Scott County Facility and Support Services Department Purchasing Division 600 West Fourth Street, Davenport, Iowa 52801-1030

REQUEST FOR QUOTATION

Scott County Requisition No. 19193 Bidders need to complete and submit this form.

Submission Date:	2/26/2016	No Later Than:10:00am

Qty		Description				
1	Mobile Command Center Vehicle					
	Scope of Work and Vehicle Specifications are attached					
		Questions regarding Vehicle, should be addressed to Pam Bennett, pamela.bennett@scottcountyiowa.com or (563)326-8217				
	Please return your responses to Scott County Purchasing, 600 West 4th St, Davenport, IA 52804					
	Delivery Included					
	price quotation good for 6	0 days				
	From time to time it may be necessary to change or modify a request for purchase. If you have received this request from any other source other than direct fax or email from Scott County, it is your responsibility to check for updates and/or changes to the request. If you would like to receive automatic updates please register your company in our vendor data base by using our website, www.scottcountyiowa.com/fss/purchasing.php					
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Scott C	Ounty reserves the right to accomplete output submitted by: Name Title	Released by: (Scott County Use Only) Date: 2/10/2016 Time: 4:00PM				
	Ounty reserves the right to accompany Date Type Contact Information:	Released by: (Scott County Use Only) Date: 2/10/2016 Time: 4:00PM PLEASE NOTE: Bidders must provide an estimated				

[&]quot;By virtue of statutory authority, a preference will be given to products and provisions grown and coal produced within the State of Iowa."

Bid Scope

The following specifications outline the minimum requirements for a custom manufactured EOD/Mobile Command Center to be utilized by the Quad City Bomb Squad. The EOD/Mobile Command Vehicle will have a bench seat up front capable of seating (4) personnel with storage underneath the bench seat. There will also be (2) workstations with (3) duplex outlets above the countertop at the workstations. The rear area will have robot storage with a ramp going out the rear of the truck. There will be (3) storage areas with (2) adjustable shelves each. There will be a hanging area for hanging bomb suits. While all efforts have been made to fully detail the construction materials methods and equipment required to build this vehicle it remains the vendor's responsibility to choose components that will provide maximum performance, service life and safety and not just meet the minimum requirements.

No drawings are provided. It is in the best interest of the Quad City Bomb Squad to evaluate each vendor's configuration concepts based on the description above and the information included throughout these specifications.

Due to the complexity of the conversion vendors must provide detailed specifications. A general statement or letter stating that the vendor meets all specifications will not be acceptable. Additionally, photo copies of this specification will not be an accepted response. For ease of evaluation, all submitted specifications must follow the format of this document. Failure to meet these requirements will result in disqualification.

To insure the Department a source of service and parts over the anticipated life of the apparatus potential vendors must have established a permanency in the industry for a minimum of twenty (20) years. Vendors must include in the proposal a list of fifteen (15) vehicles of similar (or greater) size and complexity built in the last year and Forty (40) in the last five years (include Department name, contact name and telephone number Failure to meet these requirements will result in disqualification.

Note: References of a subcontractor or subsidiary will not be acceptable. All references must be for vehicles built and delivered by vendor.

Quad City Bomb Squad will not make a down payment, prepayments or progress payments. No exceptions.

Vendor must be on GSA Schedule 23V, SIN 190-03 and supply GSA 1-unit pricing with their response. No exceptions.

Vendor must be ISO 9001:2008 certified and must include a copy of their certification certificate with response.

The ISO 9001:2008 standard is recognized around the world and is an extremely comprehensive business management system. This will assure that Quad City Bomb Squad will be working with a vendor that maintains consistency in all phases of their operations.

The International Organization for Standardization (ISO) was established in 1947 and is an association of 170 members, with each representing their own country. ISO employs a system of technical committees, sub-committees and working groups to develop international standards.

The ISO 9001 standard is a quality assurance model made up of 20 sets of quality system requirements.

This business management system allows the manufacturer to monitor processes to ensure they are effective; keep adequate records; check output for defects, with appropriate and corrective action where necessary; regularly review individual processes and the quality system itself for effectiveness; and facilitate continual improvement. The Quad City Bomb Squad has determined that this system will ensure that the supplier can assist with technical support and technology upgrades for the life of the vehicle. No exceptions to any of the ISO requirements.

Prototype and/or demonstrator vehicles will not be accepted under any circumstance. Additionally the body is to be a standard commercially available production model and may not include any proprietary construction techniques or components. No exceptions.

Vendor must stock a complete line of special service equipment and parts for this apparatus. Vendor must be able to supply 90% of parts required to maintain this vehicle within 24 hours and have the balance available within 72 hours. Note: Quad City Bomb Squad reserves the right to request certain items be shipped at vendor's expense to verify ability to comply. Failure to respond as stated will be cause for rejection.

In order to fairly evaluate each vendor's technical ability and design capability, blueprints are to be provided. All prints submitted will be on the same size paper and to the same scale.

The drawings are to be on "D" size paper, 24" x 36" in size, all views must be on $\frac{1}{2}$ " = 12" scale.

CAD prints are preferred.

The drawings are to be provided as follows:

- Interior floor plan (overhead)
- Right hand section view interior
- · Left hand section view interior
- Appropriate section views interior
- Driver and passenger view exterior
- · Front and rear view exterior
- Roof top view exterior

In addition to the drawings each vendor must include a payload calculation work sheet showing the estimated as built front axle, rear axle and total vehicle weight of the proposed vehicle. These calculations must be based on previously built vehicles produced by the vendor. Failure to meet this requirement will result in disqualification.

Proposed Specification for: Quad City Bomb Squad

Item	Qty	
1.00	1-7	CHASSIS:
1.01	1	Ford F59 GAS Chassis with 208 WB, 22,000 GVWR.
		Powertrain
		* Triton C SI V 10 SOLIC 3 valve engine
		* Triton 6.8L V-10 SOHC 3 valve engine
		* 175 amp HD alternator
		* 750 amp 78 amp hours (Ah) HD battery
		* Engine oil cooler, transmission oil cooler
		* 5-speed TorqShift Automatic w/OD, includes tow haul mode * Rear-wheel drive
		* 5.38 axle ratio
		* Stainless steel exhaust
		Steering and Suspension
		* Hydraulic power-assist re-circulating ball steering
		* 4-wheel disc brakes with front and rear vented discs
		* Front leaf suspension and anti-roll bar
		* HD front multi-leaf springs
		* Rear leaf suspension and anti-roll bar
		* HD rear multi-leaf springs
		Safety
		* 4-wheel anti-lock braking system
		* Daytime running lights
		Comfort and Convenience Air conditioning, Cruise control with steering wheel controls, Analog
		instrumentation display includes tachometer, oil pressure gauge, engine temperature gauge, transmission
		fluid temp gauge, engine hour meter, exterior temp, trip odometer, Steering wheel with tilt adjustment
1.02		Chassis Warranty:
		• Basic 36 month/36,000 miles
		• Powertrain 60 month/60,000 miles
		Corrosion Perforation 60 month/unlimited mileage
1.03	1	2 2
1.03	1	Block heater shall be wired to a switch on the AC control panel. DOT triangle reflector kit with three (3) triangles.
1.05	1	Route horizontal exhaust to streetside.
2.00		BODY:
2.01	1	• Load space area shall be approximately 85" high x 93" wide x 18' long load space all aluminum step van
	_	body.
		Body shall have OEM sedan door street side with sliding window.
		Body shall have OEM sedan door curb side with sliding window.
		• Sedan doors shall have a vertical continuous stainless steel piano hinge, two (2) nylon door straps and an
		aluminum drip rail installed above door. Doors shall have a Tri-Mark polished cast aluminum exterior handle
		with key lock. Front door shall utilize dual rotary latches; one installed mid height on the door and one
		installed on the lower portion. Doors shall also utilize Tri-Mark cast aluminum interior handle with locking
		lever.
		• Single 40" swing rear door
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Item	Qty	
		• Body shall have 1.75" heavy duty extruded aluminum side and rear wall stiffeners on 24" centers.
		• 0.100" upper/0.125" lower strain-hardened aluminum alloy side panels riveted to the sidewall
		stiffeners.
		• One-piece 0.032" aluminum roof with roof bows on 16" centers.
		• Fiberglass hood with quartz halogen headlamps stainless steel grill and turn signal indicators.
		• Rear mud flaps with anti-sail brackets.
		• Chrome Velvac Revolution heated remote control rear view mirrors with dash controls. Upper mirror
		has 62-sq.in. of flat surface and lower mirror has 30-sq.in. of convex surface. Mirror has a fold-away arm
		with integrated turn signal indicator.
		• Tinted safety plate glass windshield with driver and passenger sun visors.
		• Driver seat to be high back on fixed pedestal. Seat to be covered in Black vinyl with 3-point seat belt.
		Passenger seat to be a black vinyl jump seat with 2-point seat belt.
		• Windshield wiper/washer with single heavy-duty windshield wiper motor.
		• Aluminum engine box cover with acoustical and thermal insulation an aluminum cover.
		• Extruded aluminum floor with interlocking planks.
		Rear rubber fender flares.
		Custom front wheel cutouts for 19.5 tires.
		• Full length skirting. Skirt to extend 18" down from the bottom of floor extrusions.
		Body shall have a black ABS dash with black aluminum insert to house the Ford gauge cluster. Body
		shall have a powder coated pod located to the left of the dash for added accessories.
		• Rear ICC lights shall be located as far rearward as possible.
		Real fee lights shall be located as fall featward as possible.
		Body has a standard structural warranty of 5 years or 50,000 miles; and standard component
		warranty of 12 months or 12,000 miles.
		• The vehicle shall be fully sanded on all exterior surfaces with no more than 150 grit to assure removal
		of imperfections in metal surface. All aluminum shall be primed prior to painting. Final finishing to commercial truck standards.
		• Cab floor, toe board area and step well risers shall be covered with ½" Blanchford acoustical floor mattin
		with black pebble grain finish.
		Integral cab air conditioning and heating system with dash controls.
-		Back-up alarm.
		Back up camera
	_	Note: Specifications are taken from body manufactured and are subject to change without notice.
2.02	3	Heavy-duty fluted aluminum grab handle with rubber inserts and chrome plated stanchions installed at
2.03	2	exterior entry door location. Automatic LED courtesy light at side entry door.
2.04	1	Courtesy light defeat switch on dash.
2.05		Maxxima LED Round combination stop/tail, turn and reverse lights, (or current model).
2.03	-	Includes (2) Lights #16060096 & (4) Connectors #16060100
2.06	1	Entire underside of the apparatus shall be undercoated. Includes chassis, floor extrusions, step wells
2.00	√ †	and aluminum compartments.
2.07	1	Rear mud flaps with anti-sail brackets.
2.08		Link Mfg. LB20-30-117 bi-fold aluminum 30" wide x 117" long, collapsible fold-out, 750 lbs. capacity ramp.
2.50	-	Ramp shall stow in vertical position with a rubber clamp on each side.

Item	Qty	
3.00		PAINT AND GRAPHICS:
3.01		Body base color shall be white.
4.00		GENERALINTERIOR:
		Wall Covering: #66 Silver Smooth FRP
		Ceiling Fabric: A97 Silver Haze
		• Floor Covering: #150 Onyx PVC Flooring
		Office Chairs: Black
		Vinyl Coverings: #WH1-2140 Whisper Black Cabinate: #ERT 3, 2003 Black Boundary Control Aluminum quailable in BAL 7035 Ground request
		Cabinets: #EBT-2-2002 Black Powder Coated Aluminum available in RAL-7035 Grey on request Capital and Talkland #4750 COMMedians Night.
		Counters and Tables: #4760-60 Mystique Night
		Note: Manufacturer reserves the right to substitute equivalent materials.
5.00		DRIVER/PASSENGER CAB AREA:
5.01		Cover cab doors with custom powder coated panels.
		Heavy-duty rubber grab handle on each door.
		Custom made panels above driver and passenger doors.
		Vehicle height sign on dash.
		• Insulated black rubber mat in driver and passenger toe plate area. Insulate walls in toe plate area and
		install carpeted panels. Vehicle shall have a Final Stage Vehicle Certification and Altered Vehicle Certification
+89		as required by Federal Motor Vehicle Safety Standards (FMVSS) 49 CFR Part 567.5 and 567.7 Payload sticker
		in cab area with vehicle axle load ratings and available axle payload as built.
5.02	1	Work area on passenger side in front cab area.
5.03	1	Control panels for 120Vac and 12Vdc systems shall be located in the overhead console. The entire conso
		shall be constructed of 3/4" plywood. The face shall be finished with black laminate and the bottom shall be
		covered with vinyl.
5.04	1	Red LED/Clear incandescent dome light with 3-position switch, red/off/white.
5.05	1	Pioneer DEH-P4800MP (or current model) MOSFET 50-watt x 4, CD/MP3/WMA/WAV Receiver with 3-band
		parametric EQ, and one (1) pair of <i>Pioneer</i> TS-A6971R (or current model) 6" x 9" three- way speakers.
5.06	1	Zone Defense color back up camera system with 7" LCD monitor with day/night camera.
6.00	j?	WALLS, CEILING AND FLOOR:
6.01		Insulate walls with fiberglass. Cover interior body side posts with plywood sub wall.
6.02		Cover sub wall with smooth finish Kemlite 0.075" fiberglass reinforced plastic (FRP) lining.
6.03		Floor underlayment to be 5/8" exterior grade tongue and grove structural plywood, Exposure 1-APA, 6 ply,
		face veneer plugged and sanded. Meets California Air Resources Board (CARB) phase 2 requirements.
6.04		Lonseal Loncoin II Flecks 150 Onyx non-skid commercial grade PVC flooring. The flooring shall be
		continuous, one piece full length, full width, no seams
6.05		2-1/2" vinyl cove molding as required (mop board).
6.06		Insulate ceiling with fiberglass. Cover interior roof supports with plywood.
6.07		Cover sub ceiling with loop pile fabric.
6.08	2	48" length of VersaTie VT-Track-3 P/N 32200020 (Airline type track) Surface mounted to the floor as
		shown on the drawing.
6.09	4	VersaTie VT-2000 heavy-duty double stud tie down rings
6.10		All bulkheads shall be covered with Kemlite 0.075" FRP.
6.11	1	Cover rear load space entry doors with powder coated .125" aluminum pan skin. Install gas charged suppor
		cylinder, nylon straps, and door holder stick on rear door to hold doors open at 90°.

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6.12	1	Street side mounted 30" wide x19" high flush mount deep-tint horizontal sliding egress window with mini-
		blind, located as shown on drawing.
		Window features:
		Black baked aluminum frame construction
		Unique Flush Mount frame offers automotive style frameless appearance
		Hidden water drainage system
		Windows have 2.5" radius comers (3.25" on Egress models)
		Glass is tempered with 31% light transmission
		All glazing materials are DOT approved
7.00		SEATING:
7.01	2	Space Air Grid office chair 5560 black (or current model) with armrests, five caster spider base, and
		adjustable height.
7.02		Fabricate and install fixed bench seating with removable cushions as shown on drawing. Bench seat
		cushions shall be covered in heavy-duty vinyl.
7.03	4	Seat belts installed on bench seats.
7.04		BENCH SEAT REQUIREMENTS:
		Foam for seat backs and bottoms shall be firm density
		All bench seating material must meet Federal Motor Vehicle Safety Standards part 571.302
		Flammability of Interior Materials.
		Material corners shall be squared or angled to fit precise cut of foam.
		Foam shall be bonded to plywood backer with industrial grade adhesive.
8.00		CABINETS:
8.01		Countertops shall be covered in 0.040" Wilsonart laminate. All exposed edges shall be covered with
		heavy duty flexible PVC T-molding.
8.02	2	Mount equipment to countertop; Logos and Robot controller.
8.03		Closet shelves shall be infinitely adjustable using mini B-line track and hardware.
8.04	6	Aluminum box pan shelves, approximately 2' long, located as shown on drawing.
8.05	3	Aluminum box pan shelf, approximately 3' long, located as shown on drawing. Note: bottom shelves are no
		adjustable.
8.06	6	Aluminum box pan shelf, approximately 4' long, located as shown on drawing. Note: bottom shelves are no
		adjustable.
8.07	1	Heavy-duty stainless steel hanger rod in closet. Located as shown on drawing.
8.08	2	Computer cable pass-thru grommet in counter.
9.00	1	HVAC SYSTEM:
9.01	1	Fan-tastic Vent model 4000 R (or current model) 3-speed reversible 12" power roof ventilator.
9.02	2	Coleman Polar Mach 9200 series low profile air conditioner with thermostat. Includes:
		• 9223-C876 13,500 nominal BTU air conditioner with condensate pump.
		• 9330B3552 Ceiling Assembly, 9330B755 Heat/Cool control with 5,600 BTU heat strip
9.03	1	Espar B4 13,600 BTU direct discharge, 12Vdc powered, gasoline-fired furnace with individual
	_	thermostat control. Exhaust shall be routed to the street side.

tem	Qty	
10.00	traction and the second	120/240VAC ELECTRICAL SYSTEM:
10.01	1	Onan Commercial QG 7000 7kW 120 volt AC generator HGJAE (or current model) mounted in custom fabricated all aluminum compartment. Product features:
		Sound rating at 10 ft (3 m) full load: 70 dB(A)
* *		Cummins Onan OHV engine
		Overspeed/underspeed protection
		Compartment shall be constructed to the following specifications:
		• Compartment shall be constructed from 0.187" aluminum with all welded seams.
		• Compartment shall have 0.125" aluminum 2" box pan doors and 0.125" aluminum frames.
		• Door frames shall be riveted to the body and welded to the compartments.
		• Doors shall have stainless steel hinges attached to the doors and door frames with stainless machine screws.
		Doors shall have slam latches and flush mounted handles.
		• Doors shall have 0.125" perforated aluminum panels on interior surfaces.
		• Doors shall be held open in a 90° position with gas charged lift/support cylinders.
		Doors shall be sealed with industrial grade neoprene gasket.
10.02	1	Hardwired Transient Voltage Surge Suppressor (TVSS) protection for entire AC power system, # 17120001 (or current model). Product features:
		Tested to 25,000 Amps Fault Current per NEC Article 285
		• UL US listed: UL1449 2nd Edition
		• NEMA 4 plastic enclosure: 6.28"(H) x 4.18"(W) x 3.33"(D)
		• 2 Green LED indicators, one for each line
10.03	1	120Vac control panel with 50 amp generator and shore power main breaker (based on generator size), six
		(6) UL listed magnetic/hydraulic branch circuit breakers with amber LED indicators, digital voltmeter,
		generator start/stop switch, and generator hour meter.
10.04	1	Kussmaul Super 30 Auto Eject, 30A-120Vac shore power inlet with 25-ft. 30A-120Vac shore power cord.
10.05	1	Marinco 30A-125Vac, locking, to 15A-125Vac, straight blade, one-piece adapter.
10.06	6	Specification grade 20A-125Vac duplex receptacle. Receptacle is not dedicated to any installed
	111	equipment.
10.07	2	Specification grade 20A-125Vac exterior GFCI duplex receptacle with weatherproof PVC cover. GFCI
		receptacles will be wired in pairs to 20A circuit breakers located in the 120Vac electrical load distribution
		center.
10.08		120/240VAC WIRING REQUIREMENTS:
		• All 120/240Vac main wiring shall be stranded THHN wire and run in non-metallic <i>Carlon</i> Carflex liquid
		tight conduit.

 12VDC ELECTRICAL SYSTEM: Two (2) Lead acid deep-cycle 6Vdc batteries. Batteries shall be installed underbody in slide out weather resistant aluminum compartment. Compartment shall have box pan door with slam latch, flush mount handle, key lock and Kwikee heavy-duty slide assembly. The batteries will be separated from the chassis batteries for auxiliary equipment (2.2 hours of capacity @ 75-amp discharge rate). Battery data assumes a usable voltage range of 13.6 to 10.5 volts. Two (2) electronic converter/chargers, 60 amp minimum output each. Converter/charger features: Charges three banks of batteries at the same time. UL listed for safety. Manual reset circuit breaker. Reverse battery protection.
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 Manual reset circuit breaker. Reverse battery protection.
Reverse battery protection.
Electronic current limiting.
High voltage protection.
 One (1) master disconnect switch to control the auxiliary battery systems.
• 12Vdc control panel with seven (7) UL listed magnetic/hydraulic circuit breakers with red LED
indicators, 12Vdc digital voltmeter.
• 12Vdc auxiliary panels with UL listed magnetic/hydraulic circuit breakers as required.
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Whelen 810 Series white quartz halogen scene light with 8-32° optics, model number 810CA0ZR (or current model).
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12VDC EMERGENCY LIGHTING:
RSR03ZCR (or current model). Includes chrome flange RFLANGEC (or current model). Located as shown
on drawing.
RSB03ZCR (or current model). Includes chrome flange RFLANGEC (or current model). Located as shown
on drawing.
Whelen 600 series Linear Super-LED lighthead with internal flasher, red LED's with clear outer lens, model
60R02FCR (or current model). Includes chrome flange 6EFLANGE (or current model). Located as shown on
drawing.
Whelen 600 series Linear Super-LED lighthead with internal flasher, blue LED's with clear outer lens, model
60B02FCR (or current model). Includes chrome flange 6EFLANGE (or current model). Located as shown on
drawing.
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12VDC WIRING REQUIREMENTS:
• 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.
• 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).

Item	Qty	
		 All added wiring for load runs of AWG 10, 12, 14, and 18, shall conform to MIL-W-16878/2 and/or UL1007/1569"
		• All added wiring for load runs of AWG 8, shall conform to MIL-W-16878/3 and/or UL1028
		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.
		• All wiring shall be numbered or lettered on 6" centers minimum.
		Wiring shall be protected from chafing and abrasion with convoluted polyethylene tubing (wire loom)
		as required.
		• Where wire passes through sheet metal, bulkheads and structural supports, plastic grommets shall be use
		to protect both wiring and wire looms.
		All wire bundles shall be tied with trimmed nylon ties.
		Extreme care shall be exercised to provide for easy serviceability of the system in future years.
		• 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.
		A high-current 12Vdc system wiring schematic shall be provided.
		These are the minimum acceptable 12Vdc wiring requirements.
13.00		RADIOS:
13.01		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
		continuous-duty switch actuated by the auxiliary battery disconnect switch.
13.02	2	Prewire and make installation provisions for communications radio. Installation includes:
		NMO-style base on the roof or antenna raceway, as applicable.
		• LMR195 antenna cable routed to radio transceiver location in <i>Carlon</i> Carflex ENT conduit.
14.00	_	MISCELLANEOUSELECTRONICS:
14.01	1	6X6 JR Products MGE32-A (or current model) Pass through door with key lock. This will allow cables to be passed into the vehicle.
15.00		AWNING:
15.01	1	Zip Dee solid color awning 4630 Cadet Grey (other colors available on request), 12' approximate length,
		with the following features:
		• 100% vat-dyed acrylic fabric with a manufacturer five year guarantee against loss of color or strength
		due to normal exposure, including sunlight, atmospheric chemicals and mildew or rot.
		Polished aluminum slatted wrap-around cover.
		Plastic rollers on body door corners to prevent awning damage.
		Interior storage for awing pull rod.
		External awning lock.
16.00		MISCELLANEOUS ITEMS:
16.01	1	5 pound dry chemical fire extinguishers.
16.02	1	First Alert 9-volt combination Carbon Monoxide and Smoke alarms.
16.03	1	Rubbermaid wastebasket w/hold-down bracket.

Item	Qty	
17.00		MANUALS:
17.01	1	Complete manual set, including the following:
27.02		 As-built specifications with interior and exterior drawings as used for production of the vehicle. Chassis and body owner's manuals. 12Vdc and 120Vac legends showing wire gauge, color, number and function. 12Vdc high current wiring diagram illustrating the battery system, isolators, power converters, alternator, disconnect switches and control panels. Roof top antenna placement drawing and legend identifying antenna placements and termination points Audio/Video cabling diagram. Telephone system punch block wiring diagrams. Alarm system zones legend. Warranty and Return Authorization procedures. Chassis and generator maintenance and service logs. Battery maintenance information.
		All individual component manuals and warranty registration cards as provided by component manufacturers.
18.00		MISCELLANEOUS:
18.01		At manufacturers facility, (or customers facility if delivered) a manufacturer representative will provide up to eight (8) hours of orientation on manufacturer provided systems, as applicable:
		Generator start up and shut down procedure
		AC and DC electrical systems operationHVAC systems operation
		Note: Project scope does not include certain tasks or costs that are the responsibility of the customer unless clearly specified as manufacturer supplied. These items include, but are not limited to:
		 Radio and telephone system programming. Activation and service fees for cellular telephones, satellite telephones, satellite TV, satellite internet access. Loading and configuring computer software.
		In the event of a discrepancy between the drawing and specification, the specification will supersede. Manufacturer reserves the right to make substitutions of equal quality and specifications of those listed in this document.