. 20 ft (6.1m) Self Retracting Lifeline with Steel Swiveling Snap Hook. Rugged and extremely lightweight thermoplastic housingBuilt-in carrying handle.Min. 20 ft. (6.1m) 7/32" (5.5mm) galvanized steel cable lifelineInternal and external energy absorption systemsSwiveling self-locking snap hook with impact indicatorReserve lifeline systemSwiveling anchorage pointHigh strength, corrosion resistant componentsSelf-locking anchorage carabiner. Standard: ANSI Z359.14</p>	EA	1
24	Vibration Meter	<p>Portable Vibration Meter; Minimum requirements: Whole body vibration to ISO 2631, EN/2002/44/EC; Hand Arm vibration to ISO 5349, EN/2002/44/EC; Building Vibration measurement to DIN 4150, ISO 2631, BS6472; Ship cabin vibration measurements to ISO 6954; Vibration measurements to ÖNORM S9012; Building vibration measurements to DIN4150-3, BS7385-1, ISO4866; General machine vibration - data logger; Min. 6 channels (Nor136) in whole body mode; Graphical and numerical display of all channels simultaneously; Supported by SD memory card; Complete range of accelerometers for HA and WB measurements; Multi language; Comment channel; Supporting IEPE and Charge accelerometers, AC and DC voltage sensors, passive geophones.</p>	EA	1
25	AED Trainer	<p>The AED Trainer should have all the functions needed to teach AED operation. It should offer bilingual scenarios, remote control, adult and child connectors and pads - all in a carrying case. should operate on AA batteries and should have an audio port for connecting speakers.</p>	EA	2
25	Inhalable Dust Sampler	<p>A reusable filter cassette with a sampling head, to measure the worker's exposure to inhalable particulates and respirable dust. When sampling at the recommended flow rate of 2 LPM, it should collect a particle size distribution that includes particles of 100 micron and smaller.</p>	EA	1