

**Pennsylvania State Police (PA)**  
CBRNE Special Response Unit

Qty	
1	<p><b>CHASSIS:</b></p> <ul style="list-style-type: none"> <li>• Current model year <i>Freightliner</i> M2 106 Conventional cab, 4X4. 26,000-lb. GVWR or approved equal with rear air ride suspension and air brakes.</li> </ul> <p><b>ENGINE:</b></p> <ul style="list-style-type: none"> <li>• <i>CUM</i> ISL-270 HP @ 2200 RPM, 2200 GOV, 800 LB/FT @ 1300 RPM or approved equal</li> </ul> <p><b>ENGINE EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>• 12v 200 amp 4940 pad mount alternator</li> <li>• (2) 12V PC2150 Odyssey (AGM) batteries with battery manufacturer's warranty</li> <li>• Single battery box frame mounted LH side under cab</li> <li>• 18.7 cfm air compressor with internal safety valve</li> <li>• GVG, fire and emergency service vehicles engine warning</li> <li>• <i>Cummins</i> exhaust brake integral with variable geometry turbo with on/off dash switch</li> <li>• 12' - 6" Exhaust system height</li> <li>• RH curved vertical tailpipe b-pillar mounted routed from step</li> <li>• 6 Gallon diesel exhaust fluid tank</li> <li>• Antifreeze to -34f, oat (nitrite and silicate free) extended life coolant</li> <li>• Gates blue stripe coolant hoses or equivalent</li> <li>• 1000 watt/115 volt block heater</li> </ul> <p><b>TRANSMISSION:</b></p> <ul style="list-style-type: none"> <li>• <i>Allison</i> 3000 EVS automatic transmission or approved equal with PTO provision I</li> </ul> <p><b>TRANSMISSION EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>• Magnetic plugs, engine drain, transmission drain, axle(s) fill and drain</li> <li>• Push button electronic shift control, dash mounted</li> <li>• Water to oil transmission cooler, in radiator end tank</li> <li>• Transmission oil check and fill with electronic oil level check</li> <li>• Synthetic transmission fluid</li> </ul> <p><b>FRONT AXLE AND EQUIPMENT:</b></p> <ul style="list-style-type: none"> <li>• 10,000# Drop single front axle</li> <li>• 4.56 Front axle ratio</li> <li>• 16.5X5 Q+ MX drive axle cast spider heavy duty cam front brakes</li> <li>• Fire and emergency severe service, non-asbestos front lining</li> <li>• Cast iron front brake drums</li> <li>• Automatic front slack adjusters</li> <li>• TRW THP-60 power steering</li> <li>• Synthetic 75w-90 front axle lube</li> </ul> <p><b>FRONT SUSPENSION:</b></p> <ul style="list-style-type: none"> <li>• 10,000# Taperleaf front suspension</li> <li>• Front shock absorbers</li> </ul>

Qty	
	<p><u>REAR AXLE EQUIPMENT:</u></p> <ul style="list-style-type: none"> <li>• 17,500# R-series single rear axle or approved equal</li> <li>• 4.56 rear axle ratio</li> <li>• 16.5x7 Q+ cast spider cam rear brakes, double anchor, fabricated shoes</li> <li>• Fire and emergency severe service non-asbestos rear brake lining</li> <li>• Cast iron rear brake drums</li> <li>• Automatic rear slack adjusters</li> <li>• Scotseal plus XL rear oil seals</li> <li>• Synthetic 75w-90 rear axle lube</li> </ul> <p><u>REAR SUSPENSION:</u></p> <ul style="list-style-type: none"> <li>• Airliner 16,000# Rear suspension or approved equal</li> <li>• Airliner high position ride height</li> <li>• Manual dump valve for air suspension, without gauge</li> <li>• Dual air rear suspension leveling valves</li> </ul>
	<p><u>BRAKE SYSTEM:</u></p> <ul style="list-style-type: none"> <li>• Air brake package</li> <li>• 4S/4M ABS without traction control</li> <li>• BW AD-9SI brake line air dryer with heater</li> <li>• Air dryer frame mounted</li> <li>• Steel air brake reservoirs</li> <li>• Pull cable on wet tank, petcock drain valves on all other air tanks</li> </ul> <p><u>FRAME:</u></p> <ul style="list-style-type: none"> <li>• 11/32x3-1/2x10-3/16 Inch steel frame (8.73mmx258.8mm/0.344x10.19 inch) 120ksi</li> </ul> <p><u>CHASSIS EQUIPMENT:</u></p> <ul style="list-style-type: none"> <li>• Three-piece 14 inch chromed steel bumper with collapsible ends</li> <li>• Front tow hooks - frame mounted</li> <li>• Bumper mounting for single license plate</li> </ul> <p><u>FUEL TANKS:</u></p> <ul style="list-style-type: none"> <li>• 50 Gallon/189 liter short rectangular aluminum fuel tank - LH</li> <li>• Plain aluminum/painted steel fuel/hydraulic tank(s) with painted bands</li> <li>• Fuel tank(s) forward</li> <li>• Plain step finish</li> <li>• Fuel filter/water separator</li> <li>• Auxiliary fuel supply and /return ports</li> </ul>

Qty	
	<ul style="list-style-type: none"> <li>• High temperature reinforced nylon fuel line</li> <li>• <i>Length of auxiliary pickup tubes (generators, furnaces etc.) shall prevent these devices from using more than 75% of vehicle's fuel tank capacity</i></li> </ul> <p><u>TIRES:</u></p> <ul style="list-style-type: none"> <li>• <i>Michelin XZE2 275/80R22.5 14 ply radial front tires or approved equal</i></li> <li>• <i>Michelin XDE M/S 275/80R22.5 14 ply radial rear tires or approved equal</i></li> </ul> <p><u>WHEELS:</u></p> <ul style="list-style-type: none"> <li>• <i>Accuride Accu-lite 50408 22.5x8.25 10-hub pilot 6.16 inset 2-hand steel disc front wheels or approved equal</i></li> <li>• <i>Accuride Accu-lite 50408 22.5x8.25 10-hub pilot 2-hand steel disc rear wheels or approved equal</i></li> </ul> <p><u>CAB EXTERIOR:</u></p> <ul style="list-style-type: none"> <li>• 106 inch BBC flat roof aluminum conventional cab or approved equal</li> <li>• Leaf spring rear cab suspension</li> <li>• Nonremovable bugscreen mounted behind grille</li> <li>• LH and RH exterior grab handles</li> <li>• Hood mounted chrome plastic grille</li> <li>• Door locks and ignition switch keyed the same</li> </ul>
	<ul style="list-style-type: none"> <li>• Dual west coast bright finish heated mirrors with LH and RH remote door mounted mirrors</li> <li>• LH and RH 8" bright finish convex mirrors mounted under primary mirrors</li> <li>• Omit rear window</li> <li>• Tinted door glass LH and RH with tinted non-operating wing windows</li> <li>• RH and LH Electric powered windows</li> <li>• Tinted windshield</li> </ul> <p><u>CAB INTERIOR:</u></p> <ul style="list-style-type: none"> <li>• Opal gray vinyl interior</li> <li>• Molded plastic door panel without vinyl insert with aluminum kickplate lower door</li> <li>• Black vinyl mats with insulation</li> <li>• Heater, defroster and air conditioner</li> <li>• Heavy duty air conditioner compressor</li> <li>• Solid-state circuit protection and fuses</li> <li>• Dome door activated LH and RH, dual reading lights, forward cab roof</li> <li>• LH and RH Electric door locks</li> <li>• (1) 12 volt power supply in dash</li> <li>• Bostrom T905 high back air suspension driver seat, NFPA compliant</li> <li>• Bostrom T905 high back air suspension passenger seat, NFPA compliant</li> </ul>

Qty	
	<ul style="list-style-type: none"> <li>• Dual driver and passenger seat armrests, LH and RH integral door panel armrests</li> <li>• Gray mordura cloth driver seat cover</li> <li>• Gray mordura cloth passenger seat cover</li> <li>• 3 Point high visibility orange retractor driver and passenger seat belts</li> <li>• Fixed steering column</li> </ul> <p><u>INSTRUMENTS &amp; CONTROLS:</u></p> <ul style="list-style-type: none"> <li>• 87 DB to 112 DB Automatic self-adjusting backup alarm</li> <li>• Electronic cruise control with switches in LH switch panel</li> <li>• ICU3S, 132X48 Display with diagnostics, 28 led warning lamps and data linked</li> <li>• Programmable rpm control - electronic engine</li> <li>• Electrical engine coolant temperature gauge</li> <li>• Engine and trip hour meters integral within driver display</li> <li>• Electric engine oil pressure gauge</li> <li>• AM/FM/WB Radio with cd player, bluetooth and microphone, USB, front and rear auxiliary inputs and J1939, (2) Radio speakers in cab</li> <li>• AM/FM Antenna mounted on forward LH roof</li> <li>• Electronic mph speedometer with secondary kph scale, without odometer</li> <li>• Electronic 3000 rpm tachometer</li> <li>• Idle limiter, electronic engine</li> <li>• Digital voltage display integral with driver display</li> </ul>
	<p><u>CHASSIS WARRANTY:</u></p> <ul style="list-style-type: none"> <li>• Two (2)-year/unlimited miles chassis warranty.</li> <li>• Two (2)-year/250,000 mile engine warranty.</li> <li>• Five (5)-year/unlimited miles transmission warranty.</li> </ul>
1	Block heater shall be operated through Vehicle Automation System which allows power to be supplied by generator or shore power.
1	DOT triangle reflector kit with three (3) triangles.
1	Stainless steel wheel liners with braided stainless steel valve stem extenders.
1	Pair of rubber wheel chocks with rope handle.
1	ONSPOT (12 chain) automatic tire chain system.
	<u>BODY:</u>
1	<ul style="list-style-type: none"> <li>• Load space area shall be 83" high x 93" wide x 20' long custom all aluminum dry van body with the following:</li> <li>• One (1) 32" wide x 82" high 0.125" aluminum sedan door. Door skin shall be chemically bonded to door frame structure and have a 21.5" wide x 25.5" high fixed upper window, No mini blind. Door shall have continuous stainless steel piano hinge, two (2) nylon door straps and an aluminum drip rail.</li> <li>• Sedan door shall have a 0.125" aluminum tread plate step well.</li> <li>• Sedan door shall have polished aluminum Tri-mark flush mounted locking hardware with self-aligning rotary latch and matching key locks. Outside door handles not to exceed 50" from ground.</li> <li>• Aluminum alloy double H wall beam, 6005-T5 alloy, 3" x 3" wide x 0.125 wall thickness. Studs feature machined wire pass-throughs, and raised adhesive control features on base.</li> <li>• Double H wall beams shall be chemically bonded to sidewalls eliminating the need for additional rivets. Buck-rivets will be used to fasten the top, bottom and rub rail.</li> <li>• Body shall have 0.125" strain-hardened aluminum alloy 5052-H36 side panels. The upper panels shall be free of rivets allowing for smooth graphics application.</li> </ul>

Qty	
	<ul style="list-style-type: none"> <li>• Skirt supports, 1.5 x 1.5 x 0.125 angle to reinforce skirt edge and hold bottom edge in a straight line. 0.188 x 1.00" flat braces placed at 4' intervals and riveted to lower wall angle and floor to maintain sidewall skirt rigidity.</li> <li>• Fender flares, 1.38" x 2.25" x 0.090" roll formed and radiused 5052-H32 aluminum sheet, mechanically fastened to wheel opening. Edges sealed against moisture.</li> <li>• NFPA 1901 embossed 0.125" aluminum tread plate roof attached to 3" x 1 1/2" x 0.125 extruded aluminum roof bows on 16" centers. Bows are 2" skip welded every 12" Tread plate seams to be continuous welded. Perimeter of roof shall be chemically sealed.</li> <li>• Extruded aluminum floor with interlocking planks, 1.88" high x various widths, 0.125" top surface. 6005-T5 alloy and temper. Heavy-duty thick-wall extruded planks fore and aft of all floor cutouts and every 5th plank in all other areas. Planks made of 6005-t5 alloy and temper, 0.250" thick top surface.</li> </ul>
	<ul style="list-style-type: none"> <li>• Full width aluminum rear bumper painted to match the body.</li> <li>• Full length skirting. Skirt shall extend 23" down from the bottom of floor extrusions.</li> <li>• All clearance and side marker lights to be LED.</li> <li>• Standard structural warranty of 5 years or 50,000 miles and standard component warranty of 12 months or 12,000 miles.</li> </ul>
	Modify rear bumper to have cut out for winch receiver.
1	<p>Fiberglass molded cab roof walk through access from cab to body, finished with fabric/carpet that matches cab interior. Rubber boot shall be Ethylene-Propylene-Diene-Monomel (EPDM) with the following attributes.</p> <ul style="list-style-type: none"> <li>• Durometer (Hardness) 40 +/-5 Shore A</li> <li>• Tenile strength 1,500 PSI (Min.)</li> <li>• Elongation 500% (Min.)</li> <li>• High temp range 250°F</li> <li>• Low temp brittle point -50°F</li> <li>• Fiberglass dome</li> </ul> <p>Five year warranty on the rubber boot. (No exceptions)</p>
1	Heavy-duty fluted aluminum grab handle with rubber inserts and chrome plated stanchions installed at exterior entry door location.
1	Heavy-duty fluted aluminum grab handle with rubber inserts and chrome plated stanchions installed inside entry door.
1	Custom fabricated door holder, manually operated to hold door in fixed open position, with swivel base NPR-15-010. Located at side load space door.
1	Automatic LED courtesy light at side entry door.
1	Courtesy light defeat shall be operated through Vehicle Automation System
1	<p><i>Kwikkee</i> Series 32 (or approved equal) dual 24" wide automatic electric steel entry steps with NFPA 1901 approved embossed aluminum tread plate step covers. Product features:</p> <ul style="list-style-type: none"> <li>• 24" wide tread</li> <li>• Door switch extends step when door is opened, retracts step when door is closed</li> <li>• Power switch locks step in extended position</li> <li>• Ignition override retracts step when ignition is turned on</li> <li>• "Last out" feature extends step when the door is opened</li> </ul>
1	<i>Trimark</i> or approved equal keyless entry with remote radio frequency (RF) transmitter fob, externally mounted keypad and lock actuator for load space entry door. This will allow entry without a key by pressing the button on a key fob or pressing a programmed code on the keypad located next to load space door.
2	<i>Whelen</i> PLAST4V (or approved equal) polished chrome vertical housings for four 600 series light heads.

Qty	
2	Whelen 600 series LED amber turn signal light heads or approved equal with populated arrow shape and multiple flash patterns, model number 60A00TAR (or current model).
2	Whelen 600 series LED red brake/tail light heads, model number 60R00BRR (or approved equal).
2	Whelen 600 series LED Back-up light heads, model number 60C00VCR (or approved equal).
1	Entire underside of the apparatus shall be undercoated. Includes chassis, floor extrusions, step wells and aluminum compartments. The rust proofing shall be applied in compliance with Federal Standard 297A. A warranty coupon for five years shall be furnished with vehicle at no cost to the Commonwealth or the five year warranty must be covered in the standard warranty.
1	Rear mud flaps with anti-sail brackets.
1	Superwinch® 9,000 lb. capacity electric winch model EPi 9.0 (or approved equal). Winch can be receiver mounted and operable from front or rear receiver hitch. Product features: <ul style="list-style-type: none"> <li>• Powers Load IN and OUT</li> <li>• Automatic Load Holding Brake</li> <li>• Durable Handheld Remote Switch on 15' Lead</li> <li>• Heavy Duty Roller Fairlead -- Roller fairlead does not attach directly to the winch</li> <li>• Efficient 4.6 hp Series Wound Motor</li> </ul> Note: Stores in street side roll-up compartment.
1	Cradle for Superwinch epi9.0 #14300008 (or approved equal).
1	Rear harness for Superwinch epi9.0.
1	Front harness for Superwinch epi9.0.
1	Custom fabricated 2" hitch receiver assembly. Located below front bumper for winch.
1	Custom fabricated 2" hitch receiver assembly. Located below rear bumper for winch.
	<u>PAINT:</u>
1	Cab and body color shall be white.
	<u>INDEPENDENCE ONYX INTERIOR or approved equal:</u> <ul style="list-style-type: none"> <li>• Wall Covering Silver Smooth FRP</li> <li>• Ceiling Fabric: Silver Haze</li> <li>• Floor Covering: Onyx PVC Flooring</li> <li>• Office Chairs: Black</li> <li>• Vinyl Coverings: Whisper Black</li> <li>• Cabinets: Black Powder Coated Aluminum</li> <li>• Counters and Tables: Mystique Night Chemical Resistant Laminate</li> </ul>
	<u>DRIVER/PASSENGER CAB AREA:</u>
1	Zone Defense color back up camera system with 7" LCD monitor with day/night camera or approved
1	Custom fabricated aluminum console in cab. Console to have space for future expansion and to be powder coated black.
	<ul style="list-style-type: none"> <li>• Vehicle height sign on dash.</li> <li>• Vehicle shall have a Final Stage Vehicle Certification and Altered Vehicle Certification as required by Federal Motor Vehicle Safety Standards (FMVSS) 49 CFR Part 567.5 and 567.7</li> <li>• Payload sticker in cab area with vehicle axle load ratings and available axle payload as built.</li> </ul>
1	Mini high-intensity work light with 18" gooseneck and dimmer control.
2	ABS cup holder in front console.
1	Grover 1601 dual trumpet air horns or approved equal mounted above the street side driver door, with driver actuated foot switch.
1	Additional foot switch located Passenger side.

Qty	
1	<p>Blackout curtain divider between cab and load space of vehicle.</p> <p>Curtain specs:</p> <ul style="list-style-type: none"> <li>• Black woven fabric made of pigmented and acrylic top coated 45% polyester / 55% cotton fabric</li> <li>• Tensile Strength: 283 lbs. x 214 lbs.</li> <li>• Manufacturer's 5-year warranty</li> <li>• Seams shall be double stitch/single fold with 1" nickel plated snap fasteners</li> <li>• Meets California State Fire Marshall requirements for flame retardancy - Title 19, CPAI-84 (Section 6), and FMVSS-302</li> </ul> <p>Note: Curtain shall be attached with the use of snaps and roll up with Velcro sewn to each side.</p>
1	Door ajar warning alert through Vehicle Automation System
	Door ajar contact/magnet installed for all entry and compartment doors.
	<u>WALLS, CEILING AND FLOOR:</u>
	Insulate walls with a minimum of 2-1/2" of fiberglass with an R-11 rating. Cover interior body side posts with 1/2" plywood sub wall, structural plywood sub wall, Exposure 1-APA, 5 ply, face veneer plugged and sanded. Meets California Air Resources Board (CARB) phase 2 requirements.
	Cover sub wall with smooth finish <i>Kemlite</i> 0.075" fiberglass reinforced plastic (FRP) lining or approved equal. Wall covering shall be a continuous piece front to back, no seams acceptable.
	Floor underlayment to be 5/8" exterior grade tongue and groove structural plywood, Exposure 1-APA, 6 ply, face veneer plugged and sanded. Meets California Air Resources Board (CARB) phase 2 requirements.
	<i>Lonseal</i> Loncoin II Flecks or approved equal 150 Onyx non-skid commercial grade PVC flooring. The flooring shall be continuous, one piece full length, full width, no seams.
	2-1/2" vinyl cove molding as required (mop board).
	Insulate ceiling with a minimum of 2-1/2" of fiberglass with an R-11 rating. Cover interior body side posts with 1/2" plywood sub wall, structural plywood sub wall, Exposure 1-APA, 5 ply, face veneer plugged and sanded. Meets California Air Resources Board (CARB) phase 2 requirements.
	Cover sub ceiling with <i>Kemlite</i> 0.075" fiberglass reinforced plastic (FRP) lining or approved equal. Ceiling covering shall be a continuous piece front to back, no seams acceptable.
2	Overhead 10' fluted aluminum grab rail with rubber inserts and chrome plated stanchions.
	All bulkheads shall be covered with <i>Kemlite</i> 0.075" FRP or approved equal and trimmed out with anodized aluminum U
1	Cover load space door with black powder coated aluminum panel, install 10" high 0.100" bright aluminum tread plate kick plate at bottom of door and heavy-duty rubber grab handle.
1	Add tinting to load space entry door. (LIMO-TINT)
	<u>GALLEY:</u>
1	<p>Magic Chef 1.1 Cu. Ft microwave or approved equal.</p> <ul style="list-style-type: none"> <li>• Black</li> <li>• 1000 watts</li> </ul>

Qty	
1	<p><i>DeLonghi</i> DCF2210TTC (or approved equal) coffee maker.</p> <ul style="list-style-type: none"> <li>• Color: Black</li> <li>• 10 cup brewing capacity</li> <li>• Easily fill the water tank and ground coffee filter without moving the unit</li> <li>• 24 hour programmable digital timer with 2 hour automatic shut-off</li> <li>• Dimensions: 13 2/5"(H) x 10 1/25"(W) x 13 2/5"(D)</li> <li>• Water level indicator lets you know when the unit needs refilling</li> <li>• Double-wall thermal carafe features unique vacuum-sealed design that retains heat, to keep coffee hot for hours</li> </ul>
1	<p><i>Norcold</i> model DE0751 (or approved equal) 12 / 24 VDC / 120VAC refrigerator with the following features:</p> <ul style="list-style-type: none"> <li>• 2.7 cu. ft. capacity.</li> <li>• Freezer shelf for ice cube tray.</li> <li>• Two door bins; lower bin holds 2-liter containers.</li> <li>• Integrated door latch.</li> </ul>
1	<p>Plumbed exterior decontaminate shower and sink system w/ heat and 100 gal. Fresh water tank Includes:</p> <ul style="list-style-type: none"> <li>• Exterior galley stainless steel sink.</li> <li>• Five-gallon gray water catching system installed below sink. Spare hose for optional sink drainage.</li> <li>• Fresh water level monitored through Vehicle Automation System</li> <li>• Fresh water 100 Gal tank</li> <li>• Plumbing pressure pipes shall be PEX tubing.</li> <li>• Fresh water tank to be heated and all plumbing insulated and wrapped with heat tape.</li> <li>• Regulated city water fill so that tank can be filled using city water when available.</li> <li>• Drain for fresh water tank to be located under the truck.</li> <li>• Guardian Equipment Emergency shower G1643 (or approved equal) in exterior compartment.</li> <li>• Guardian Eye Wash/Drench Hose unit G5046 with mounting bracket in exterior compartment.</li> <li>• Automatic mixing valve</li> <li>• Headhunter Mach 5 20gpm pump #35060053 or approved equal</li> </ul> <p>NOTE: NO WINTERIZING DUE TO EYE WASH STATION</p>

Qty	
1	<p><i>International Thermo Research</i> Oasis Combi diesel hydronic heating system or approved equal. Provides heat for loadspace and water system. Thermostat settings operated from Vehicle Automation System and Includes:</p> <ul style="list-style-type: none"> <li>• Oasis Combi diesel heater 5000 (or approved equal) Exhaust shall be routed to the street side.</li> <li>• Two (2) Cabin defrost heaters with 3 speed fan #22040112 (or approved equal ). Face plates as required. Thermostat settings operated from Vehicle Automation System touch pad located in cab and in load space includes individual fan speed control. Exhaust shall be routed to the street side.</li> <li>• One (1) Threaded Muffler 2" CRS 18"</li> <li>• One (1) Threaded 90 Degree Exhaust Elbow</li> <li>• One (1) Exhaust Pipe Nipple 3"</li> <li>• One (1) Exhaust Collar</li> <li>• Two (2) Fan Switch Hi-Lo-Off 1 Fan 12Volt 3-Position</li> <li>• One (1) Cabin Fan</li> <li>• One (1) Aquastat, lower bay</li> <li>• Two (2) Fan Switches Hi-Lo-Off 1 fan 12Vpolt 3-position</li> <li>• Face plate grills as needed</li> <li>• One (1) Fuel filter, gar-ber spin on fuel filter assembly</li> <li>• One (1) Fuel filter cartridge only</li> <li>• One (1) Fuel bleeder/shut off valves 2051,</li> <li>• Necessary fittings for installation</li> </ul>
1	<p><i>Bobrick</i> B-4112 (or approved equal) satin-finish stainless steel soap dispenser. Located in exterior compartment</p>
	<p><u>SEATING:</u></p>
	<p>Fabricate and install fixed bench seating with removable cushions. Bench seat cushions shall be covered in heavy-duty vinyl. ~ Color Whisper Black or approved equal</p>
	<p><u>BENCH SEAT REQUIREMENTS:</u></p> <ul style="list-style-type: none"> <li>• Foam for seat backs and bottoms shall be firm density</li> <li>• All bench seating material must meet Federal Motor Vehicle Safety Standards part 571.302 Flammability of Interior Materials.</li> <li>• Material corners shall be squared or angled to fit precise cut of foam.</li> <li>• Foam shall be bonded to plywood backer with industrial grade adhesive.</li> <li>• Stapling of fabric/vinyl to backer with industrial grade upholstery staples.</li> </ul>
	<p><u>CABINETS:</u> ~ Color Black</p>
	<p>Custom fabricated aluminum cabinets. Cabinet specifications:</p> <ul style="list-style-type: none"> <li>• Base cabinets constructed of 0.080" powder coated aluminum with anodized aluminum frames.</li> <li>• Base cabinet doors are double shell, formed from a single sheet of 0.080" aluminum, with a 0.040" aluminum door back attached.</li> <li>• Overhead cabinets constructed of 0.064" powder coated aluminum with anodized aluminum frames.</li> <li>• Overhead cabinet doors are double shell, formed from a single sheet of 0.064" aluminum, with a 0.040" aluminum door back attached.</li> <li>• Overhead cabinet doors swing up on a full-length aluminum hinge, and are held open with a locking door stay.</li> <li>• Overhead cabinets to have one adjustable shelf per door (24" high and taller cabinets only) - locked in place to your selected height. Shelves are formed from a single sheet of 0.064" mill finish aluminum, with 1 1/8" hemmed edges.</li> </ul> <p>Note: No shelves in the curb side cabinets.</p>

Qty	
12	Dry erase writing surface on overhead cabinet doors.
12	Gas shock lift supports on overhead cabinet doors.
1	LED strip light under overhead cabinet, installed with rocker switch
	Countertops shall be covered in 0.040" Chemical Resistant Laminate. ~ Color Mystique Night. All exposed edges shall be covered with heavy duty flexible PVC T-molding.
	Custom Drop down Counter 0.040" Chemical Resistant Laminate ~ Color Mystique Night. All exposed edges shall be covered with heavy duty flexible PVC T-molding.
	Closet shelves shall be infinitely adjustable using mini B-line track and hardware.
1	FRP shelf with 2" lip, located in the galley cabinet.
3	Adjustable aluminum box pan shelves.
	<i>Dri-Dek</i> matting on shelves.
1	Satin anodized aluminum finish roll up door with manual key lock for weapons cabinet.
1	60" LED roll up compartment strip light.
	Weapons storage cabinet includes storage and tie down strap for (1) ballistic shield.
1	Custom fabricated aluminum framed dry erase marker board with pin strip.
1	Wall mounted dry erase marker caddy kit. Location to be determined.
1	Custom mesh cargo netting with thumb-lock fasteners.
	<u>HVAC SYSTEM:</u>
1	<i>Fan-tastic Vent</i> model 4000 R (or approved equal) 3-speed reversible 12" power roof ventilator.
2	<i>Coleman</i> Polar Mach 8 series or approved equal low profile air conditioner with thermostat settings operated from Vehicle Automation System touch pad located in cab and in load space. Includes: <ul style="list-style-type: none"> <li>• 13,500 nominal BTU air conditioner with condensate pump.</li> <li>• Ceiling Assembly</li> </ul>
1	<i>Broan</i> model 112 or approved equal kick space mount 5,120 Btu/hr electric heater. On/Off and thermostat settings operated from Vehicle Automation System touch pad located in cab and in load space.
	<u>120/240VAC ELECTRICAL SYSTEM:</u>
1	<i>Onan</i> Commercial Quiet Diesel 12-kW generator model 12.0HDKCD-2209 (or approved equal) mounted in custom fabricated all aluminum compartment. Generator features: <ul style="list-style-type: none"> <li>• Computer-controlled constant speed operation</li> <li>• Unique sound-controlled housing encloses cooling system and muffler (69 dB(A) @ full load measured at 10 feet)</li> <li>• Three-point, fully focalized internal mounting system</li> <li>• Service and maintenance points accessible through easy-latch side service door</li> <li>• High quality, pure sine wave electrical output maximizes sensitive equipment performance</li> <li>• Typical Gal/hr fuel consumption: No load = 0.11, Half load = 0.48, Full load = 1.20</li> </ul>
	Compartment shall be constructed to the following specifications: <ul style="list-style-type: none"> <li>• Compartment shall be constructed from 0.187" aluminum with all welded seams.</li> <li>• Compartment shall have 0.125" aluminum 2" box pan doors and 0.125" aluminum frames.</li> <li>• Door frames shall be riveted to the body and welded to the compartments.</li> <li>• Doors shall have stainless steel hinges attached to the doors and door frames with stainless machine screws.</li> <li>• Doors shall have slam latches and flush mounted handles.</li> <li>• Doors shall have 0.100" aluminum treadplate panels on interior surfaces.</li> <li>• Doors shall be held open in a 90° position with gas charged lift/support cylinders.</li> <li>• Doors shall be sealed with industrial grade neoprene gasket.</li> </ul>
1	Generator exhaust routed to roof.

Qty	
1	<p>ACData AC2060 Whole House Surge Suppressors or approved equal protection for entire AC power system.</p> <p>Product features:</p> <ul style="list-style-type: none"> <li>• UL US listed: UL1449 3rd Edition</li> <li>• NEMA 4 plastic enclosure: 5.14"(H) x 4.00"(W) x 2.45"(D)</li> </ul>
1	<p><u>Vehicle Automation System</u></p> <p>None of the below components and systems may be proprietary. Include photos of touch screen control panels with bid response. No exceptions to any of the Vehicle Automation System requirements.</p> <p>A custom-programmed Vehicle Automation System must be incorporated using a common touch screen with the ability to monitor and control strategic on board systems. Each vehicle is custom programmed with features to suit the particular application, and the software can be updated at no cost to the agency. This software simultaneously allows distribution of information to multiple onboard control/monitoring stations. This system is required as it simplifies start up procedures and reduces start-up time, contains fewer operating components, reduces the total amount of wiring in the vehicle, and includes error detection protocols and built-in troubleshooting features.</p> <p>The Vehicle Automation System includes custom-programmed automated vehicle deployment and vehicle shutdown processes which place the vehicle in a ready-to-use, or ready-to-travel condition. Power systems are automatically started and HVAC system engaged to control temperature. Equipment is deployed or stowed in the appropriate order, automatically when safe to do so. Operator action is prompted when required for safety, and steps are performed simultaneously when possible. The result is less time and training required for vehicle setup and teardown and more operational readiness.</p>

Qty	
	<p>Standard Vehicle Automation System features include:</p> <ul style="list-style-type: none"> <li>• Two (2), 10" LCD touch screens with custom graphics to provide intuitive control and monitoring at separate control stations</li> <li>• Touch pads with custom graphics for local control of HVAC and lighting in center rooms and exterior as applicable.</li> <li>• AC power distribution control and monitoring for the generator and shore power with power management. This includes voltage monitoring to ensure proper power is applied to vehicle equipment.</li> <li>• DC power distribution control and monitoring of all battery banks</li> <li>• Electronic overcurrent protection for DC loads with trip monitoring (not fuses)</li> <li>• Manual or automatic generator control, including Battery Tend mode which starts the generator automatically when battery voltage falls below a user adjustable setpoint.</li> <li>• HVAC thermostatic temperature control in each section of the truck from any touchscreen or local touch pad. Includes an auto mode which applies heating or cooling automatically to maintain room temperature depending on current conditions.</li> <li>• Lighting power and mode control for each section of vehicle.</li> <li>• Automatic courtesy light defeat feature that prevents step lights from turning on with door opening if the room lights are in night mode.</li> <li>• Automatic power transfer switching</li> <li>• Seamless and intuitive control of generators, lighting, awnings, masts, and additional devices</li> <li>• Safety interlocks which alert the driver to deployed devices and prevent engine from being started unless manually overridden by the user.</li> <li>• Multiple backup operating modes to ensure equipment control and availability.</li> <li>• System status indications for easy troubleshooting.</li> </ul>

Qty	
	<p>Additional Vehicle Automation System features include:</p> <ul style="list-style-type: none"> <li>• Overhead lighting day/reduced/night modes.</li> <li>• Storage Mode configuration to ensure vehicle readiness by maintaining power, temperature, and any other desired conditions. Batteries are maintained at full charge. Heating and cooling is monitored and custom controlled based on conditions (maintaining above or below desired setpoint.) Shore power available is also monitored with an optional automatic generator start if shore power is lost for greater than 5 minutes.</li> <li>• Travel Mode custom programmed to place the vehicle in a unique condition defined at the time of design. This often includes starting power systems and HVAC for use in route.</li> <li>• Passcode screen or feature lockouts. Up to 4 user programmable codes can be stored (one admin and three user level) and used to prevent specified operations or access to specified features of the system.</li> <li>• Time clock screen saver feature which shows a large digital clock when the touchscreen is not in use.</li> <li>• Agency/department artwork or logo incorporated into touchscreen graphics.</li> <li>• Manual leveling system integration with level indication on touchscreens.</li> </ul> <p>The system must be completely upgradeable with power modules located throughout vehicle. Additional components may be added to system with a simple software modification. Field updates can be accomplished with a remote service session.</p> <p>System capability is not to be achieved with use of multiple monitoring systems designed for specific use i.e. water monitors, battery monitors etc.</p>
1	<p><i>Kussmaul</i> Auto Eject 20, 20A-120Vac shore power inlet or approved equal with 25-ft. 20A-120Vac shore power cord. System operates through Vehicle Automation System. Vehicle Automation System to automatically transfer to use generator power when generator is running.</p> <p>Note: Located Street side near generator.</p>
1	<p><i>Marinco</i> 50A-125/250Vac waterproof shore power inlet or approved equal, 50-ft. 50A-125/250Vac shore power cord and 6-ft. 50A-125/250Vac pigtail. Vehicle Automation System to automatically transfer to use generator power when generator is running.</p> <p>Note: Located Street side near generator.</p>
5	<p>Specification grade 20A-125Vac duplex receptacle operated through Vehicle Automation System. Receptacle is not dedicated to any installed equipment.</p>
	<p>Locations:</p> <ul style="list-style-type: none"> <li>• One (1) in Cab</li> <li>• One (1) Mounted high on front bulkhead wall</li> <li>• One (1) Curb side above flip down counter top</li> <li>• One (1) Curb side weapons cabinet. For charging shield. (Outlet hot when, vehicle is stored w/auto eject on)</li> <li>• One (1) Curb side in overhead cabinet (Outlet is hot when, vehicle is stored w/auto eject on)</li> </ul>
1	<p>Specification grade 20A-125Vac GFCI duplex receptacle operated through Vehicle Automation System. These receptacles are not dedicated to any installed equipment.</p>
	<p>Locations:</p> <ul style="list-style-type: none"> <li>• One (1) interior Galley Area</li> </ul>
4	<p>Specification grade 20A-125Vac exterior GFCI duplex receptacle with weatherproof PVC cover operated through Vehicle Automation System.</p>

Qty	
	<p>Exterior Locations:</p> <ul style="list-style-type: none"> <li>• One (1) Curb side inside tall storage compartment. For charging shields. (Outlet hot when, vehicle is stored w/auto eject on)</li> <li>• One (1) Front, Curb side</li> <li>• Two (2) at the Rear, above the stop/turn/tail lights</li> </ul>
1	<p>Will-Burt Night Scan NS2.3-600WHL (or approved equal) 120Vac light tower. Includes:</p> <ul style="list-style-type: none"> <li>• Four (4) Pioneer 150 watt LED flood lights</li> <li>• Wired hand held remote control, 50ft control cable</li> <li>• Dash mounted warning light with interlock to prevent vehicle from being moved with light tower raised.</li> <li>• Additional roof support structure, as required.</li> </ul> <p>Note: Controller located in the street side roll up compartment</p>
	<p><u>120/240VAC WIRING REQUIREMENTS:</u></p> <ul style="list-style-type: none"> <li>• All 120/240Vac main wiring shall be stranded THHN wire and run in non-metallic Carlon Carflex or approved equal liquid tight conduit.</li> <li>• All 120/240Vac branch circuit wiring shall be stranded THHN wire (AWG 12 minimum) and run in non-metallic Carlon Carflex or approved equal liquid tight and Carlon Flex-Plus blue ENT conduit .</li> <li>• All electrical circuits and appliances shall conform to applicable national electrical codes.</li> <li>• 120/240VAC electrical load analysis showing total power draw of all dedicated outlets and hard wired equipment to be supplied with bid response (no exceptions).</li> </ul>
	<p><u>12VDC ELECTRICAL SYSTEM:</u></p>
	<ul style="list-style-type: none"> <li>• Four (4) 12Vdc PC2250 Odyssey (AGM) or approved equal batteries with manufacturers 4 year full replacement warranty. Batteries shall be installed underbody in slide out weather resistant compartment. Four (4) batteries tied together for auxiliary equipment.</li> </ul>
	<ul style="list-style-type: none"> <li>• Two (2) electronic converter/chargers, 80 amp minimum output each. Converter/charger features: <ul style="list-style-type: none"> <li>• Charges three banks of batteries at the same time.</li> <li>• UL listed for safety.</li> <li>• Manual reset circuit breaker.</li> <li>• Reverse battery protection.</li> <li>• Electronic current limiting.</li> <li>• High voltage protection.</li> </ul> </li> <li>• All DC electrical and metering switched and monitored through Vehicle Automation System.</li> </ul> <p>Note: Located curb side under weapons compartment.</p>
16	Ceiling lights, Orion 6" LED or approved equal, neutral white in polished bezel and controlled by touch panel in cab and load space.
6	<i>Whelen</i> 810 Series white quartz halogen scene light with 8-32° optics, model number 810CA0ZR (or approved equal).
	<p>Locations:</p> <ul style="list-style-type: none"> <li>• Two (2) Street side</li> <li>• Two (2) Curb side</li> <li>• Two (2) Rear</li> </ul>
1	15A-12Vdc power outlet.
	<p>Locations:</p> <ul style="list-style-type: none"> <li>• One (1) in Cab console</li> </ul>

Qty	
1	<p>Whelen 295HFSA5 or approved equal siren with 9 low current lighting control switches. Slide Bar Positions Control:</p> <ol style="list-style-type: none"> <li>1. Rear (Upper and Lower)</li> <li>2. Rear (Upper and Lower), All Upper, Front Wall</li> <li>3. All</li> </ol>
1	<p>Whelen SA315P (or approved equal) high performance speaker, with SAK9 1 (or approved equal) bracket.</p>
	<p>12VDC EMERGENCY LIGHTING: ALTERNATING RED/BLUE</p>
2	<p>Whelen TIR3 series or approved equal Super-LED lighthouse with internal flasher, red LED's with clear outer lens, model RSR03ZCR (or approved equal). Includes chrome flange</p>
2	<p>Whelen TIR3 series or approved equal Super-LED lighthouse with internal flasher, blue LED's with clear outer lens, model RSB03ZCR (or approved equal). Includes chrome flange RFLANGEC (or approved equal).</p>
8	<p>Whelen 600 series or approved equal Linear Super-LED lighthouse with internal flasher, red LED's with clear outer lens, model 60R02FCR (or approved equal). Includes chrome flange 6EFLANGE (or approved equal).</p>
8	<p>Whelen 600 series or approved equal Linear Super-LED lighthouse with internal flasher, blue LED's with clear outer lens, model 60B02FCR (or approved equal). Includes chrome flange 6EFLANGE (or approved equal).</p>
	<p>Locations: ALTERNATING RED/BLUE</p> <ul style="list-style-type: none"> <li>• Two (2) Street side/Curb side hood</li> <li>• Two (2) Front high</li> <li>• Four (4) Street side</li> <li>• Four (4) Curb side</li> <li>• Four (4) Rear, (two (2) in plast4 housing, two (2) high)</li> </ul>
	<p>12VDC WIRING REQUIREMENTS:</p> <ul style="list-style-type: none"> <li>• 2-gauge minimum copper stranded battery cable shall be used for 12Vdc main supply lines. All cable runs shall be full length, no splices. All cable terminals shall be staked and soldered. All cable shall be enclosed in convoluted polyethylene tubing and the ends of the cable shall be sealed with color-coded shrink-wrap identifying the function of the cable.</li> <li>• All added electrical circuits shall be protected from over-current by resettable circuit breakers appropriately rated for the load. Only circuit breakers shall be used in the installation of added electrical wiring (plug type fuses are unacceptable).</li> <li>• Circuit breaker functions shall be identified by engraved or printed labels.</li> </ul>
	<ul style="list-style-type: none"> <li>• All added wiring for load runs shall be AWG 8, 10, 12, 14 and 18 and must conform to MIL-W-16878F.</li> <li>• Wire terminals for added circuits must conform to MIL-T-7928. Terminals shall be insulated, insulation grip, TYPE II, CLASS 2 and shall be crimped with tooling recommended by the terminal manufacturer.</li> <li>• All wiring shall be numbered or lettered on 6" centers minimum.</li> <li>• Wiring shall be protected from chafing and abrasion with convoluted polyethylene tubing (wire loom) as required.</li> <li>• Where wire passes through sheet metal, bulkheads and structural supports, plastic grommets shall be used to protect both wiring and wire looms.</li> <li>• All wiring shall be supported on 12" centers.</li> <li>• All wire bundles shall be tied with trimmed nylon ties on 6" centers minimum.</li> <li>• The complete 12Vdc wiring system and electrical appliances shall be to modern automotive standards throughout the installation.</li> </ul>

Qty	
	<ul style="list-style-type: none"> <li>• Extreme care shall be exercised to provide for easy serviceability of the system in future years.</li> <li>• Extreme care must be taken in the installation to avoid the engine manifold, engine exhaust, and muffler, which could expose the wiring to severe overheating during long periods of operation. Proper insulation and heat deflection panels must be installed in such areas.</li> <li>• A high-current 12Vdc system wiring schematic shall be provided.</li> <li>• These are the minimum acceptable 12Vdc wiring requirements.</li> </ul>
	<u>RADIOS:</u>
	Primary 12Vdc power leads for communications radios shall be minimum 2-gauge copper stranded wire with soldered crimp-on end connectors (gauge based on radio requirements). Cables shall be enclosed in convoluted tubing and function identified with colored shrink-wrap. Power to radios shall be controlled by a continuous-duty switch actuated by the auxiliary battery disconnect switch.
1	<p>Prewire and make installation provisions for dual head communications radio. Installation includes:</p> <ul style="list-style-type: none"> <li>• NMO-style base on the roof or antenna raceway, as applicable.</li> <li>• LMR195 antenna cable routed to radio transceiver location in <i>Carlton</i> Carflex or approved equal ENT conduit.</li> <li>• 12Vdc power routed to radio transceiver location.</li> </ul>
	<u>MISCELLANEOUS ELECTRONICS:</u>
1	<i>Napco</i> or approved equal Gemini alarm system. System includes magnetic contacts on all entry doors, exterior storage compartment doors, battery box doors, generator compartment doors and hood. Two (2) key fobs, key pad, 360° ceiling mounted motion sensors, siren.
1	<p>Garmin DEZL 560 LMT (or approved equal) advanced navigator for the trucking industry.</p> <p>Product features:</p> <ul style="list-style-type: none"> <li>• Unit must be hard mounted.</li> <li>• 5-inch display</li> <li>• Preloaded City Navigator® or approved equal NT for North America or Europe (full coverage)</li> <li>• Lifetime maps and traffic (indicated by "LMT" after model number on the box)</li> <li>• FM traffic receiver with 12/24 volt power cable</li> <li>• Portable friction mount</li> <li>• micro-USB cable</li> <li>• Preloaded National Truck and Trailer Services (NTTS) Breakdown Directory</li> </ul>
1	<i>Franklin Instruments</i> #FD254-I00-0P4 (or approved equal) clocks with 2.5" LED display and 12 hour or 24 hour modes.
	<u>EXTERIOR STORAGE COMPARTMENTS:</u>
1	Single door underbody storage compartment with approximate interior dimensions of 15" high x up to 60" wide x 26" deep constructed from 0.125" aluminum with all welded seams with drop down door. Located street side. This is the overpack container compartment.
2	<p>Double door storage compartment with approximate interior dimensions of 50" high x up to 51" wide x 26" deep constructed from 0.125" aluminum with all welded seams.</p> <p>These compartments are located curb side with flip up gas shock door and cable guided flip down bottom door. These doors are 60/40 split.</p>
1	<p>Storage compartment with approximate interior dimensions of 45" high x up to 48" wide x 26" deep constructed from 0.1875 " aluminum with all welded seams.</p> <p>This is the divided storage compartment w/roll-up door, located street side above the generator.</p>

Qty	
1	Double door storage compartment with approximate interior dimensions of 42" high x up to 53" wide x 26" deep constructed from 0.1875 " aluminum with all welded seams and gas shocks. Note: This compartment is the SCBA storage compartment located street side. Add closed cell padding to door.
1	Storage compartment with approximate interior dimensions of 82" high x up to 50" wide x 26" deep constructed from 0.1875 " aluminum with all welded seams. This compartment is the roll-up storage / sink compartment located curb side.
1	Storage compartment with approximate interior dimensions of 70" high x up to 25" wide x 25" deep constructed from 0.1875 " aluminum with all welded seams. This compartment contains the Shower, hose reel, and Eye Wash Station with roll-up storage door located at the rear.
	<p>Compartments will be constructed to the following specifications:</p> <ul style="list-style-type: none"> <li>• Sweep out type bottoms with 1/2" drain holes.</li> <li>• 2" box pan doors and door frames fabricated from 0.125" aluminum.</li> <li>• Door frames shall be riveted to the body and welded to the compartments.</li> <li>• Compartments shall have Dri-Dek or approved equal matting with tapered front lip.</li> </ul> <p>Compartment doors will be constructed to the following specifications unless specified with a roll-up door.</p> <ul style="list-style-type: none"> <li>• Stainless steel hinges attached with stainless machine screws.</li> <li>• Slam latches and flush mounted handles.</li> <li>• 0.100" bright polished aluminum diamond plate on interior surfaces fastened with stainless hardware.</li> <li>• All doors shall be sealed with industrial grade neoprene gasket.</li> </ul>
10	<p>Custom fabricated adjustable aluminum box pan shelves.</p> <ul style="list-style-type: none"> <li>• Four (4) Located curb side in the double door storage compartments.</li> <li>• Three (3) Located curb side in the divided storage compartment w/roll-up door. One (1) shall be fixed used as a counter to install sink.</li> <li>• One (1) Located street side above the generator, in the roll-up storage compartment.</li> <li>• One (1) Located street side in the SCBA storage compartment (fixed shelf)</li> </ul> <p><i>Dri-Dek</i> or approved equal matting on shelves.</p>
1	<p><i>Innovative Industries</i> SlideMaster® mounted in rear exterior compartment. Slide features:</p> <ul style="list-style-type: none"> <li>• Safety latch holds shelf secure during travel and when fully extended</li> </ul> <p>Note: This is the pull out extension for the Shower and Eye Wash Station.</p>
	Exterior shield storage includes tie down strap. Located in curb side rear compartment.
3	<p>Satin anodized aluminum finish roll up door. Includes:</p> <ul style="list-style-type: none"> <li>• Manual Lock with 2-sided Key</li> <li>• Sill Plate</li> <li>• Pull strap (as required)</li> <li>• Door Ajar Switch</li> </ul>
10	48" LED roll up compartment strip light.
2	60" LED roll up compartment strip light.
	<u>AWNING:</u>

Qty	
2	<p><i>Dometic</i> or approved equal Weather Pro Awning 18' Cadet Gray acrylic fabric (color to be approved at pre-build meeting) electric awning with the following features:</p> <ul style="list-style-type: none"> <li>• Solid-state sensor automatically closes awning after detecting sustained winds</li> <li>• Exclusive Knee-Action Design prevents damage from sudden wind gusts</li> <li>• Heavy duty motor is fully contained in the roller tube, self-locks awning in travel position</li> <li>• Unique spring-arm mechanism automatically dumps accumulating rain water</li> </ul> <p>Note: Curb side and Street side awnings shall be operated using the Vehicle Automation System. An additional touch pad shall be located in the exterior SCBA storage compartment to operate street side awning and scene lights.</p>
	<u>ROOF ACCESS:</u>
1	<p><i>Zico</i> Quic or approved equal -Ladder swing out and down vehicle ladder, RL-2-7 (or approved equal). Product features:</p> <ul style="list-style-type: none"> <li>• Cast aluminum rungs with flat, non-skid surface</li> <li>• Steps are 3" deep x 15-1/2" wide</li> <li>• Handrails are 1-1/4" heavy-walled aluminum tubing</li> </ul>
	<u>MISCELLANEOUS ITEMS:</u>
2	5 pound dry chemical fire extinguishers. Note: Located in exterior compartment
1	<i>First Alert</i> or approved equal 9-volt combination Carbon Monoxide and Smoke alarms.
5	<i>Zico</i> CBR-18-B (or approved equal) Quic-Seat cushioned back rest for walkaway bracket.
5	<i>Zico</i> KD-UH-7-SF (or approved equal) spring clip style SCBA walkaway bracket. Note: SCBA Cylinders are "MSA Stealth H-60 24.00 L X 6.75 W X 6.75 H 18.764Lbs.
9	<i>Zico</i> or approved equal 7.75" X 7.75" X 23" SCBA Quick-storage rack. Note: SCBA Cylinders are "MSA Stealth H-60
9	<i>Zico</i> Quic-Storage rack restraint straps ~ Model ACSR-RS (or approved equal). ~ TBD
1	<p><i>Hannay</i> hose reel N700 Spring rewind series N716-16-17C (or approved equal).</p> <ul style="list-style-type: none"> <li>• Hose reel capacity, 1/2" I.D. 7/8" O.D. 35ft.</li> <li>• Hose reel dimensions 18.5"D x 11.25"W x 17"H</li> </ul> <p>Note: Located in rear shower compartment</p>
1	Life Saver Plus First Responder First Aid Kit, LS-Plus (or approved equal).
	<u>MANUALS:</u>

Qty	
1	<p>Complete manual set in hard copy and CD, including the following:</p> <ul style="list-style-type: none"> <li>• As-built specifications with interior and exterior drawings as used for production of the vehicle.</li> <li>• Chassis and body owner's manuals.</li> <li>• 12Vdc and 120Vac legends showing wire gauge, color, number and function.</li> <li>• 12Vdc high current wiring diagram illustrating the battery system, isolators, power converters, alternator, disconnect switches and control panels.</li> <li>• Roof top antenna placement drawing and legend identifying antenna placements and termination points.</li> <li>• Audio/Video cabling diagram.</li> <li>• Alarm system zones legend.</li> <li>• Warranty and Return Authorization procedures.</li> <li>• Chassis and generator maintenance and service logs.</li> <li>• Battery maintenance information.</li> <li>• All individual component manuals and warranty registration cards as provided by component manufacturers.</li> </ul> <p>Note: All manuals/diagrams shall be held in a tabbed 3 ring binder. (Excluding Chassis manuals)</p>
1	Chassis parts and service manuals. (Hard copy)
	<p><u>MISCELLANEOUS:</u></p> <p>Weight calculations showing as-built available payload for rear axle, front axle, and total vehicle to be supplied with bid response (no exceptions).</p> <p>Delivery person to have the truck inspected and get a PA safety inspection sticker prior to delivery. At time of delivery to PSP facility, a manufacturer representative shall provide up to eight (8) hours of orientation on manufacturer provided systems, as applicable:</p> <ul style="list-style-type: none"> <li>• Complete start up and shut down procedure</li> <li>• AC and DC electrical systems operation</li> <li>• HVAC systems operation</li> <li>• Alarm operation</li> <li>• Awning operation</li> </ul>