



INVITATION TO BIDDERS

The City of Gatlinburg is accepting sealed bids on the purchase of one (1) 2018 Rescue Vehicle. The specifications are located within the bid packet, we are providing specifications for a Ford, but we will consider other brands/models that meet required specifications.

Bids will be received at City Hall until **2:30 p.m., May 3rd, 2018** at which time they will be publicly opened and read aloud. No bid may be withdrawn for thirty (30) days.

Bid shall be sealed in an envelope with the bidder's name, address, the bid opening time and date and the quotation "2018 Rescue Vehicle" stated plainly on the outside.

For questions concerning the Bid Documents, Bidders may contact City of Gatlinburg, Delea Patterson, AP/Purchasing, 1230 Parkway East, Suite 2, P.O. Box 5, Gatlinburg, Tennessee 37738, at 865-436-1409 or Fax 865-436-6464 or deleap@gatlinburgtn.gov.

Questions about the specifications need to be directed to Gatlinburg Fire Department, Chief Greg Miller, at 865-436-5112.

Bid specifications will also be available on the City of Gatlinburg website at www.gatlinburgtn.gov under "Out for Bids" tab. This bid tab is located under Gatlinburg Government, and then Purchasing. Bid results are posted in the same area as shortly after bid opening as possible.

The City reserves the right to qualify bidders, to waive any informalities, to reject any and/or all bids, and to accept the bid deemed most favorable and in the best interest of the City.

It is the policy of the City of Gatlinburg not to discriminate on the basis of race, color, national origin, age, sex, or disability in its hiring and employment practices, or in admission to, access to, or operation of its programs, services and activities. With regard to all aspects of this contract, contractor certifies and warrants it will comply with this policy.

GENERAL PROVISIONS

Prices quoted shall not include Federal or State taxes, if any are applicable. The successful bidder shall furnish tax exemption forms, if required, with their invoices.

The prices quoted are that for which the materials or services will be delivered F.O.B. Gatlinburg, Tennessee.

Any additions, deletions, or variations from the following specifications must be noted.

Inspection of the materials or equipment will be made by an agent of the City of Gatlinburg, and if found defective or fails in any way to meet the terms of this agreement, it will be rejected. Rejected materials or equipment will be replaced at the expense of the bidder.

All technical specifications must accompany bid.

The City of Gatlinburg reserves the right to purchase additional units or services under the same terms and conditions for a period of one (1) year.

The City of Gatlinburg reserves the right to extend this agreement for one (1) additional year after the completion of the first year agreement.

The City of Gatlinburg reserves the right to defer payment for thirty (30) days after delivery. The City of Gatlinburg also reserves the right to reject any and/or all bids.

The bidder agrees to indemnify the City of Gatlinburg from any and all liability; loss or damage the City may suffer as a result of claims, demands, costs, or judgments against it arising from any and all work under this agreement.

The bidder agrees to notify the City, in writing, within thirty (30) days, by registered mail, at the City's address as stated in this agreement, of any claim against the bidder on the obligations indemnified against.

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BID SPECIFICATIONS

GATLINBURG

FIRE

DEPARTMENT



2018

TECHNICAL RESCUE

SPECIFICATIONS

1. CHASSIS

1. Make 2018 Ford F-450 4X4 XLT with Ambulance Prep Package.
2. 6.8L Ford V10 Gasoline Engine
3. Torqshift heavy-duty 6 speed Selectshift automatic transmission with tow/haul mode
4. Dual OEM alternators 220 amp each
5. Dual Optima Deep Cycle SC34DU yellow top batteries
6. Limited slip rear axle with 4.10 ratio (4.11)
7. GVW Rating of 19,500 lbs
8. Voltage Monitoring System with Auto Idle Up Control
9. Glass standard tint windshield and power windows
10. 40 gallon fuel tank OEM
11. Largest OEM power mirrors with convex mirror and heated glass
12. Dual vinyl high back captain chairs-medium pewter, with in-board armrests
13. Tilt wheel with cruise control
14. Power door locks
15. WeatherTech heavy duty all-weather floor mats
16. 4-wheel anti-lock disc brakes
17. AM/FM/CD factory stereo
18. Back-up alarm with momentary on/off switch that resets each time the vehicle is placed in reverse.
19. Back-up camera Federal Signal CAMCCD-REARNTSC mounted on the rear of the unit above the doors and the monitor inside the rear-view mirror CAMCCD-MIR
20. Vent window shades, plastic 1 pair
21. Tires, LT225/70R19.5 All Season, OEM
22. Exterior will be Flame Red Clear Coat Paint and Monotone Paint
23. Unit will come with 19.5 inch X 6 inch Forged Aluminum Polished Wheels
24. There will be 2 closed tow hooks installed above the rear bumper attached to the frame of the vehicle
25. The unit shall be equipped with Chrome Tubular Side Steps
26. Unit shall have a Federal Signal brush guard specific for Ford F450 installed with 2 closed tow hooks attached to frame of vehicle.
27. There shall be 2 receivers with wiring for a winch, one on each side of the vehicle, and a receiver on the front of the truck with wiring. There will also be a winch power connection at the rear should a winch be needed there
28. There will be smooth aluminum plating extending from the fuel fill all the way down to the rub rail. It will extend 1 inch beyond each side of the fill. This will be sealed along the edges to prevent dirt and moisture from seeping in
29. Rear mud flaps will be installed

30. The rear of the unit will have reflective chevron striping in Yellow/Red above and on either side of the rear entry door. This will also be installed on the inside of all exterior compartment doors
31. FRONT STONE GUARDS AND REAR DIAMOND PLATE RISERS TO BE INSTALLED WITH THE USE OF RIVETS. Screws will not be allowed due to the constant loosening of the screws due to vibration. The top edges shall be silicon to keep water from getting behind the Aluminum Diamond Plate
32. Unit shall be equipped with a Transfer Case Skid Plate
33. Unit shall be equipped with Heavy Duty Front Suspension Group
34. Unit shall be equipped with the Chrome Appearance Package
35. Unit shall be equipped with factory fog lamps
36. Unit shall be equipped with an integrated Trailer Brake Controller from the factory
37. Unit shall have a Class IV Heavy Duty hitch with wiring at the rear
38. Module will be extruded body and will be 150" X 96" with 72" headroom

2. EMERGENCY LIGHTING

1. There will be seven (7) Whelen 900 Series LEDs across the top front of the module in place of a lightbar. There will be six (6) red/white 90RC5FCR and one (1) clear 90CC5FCR. The clear will be in the center with three (3) lights on each side. There will be seven (7) chrome flanges Whelen 90FLANGC for each light
2. Whelen M6 Series Super-LED back-up, turn, and brake lights Brake Light M6BTT, Turn M6T, Back-up M6BUW
3. Whelen M6 Series Super-LED M6RC emergency light mounted above the tail light assembly will flash with emergency lights. Light assembly from top to bottom emergency, brake, turn, and back-up, all lights will have clear lenses with colored LEDs. Housing will be M6FCV4 chrome housing
4. Two Whelen M6 Series Super-LED mounted underneath front lights on the front of the module. Red M6RC. They will be mounted on each side of the module below the front light. All lights will have clear lenses with colored LEDs. Whelen M6FC chrome flanges
5. Whelen 900 Series LED across rear top of ambulance module. Lights will be set up from left to right-Red, Clear load, Amber, Clear load, Red. All lights will have clear lenses with colored LEDs. Red 90RR5FCR, Amber 90AA5FCR, Load 9SC0ENZR
6. Whelen 900 Series LED M7D intersection lights with clear lenses and having split Red/White LEDs with alternating flash pattern will be on each front fender. These lights will be mounted with M7FC chrome flanges
7. Whelen 900 Series LED M7D lights with clear lenses and Red LED's mounted above the rear wheel on each side. These lights will be mounted with M7FC chrome flanges
8. Whelen 900 Series LEDs across the top portion of the module on each side. Total of four (4) set up as follows-Red, Clear Load, Clear Load, Red. All lights will have clear lenses with colored LEDs. Red 90RR5FCR, Load 9SC0ENZR, chrome flange 90FLANGC

9. Whelen hideaway lights UTX609C with white lenses will be placed, 1 in each upper section of the headlight assembly in the turn/park light. These lights will flash in an alternating pattern and be separate from the other emergency lights
10. Whelen M7 Series LED lights will be placed in the grill. There will be four (4) lights having clear lenses with split red/clear lights. Two on the top and two on the bottom of the grill. Model M7D with chrome flanges M7FC
11. Activate rear load lights and interior low dome lights with rear door opening and rear load lights and rear side load lights when vehicle is placed in reverse
12. All lights will be latest generation LEDs
13. All lights will have chrome plated flanges
14. All marker lights will be LED with rear side marker lights mounted so they can be seen by the driver in the mirror when backing up at night
15. There will be Whelen UFM8 Universal Flashers to control the emergency lights. Each light will be individually connected to the flasher

3. SIREN/SPEAKERS/RADIO

1. Whelen 295HFSA7 dual tone siren with 200 watt amplifier with main control panel mounted on main console between front seats. Manufacturer will label external radio wire for input for radio installation
2. Two Whelen SA3125P 100 watt through the bumper speakers with SAK1 speaker brackets
3. Whelen HOWLER will be installed. It will be set to operate for 30 seconds at a time with an activation switch located near the main siren control panel. Include speaker brackets for Dodge 4500 Chassis or Ford F450 chassis
4. There will be 2 antenna mounts on the roof of the module
5. The radio wiring will be pre-installed hot/ground for 2 radios. These wires will be labeled for the radio service installation. Locations TBD
6. There will be heavy duty coax cable for both antenna mounts pre-installed, location TBD.
7. There will be a magnetic radio mic holder included with the truck that will be installed by Gatlinburg Fire after delivery.

4. INTERIOR OPTIONS

1. Unit will have a center console between the front seats (**diagram attached**) with a Master Switch Control Panel located here. Switches will be black euro style except for Master switch and module disconnect which will be Red switches and all switches will illuminate when on. Each switch will have a white luminescent label identifying its function
2. Flexible map light HellaMarine 343 720-052 LED chart table lamp (150mm) red light with black cover. This light will be mounted at the top of the cab above the left side of the passenger seat

3. Console will have a quick disconnect wiring harness for ease of removal of console for maintenance. On the right rear of the console will be a combination 110V/USB outlet for charging tablets and laptops
4. Flooring will be one piece seamless, scuff proof, no wax flooring. Lonseal Loncoin II nimbus grey.
5. Single rear entry door will be approx. 36 inches wide with Eberhard heavy duty door latch model 21100
6. There shall be an extruded step bumper on the rear of the unit
7. Stainless V style interior door handle
8. There shall be a dry erase board mounted to the inside of the rear entry door
9. Center walk way will be approx. 40 inches wide back to front
10. There will be coated wire adjustable shelving on each side for equipment storage.
There will be no wooden cabinets. Shelf depth will be approx. 28 inches. Minimum of 3 rows of shelving each side with the exception of the driver side rear having only 2 rows due to outside compartment dimensions. Main shelf framing will be attached to the floor and the ceiling of the module (**diagram attached**)
11. All shelving will be covered with cargo netting to secure items on shelves
12. There will be a small open area on the driver side front approx. 32 inches wide to hang dry suits and wet suits
13. There shall be a small command desk in the driver side front corner of the module. This area will have a control panel for control of the lights and heat/AC unit.
14. There shall be (4) 110volt/ USB combination outlets and (4) 12V outlets for charging of multiple devices
15. There shall be a lockable compartment on the passenger side front corner of the module for securing of personal items
16. There will not be a side entry door
17. There shall be a small bench type seat at the front of the module that will be located between the command table and the lockable compartment (**diagram attached**)
18. There shall be 2 handrails overhead, minimum 1" diameter bolted to the roof structure
19. Module interior shall be lighted with eight overhead Whelen 80COEHCR interior LED lights. These lights will have a HI and LOW setting on the control panel
20. There will be a Vanner 20 1050 CUL 1000 watt inverter, charger, conditioner mounted in the street side front upper compartment and wired to the shoreline connection on the module. It will be connected direct to the ignition so it will power on when the unit is started and anytime the unit is running (if space does not permit mounting in this location, an alternate location will be decided)
21. The shoreline connection will be a 20AMP Auto-Eject connection
22. Combination heating and cooling unit ducted down the center of the patient compartment with 3 position mode selector switch and thermostat located on the rear control panel. Two automatic gate valves to shut off hot water from the engine when in AC mode. All heater hoses will be EDPM Nomex material

23. The electrical system shall feature a master wiring harness without splices in the harness or electrical circuits. All wiring harness shall be connected to the wiring control panel by quick disconnect military type amp pin blocks
24. All electrical wiring shall be 14GA or larger, shall conform to SAE J1292, have SXL high temp thermoplastic insulation rated at least 255 degrees F service. The circuit number and function shall be permanently embossed on the wiring at 6" intervals and all wires shall be color coded
25. The undercarriage shall be undercoated to prevent rust and corrosion

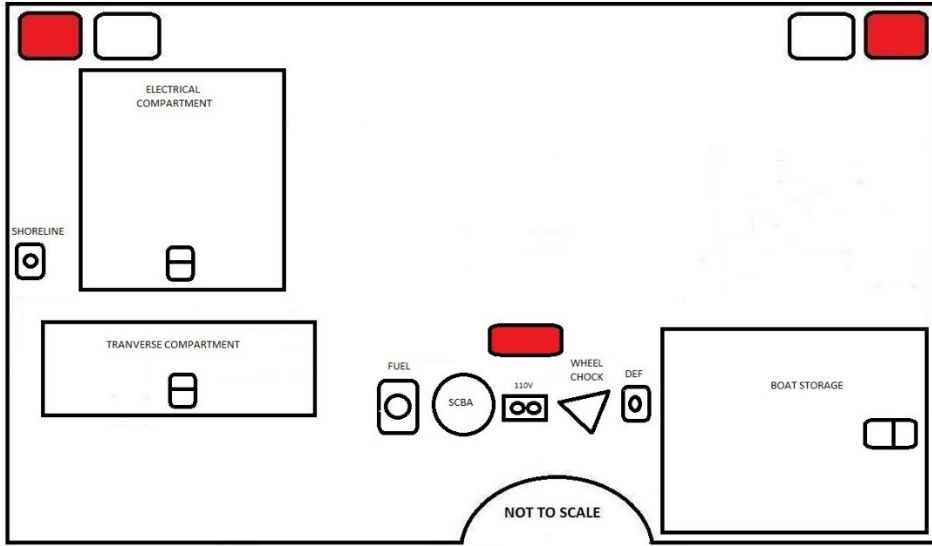
5. EXTERIOR OPTIONS

1. Street side front upper – This compartment shall be the electrical compartment. This compartment shall not be used for any other purpose.
2. Street side front lower – This compartment shall be a pass thru compartment to be used for storing a stokes basket, tripod, boat paddles, etc. Equipment will need to be accessible from both sides of the unit. Size TBD.
3. Street side rear – This compartment will be used to store an inflatable raft. This compartment will need to be as big as dimensions will allow. Size TBD.
4. Street side – There will be a wheel chock storage area above the rear tire. Also storage for 1 SCBA 4500lb bottle above the rear wheel
5. Curb side rear – This compartment will be used to store a cooler for water. Size approx. 32W X 20H X 20D.
6. Curb side front – This will be the other end of the pass thru compartment.
7. Curb side - There will be a wheel chock storage area above the rear tire. Also storage for 1 SCBA 4500lb bottle above the rear wheel
8. There shall be a 10 foot long retractable awning mounted to the curb side of the unit
9. There shall be (2) 110V outlet on the outside, located above each rear wheel. These outlets will be covered with a weatherproof cover.

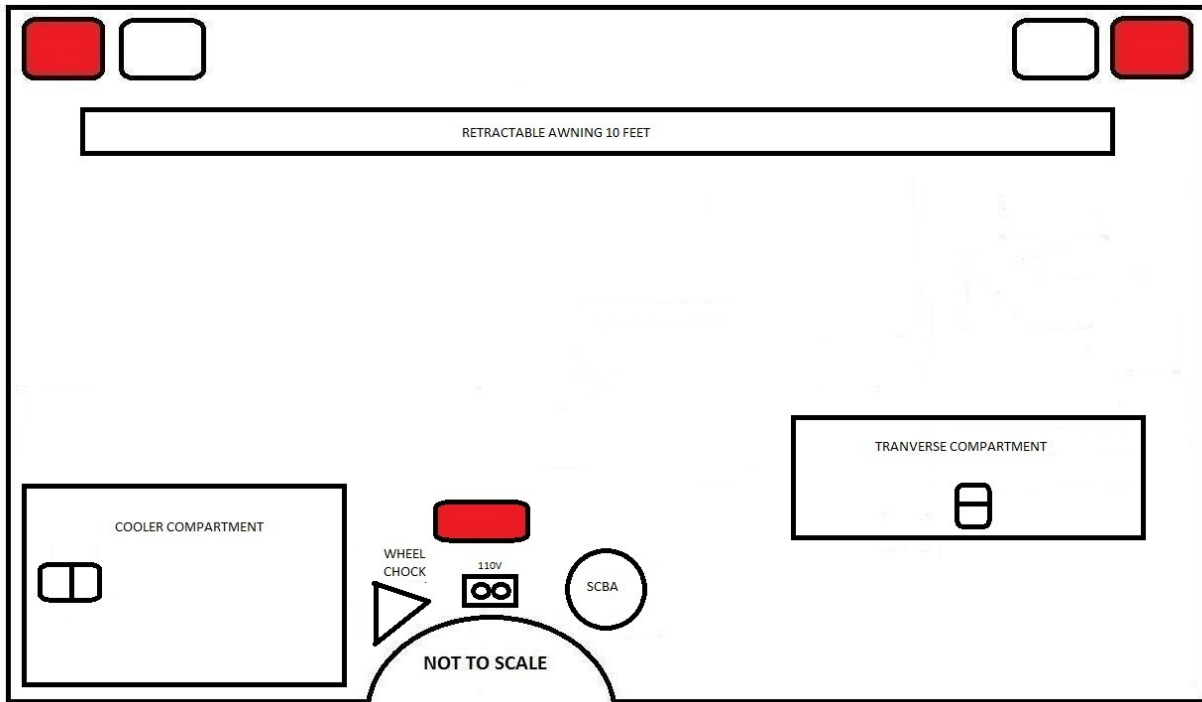
6. MISC.

1. Discuss option for a high point anchor on the side of the module.

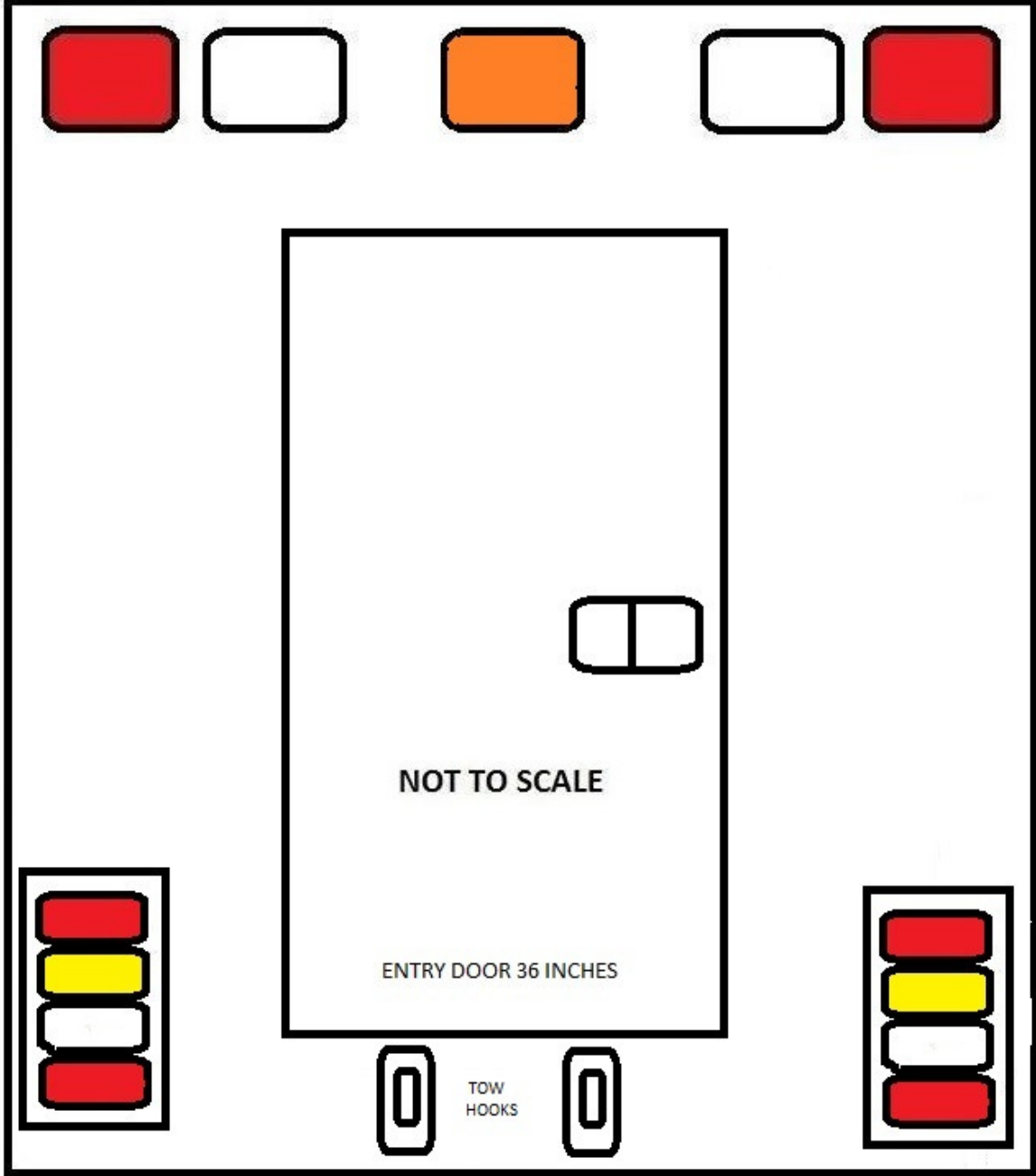
STREET SIDE



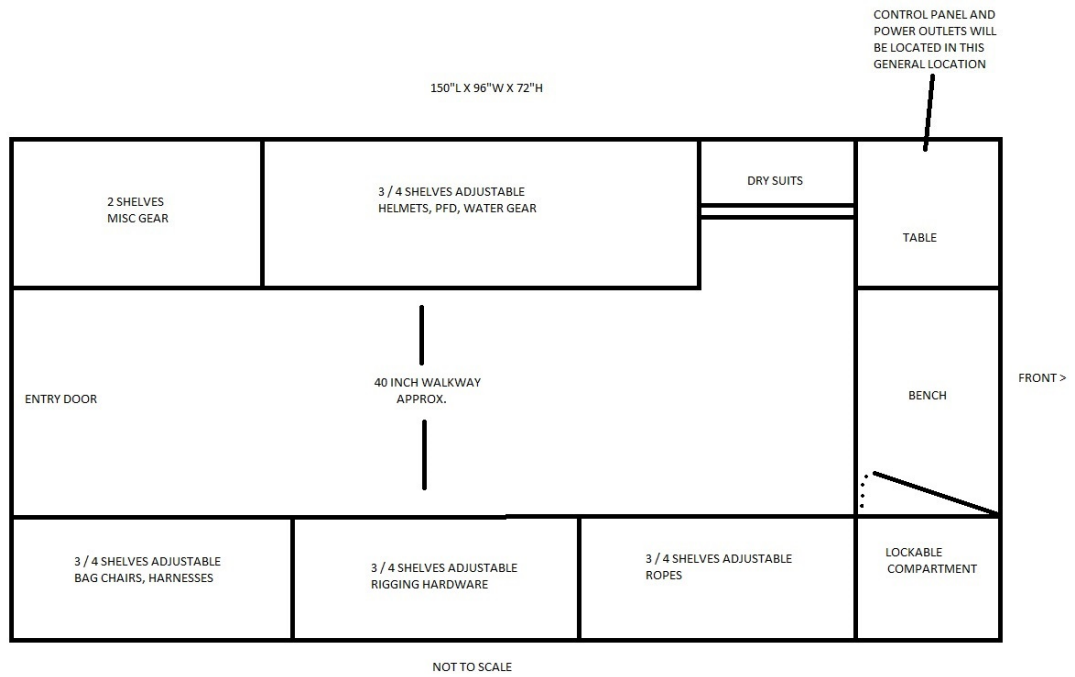
CURB SIDE



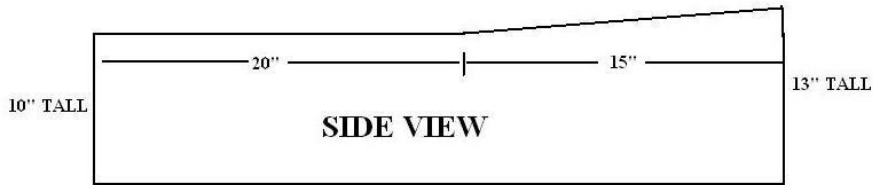
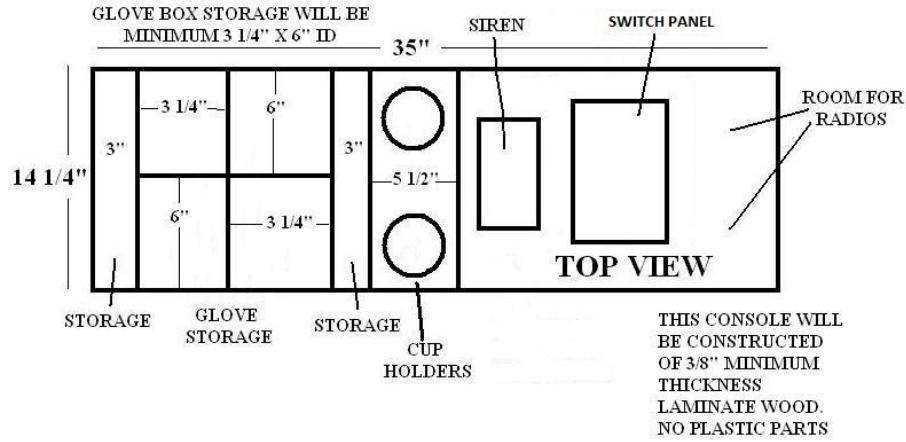
REAR



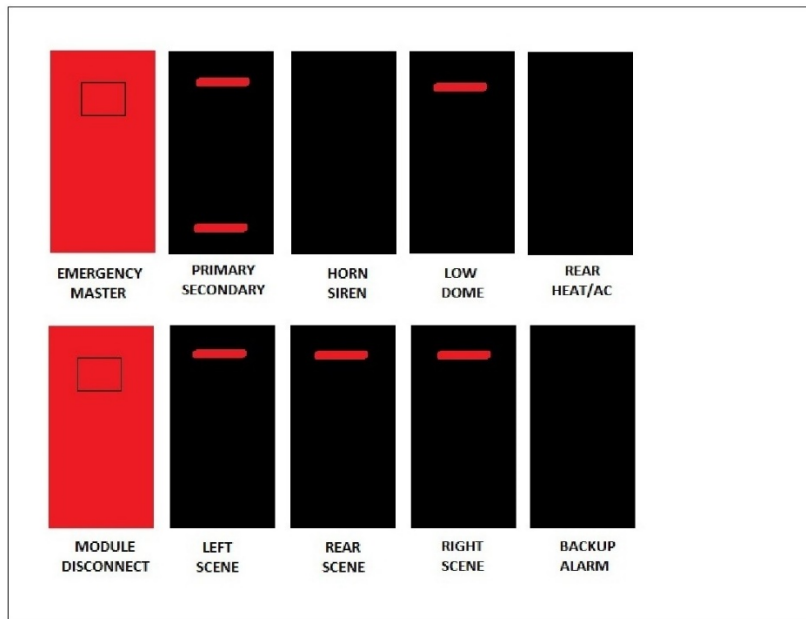
INTERIOR LAYOUT



CONSOLE



SWITCH PANEL



Delea Patterson, AP/Purchasing
City of Gatlinburg
1230 Parkway East
P.O. Box 5
Gatlinburg, TN 37738

RE: One (1) 2018 Rescue Vehicle.

The specifications for the above-mentioned items have been reviewed and the following is offered for purchase and delivery of the following 2018 Rescue Vehicle:

\$ _____
One (1) 2018 Rescue Vehicle

Estimated Days for delivery after bid awarded _____.

If offering Equivalent models, please note in Deviations section below.

All bids are to include delivery to a specified location in Gatlinburg.

Any deviations from these specifications are listed below (use back if necessary).

DEVIATIONS YES ____ NO ____

Bidder Contact Information:

Signed/ Date

Name (Print) Telephone

Company Name Fax Number

Address Email

City State Zip

EACH BIDDER SHALL SUBMIT THIS STATEMENT OF COMPLIANCE WITH THEIR BID.

For Title VI and IX compliance, we ask for voluntary disclosure of the following information:

Gender: Male _____

Female _____

Race: Caucasian _____

African-American _____

Other (specify) _____

BIDDERS LIST

Southeastern Specialty Vehicles
Contact: Tony Tyler
Address: 1250 Industrial Park Way, West
Jefferson, NC 28694 US
Email: Tony.Tyler@ssvsales.com
www.SSVSales.com
Fax Number: (336) 246-6201

Life Line National Sales
PO Box 299
Sumner, IA 50674
Dave Seitsinger
Regional Sales
PH: 563-578-3317
Email: dseitsinger@lifelineambulance.com

Custom Truck & Body Works, Inc.
13787 White House Road
Woodbury, Georgia 30293
PHONE: (706)553-9178
Edward Snider, Vice-President, Sales
edward@customtruckandbodyworks.com
706.601.3414

www.eeproinc.com
2310 Nail Road W
Horn Lake, MS 38637

Taylor Made Ambulance
3704 Medallion Place, Newport, AR 72112
Phone: (800) 468-1310
Fax: (870) 523-4835
Email: taylormade@suddenlinkmail.com

Ferrara Fire Apparatus
Jeff Bagwell
865-719-2653
jeff.bagwell@ferrarafire.com
27855 James Chapel Rd.N
Holden LA 70744

Cumberland Fire Apparatus
Renee Hudson
615-418-6067
rhudson@cumberlandtrucks.com
3504 Dickerson Pike
Nashville TN 37207

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