

BIDDER SIGNATURE PAGE

Rev. 9/20/05

1. If doing business under a **trade name, partnership** or a **sole proprietorship**, you must submit the bid under **exact title** of the trade name, partnership, or proprietorship, and the bid must be signed by either the **owner** or a **partner** and **witnessed** by a **notary public**.
2. If a **Corporation**, the bid must be signed by the **President** or **Vice President** and **witnessed** by **Corporate Secretary**, (Corporate title must be exact) and **affix corporate seal**.
3. Other persons **authorized** by **Corporate Resolution** to execute agreements in its behalf may also sign the bid documents (pages).
4. The Person who signs this bid form **must also sign** the **Non-Collusion Affidavit**.
5. You **cannot** witness your own signature.

First Priority Emergency Vehicles, Inc  
NAME OF BIDDER

2444 Ridgeway Blvd  
ADDRESS OF BIDDER  
Manchester, NJ 08759

TELEPHONE: 973-651-1104

FAX: 973-347-3211

EMAIL: ane@fpj.com

BY: [Signature]  
SIGNATURE

8/25/21  
DATE

Alex Cherepakhov  
PRINT OR TYPE NAME AND TITLE

[Signature]  
SIGNATURE  
CORPORATE SECRETARY

Danna A. Frimberger Exec Admin  
PRINT NAME AND TITLE  
CORPORATE SECRETARY

AFFIX CORPORATE SEAL

**WARNING: FAILURE TO FULLY, ACCURATELY, AND COMPLETELY SUPPLY THE INFORMATION REQUESTED ON THIS PAGE MAY RESULT IN THE REJECTION OF YOUR BID AS NON-RESPONSIVE**

HAVING CAREFULLY READ THE NOTICE TO BIDDERS, SPECIFICATIONS AND INSTRUCTIONS TO BIDDERS, THE UNDERSIGNED HEREBY AGREES TO PROVIDE AND DELIVER CUSTOM STEP VANS FOR THE DIVISION OF MOTOR VEHICLES OF THE COUNTY OF UNION IN ACCORDANCE TO THE SPECIFICATIONS. DO NOT ALTER THE FORMAT OF THE BID FORM PAGE IN ANY MANNER UNDER THE PENALTY OF DISQUALIFICATION.

<u>QUANTITY</u>	<u>DESCRIPTION</u>	<u>UNIT PRICE</u>	<u>GRAND TOTAL</u>
	CUSTOM STEP VANS	X <u>\$155,152.44</u>	= \$ <u>          </u>

BRAND Ford

MAKE, MODEL & YEAR 2022 Ford Transit Cargo Van

T-350 Extended Length, High Roof Van with All Wheel Drive

DELIVERY       \* DAYS AFTER AWARD OR ORDER  
(MAY BE A FACTOR IN AWARD)

Service Shop Location: 160 Gold Mine Road, Building 2  
Flanders, NJ 07836

\* Delivery 10 - 12 weeks (70 - 84 days) after receipt of chassis, signed production and graphic plans and all parts at FPG

NAME OF BIDDER: First Priority Emergency Vehicles Inc.


EXTENSION FORM FOR UNION COUNTY  
COOPERATIVE CONTRACT PURCHASING SYSTEM

ACCOMMODATION OF LOCAL CONTRACTING UNITS WITHIN THE COUNTY OF UNION:

**CHECK HERE IF WILLING TO PROVIDE THE GOODS AND SERVICES HEREIN BID UPON TO LOCAL GOVERNMENTAL CONTRACTING UNITS LOCATED WITHIN THE COUNTY OF UNION, UNION COUNTY COOPERATIVE CONTRACT PURCHASING SYSTEM # CK-06-UNION WITHOUT SUBSTITUTION OR DEVIATION FROM SPECIFICATIONS, SIZE FEATURES, QUALITY, PRICE OR AVAILABILITY AS HEREIN SET FORTH. IT IS UNDERSTOOD THAT ORDERS WILL BE PLACED DIRECTLY BY THE CONTRACTING UNITS, SUBJECT TO THE OVERALL TERMS OF THE CONTRACT TO BE AWARDED BY THE COUNTY OF UNION, AND THAT NO ADDITIONAL SERVICE OR DELIVERY CHARGES WILL BE ALLOWED EXCEPT AS PERMITTED BY THESE SPECIFICATIONS.**

**CHECK HERE IF NOT WILLING TO EXTEND PRICES TO CONTRACTING UNITS LOCATED IN THE COUNTY OF UNION. THIS WILL NOT AFFECT CONSIDERATION OF THIS BID WITH RESPECT TO THE NEEDS OF THE COUNTY OF UNION.**

IF THE LOWEST RESPONSIBLE RESPONSIVE BIDDER DOES NOT EXTEND HIS PRICES TO THE REGISTERED MEMBERS, THE CONTRACT FOR THE STATED NEEDS OF UNION COUNTY WILL BE AWARDED TO SAID LOWEST RESPONSIBLE RESPONSIVE BIDDER AND SPECIFICALLY NOT MADE AVAILABLE TO CONTRACTING UNITS WITHIN THE COUNTY.

  
\_\_\_\_\_  
Initial

NAME OF BIDDER: FIRST PRIORITY Emergency Vehicles, LLC

WARRANTY

Attach copy of warranty to this page.

NAME OF BIDDER: First Priority Emergency Vehicles, Inc  
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160 Gold Mine Rd.  
Flanders, NJ 08736  
973.347.4321  
www.1FPG.com

## STATEMENT OF LIMITED WARRANTY – CONVERSIONS

*For Warranty service, call 973.347.4321 or send email to [Warranty@1FPG.com](mailto:Warranty@1FPG.com)*

**FIRST PRIORITY EMERGENCY VEHICLES INC.** (“FPEV” and “Warrantor”) warrants to **the original retail purchaser** the **WARRANTIES** as stipulated below, or specific manufacturer’s Warranty, from the date of delivery, whichever comes first, and that this product shall be free of **SUBSTANTIAL DEFECTS** in materials and workmanship which are attributable to Warrantor and which arise during the course of normal use and service.

### **WARRANTIES**

**TRUCK CAPS or CAMPER SHELLS:** New commercial truck caps or camper shells are often included in certain conversions. First Priority warrants the installation integrity of these caps for the thirty-six thousand (36,000) miles or three (3) years, and the cap itself is covered to the extent of warranty from its manufacturer.

**BODIES ON CHASSIS:** Some specialty conversion and models include new aluminum or steel custom bodies with vocational purpose that are integrated on to commercial chassis. The integration of these bodies, to include body mounting, wiring, and upfitting is warranted for a period of thirty-six thousand (36,000) miles or three (3) years. The functionality and structure of aluminum or steel bodies is warranted to be free from defects in material and/or workmanship for a period of thirty-six thousand (36,000) miles or three (3) years. (Note: some branded commercially sourced bodies may carry longer warranties.)

**ELECTRICAL:** seventy-two thousand (72,000) miles or six (6) years limited to work performed by FPEV inclusive of the electrical harness and harness installation, front and rear consoles and related components. Chassis electrical system and related components installed by the chassis supplier **are excluded**. [Note: Electrical components, accessories, and/or hardware supplied outside of the base electrical system are covered to the extent of warranty offered on each item by its manufacturer, such as, by example; heating and air conditioning components, power cot fasteners, suspension systems, warning signals, inverter(s), two-way radio or mobile data equipment, generators, hydraulic lifts, and security systems]

**PAINT:** sixty thousand (60,000) miles or sixty (60) months limited to all work performed by FPEV inclusive of peeling or delaminating of topcoat and other layers of paint; cracking or checking; loss of gloss caused by cracking, checking or hazing; and any paint failure caused by improperly applied finishes. **Excluded are:**

- Paint deterioration caused by blisters or other film degradation due to corrosion originating from the substrate.
- Hazing, chalking or loss of gloss caused by improper care, abrasive polishes, cleaning agents, heavy duty pressure washing, or aggressive mechanical wash systems.
- Paint deterioration caused by abuse, misuse, accidents, acid rain, chemical fall out or act of nature.
- Accidents, scratches, chips, bruises, and gloss reduction due to normal vehicle use and maintenance.
- Custom finishes, exotic finishes, or any finish other than standard refinish procedures.
- Finishes on vehicles used for competitive purposes.
- Repairs done over previously refinished areas, unless stripped to bare metal or appropriate substrate by FPEV or an authorized agent.

**GRAPHICS:** thirty-six (36) months and unlimited mileage for graphics produced and installed by FPEV inclusive of striping and lettering. **Excluded are:**

- Graphics failure due to paint deterioration caused by blisters or other film degradation due to corrosion originating from the substrate.
- Graphics failure due to hazing, chalking or loss of gloss caused by improper care, abrasive polishes, cleaning agents, heavy duty pressure washing, or aggressive mechanical wash systems.
- Graphics failure due to paint deterioration caused by abuse, misuse, collisions, acid rain, chemical fall out or act of nature.
- Collisions and scratches due to normal vehicle use and maintenance.
- Graphics failure due to repairs done over previously refinished areas, unless stripped to bare metal or appropriate substrate by FPEV or an authorized agent.

**WARRANTY PERFORMANCE** Owner’s exclusive remedy under this Warranty shall be repair or replacement of defective parts or finishes, free of charge to the Owner. Owner shall bear all expenses arising out of or relating to transporting the product to the appropriate Warranty Service Location.

### **GENERAL WARRANTY EXCLUSIONS** This Limited Warranty **DOES NOT COVER:**

1. Products not manufactured or installed by First Priority, it’s distributor or agent which items include (but are not limited

- to): the chassis and its component parts, tires, tire balancing, wheel alignment, inverters, sirens, light bulbs, light bars, battery chargers, generator, air conditioners, radios, power converters and batteries. The manufacturers of these products may provide warranties covering the performance of their particular products.
2. All accessions (additions, add-on attachments, etc.) to the product not supplied by First Priority and/or that appreciably change the vehicle.
  3. All aftermarket repairs, modifications and alterations performed outside of original product scope.
  4. Products exhibiting damages or fatigue fractures due to collision, misuse, abuse, neglect, overloading, improper installation, severe off-road applications or unusual loads.
  5. Products not maintained in a prudent manner. Damage caused by misuse, neglect, negligence or accident. (Note: Usage of this product in a manner, which is inconsistent with design intentions or inconsistent with owner's manual directions, will invalidate this warranty in regard to damage caused by or relating to such inconsistent usage.)
  6. Products sold by First Priority but manufactured by others (i.e. warning signals, lift gates, inverters, generators, compressors, HVAC components, computer and IT equipment.) (Note: These products are covered exclusively by the product manufacturer's warranty in effect at the time of delivery, if any.)
  7. Paint, decals, or any finish (collectively "finish") not applied by First Priority. Finish deterioration caused by chemical reactions including, but not limited to, acid rain, industrial fallout or improper cleaning materials
  8. Damage to soft trim and appearance items even if such damage is due to normal use, wear and tear, or exposure to elements.
  9. Customer supplied items.
  10. Claims requested without proper guarantee documentation.

**WARRANTY TERMINATION** The following actions or events will result in the automatic termination of this Warranty and relieve Warrantor from any and all obligations under this Warranty:

1. Misuse or neglect of the product, failure to provide reasonable and necessary maintenance, unauthorized alteration or modification, accident or improper loading.
2. Sale of the product by original retail purchaser.
3. The expiration of the Warranty period (s) set out herein.

**WARRANTOR RIGHTS** Warrantor reserves the unrestricted right to change the parts and designs of its products from time to time without notice and with no obligation to make corresponding changes in its product previously manufactured.

**CLAIM PROCEDURES** All Warranty Service is to be performed at Warrantor's factory or at an authorized Warranty Service location. **Warrantor must authorize all Warranty Service in writing, PRIOR to performance.** Such written authorization instructing Owner as to where and when to deliver the product for Warranty Service will be given within five (5) working days of receipt of notification of a defect or malfunction provided that the Warranty covers such defect or malfunction and all other terms of this Warranty have been satisfied in full. Notice shall be presented in writing to First Priority Emergency Vehicles, Inc., 160 Gold Mine Rd., Flanders, NJ 07836 or electronically to warranty@1fpg.com, and must be submitted on or before the date of expiration of the appropriate Warranty period. Notice shall give Owner's name and address, a brief description of the problem, the product model and serial number (if applicable), the date of purchase, product mileage, the name of the dealer who sold the product, the current product location and Owner's location for contact during regular business hours.

**DAMAGE RECOVERY LIMITATIONS** No person shall be entitled to recover from Warrantor for any consequential or incidental damages arising out of or relating to any defect in the product.

**WARRANTY DISCLAIMER**

WARRANTOR HEREBY DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY AND OF FITNESS FOR A PARTICULAR PURPOSE. THERE ARE NO WARRANTIES OF ANY NATURE, EXPRESS OR IMPLIED, MADE BY WARRANTOR BEYOND THE CONTENTS OF THIS LIMITED WARRANTY. NO PERSON HAS AUTHORITY TO ENLARGE, AMEND OR MODIFY THIS WARRANTY. THIS WARRANTY GIVES ONLY THOSE LEGAL RIGHTS SPECIFICALLY ENUMERATED HEREIN. YOU MAY HAVE OTHER LEGAL RIGHTS, WHICH VARY FROM STATE TO STATE. SOME STATES DO NOT ALLOW THE EXCLUSION OF LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES OR OF THE DURATION OF IMPLIED WARRANTIES, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

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**PURCHASER'S SIGNATURE**

**DATE**

**SALES ORDER NO.**

## SPECIFICATIONS

### CHASSIS

A new/ unused 2022 Ford Transit Cargo Van (W3U) T-350 Extended length, high roof van with All Wheel Drive will be provided by the bidder with all standard features of the W3U model and will include the following selected options.

GVWR 9500 lb

Drive All Wheel Drive

Engine 3.5L PFDi V6 Flex-Fuel: port injection (STD)

Transmission 10-Spd Automatic w/OD & SelectShift: auxiliary transmission oil cooler (STD) Rear axle Single rear Wheel. 4.10 Limited-Slip Axle Ratio (STD)

Wheels: 16" Forged Aluminum

Ext Paint Oxford White

Front Seats Dark Palazzo Gray Vinyl Bucket Seats: 2-way manual driver seat, 2-way manual passenger seat and driver armrest (STD)

Fog lamps Front Fog Lamps: Auxiliary lamps that are generally integrated into the front fascia and designed to help illuminate the roadway during poor visibility

Batteries Dual AGM Batteries (70 Amp-hr Each)

Running Boards Extended Length Running Boards: Covers the A-B pillar driver-side and A-C pillar passenger-side

Interior door panels Heavy-Duty Scuff Plate Kit: heavy-duty scuffs for rear cargo doors and side cargo door (60/40) hinged passenger-side door or sliding passenger-side door)

Radio: AM/FM w/SYNC 3 & 8" Screen: Bluetooth, audio input jack, dual USB ports, a colored multi-function touch screen and 4 speakers (front), SYNC 3 Communications & Entertainment

System, 911 Assist, VHR, SYNC Services, AppLink, Bluetooth, steering wheel controls, USB port and auxiliary input jack.

Cruise Control 60C Cruise Control w/Adjustable Spd Limiting Device (ASLD): The ASLD feature is great for city driving; it allows the driver to set an upper speed limit for the vehicle, If the vehicle begins to approach the upper speed limit then audible and visual warning are given.

Reverse sensing 43R sensors in rear bumper

Side sensing system 94A Side Sensing System: Works similar to the reverse sensing system, as it sounds a tone when the vehicle gets close to surrounding vehicles and other objects, Reverse Sensing System

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**EXTERIOR OPTIONS**

**SIDE STEPS**

The vehicle must come with OEM style molded running board steps on the driver and passenger side of the van. Driver side will be A-pillar to B-pillar. Passenger side must cover A-pillar to C-pillar.

**REAR STEP SYSTEM**

There will be a CARR products, retractable rear step installed under the rear bumper. Step will be 31" wide and will be made from 7" wide grip strut, minimum. Step will be spring retractable, and will be activated by using the operators foot.

**EXTERIOR AWNING**

One (1) Motorized Fiamma F65EAGLE awning will be installed on the curb side of the vehicle. This awning will be "Armless" and have a 12 vdc motorized opening / closing system with wind sensor. Model will be 07755H01R. Color will be polar white.

**EXTERIOR GRAPHIC WRAP**

The exterior of the vehicle will be covered with a custom vinyl graphics wrap. This graphics wrap will encompass the entire rear and both sides of the vehicle. Design to be coordinated with the end user's graphic designer. Materials and installation will be provided by the bidder

EXACT COMPLIANCE: YES  \*NO

\*DEVIATIONS: \_\_\_\_\_  
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NAME OF BIDDER: First Priority Emergency Vehicles Inc.

## **INTERIOR OPTIONS**

### **INTERIOR LAYOUT SPECIFICATIONS -**

The section below describes the interior construction and layout for the operation and rear storage area of this vehicle. A detailed 3-dimensional CAD drawing depicting the layout of interior cabinetry and design must be provided with the bidder's response so that the purchasing agency can evaluate the design and concept proposed.

### **INSULATE CARGO VAN INTERIOR**

The interior cargo area walls and ceiling will be insulated with a minimum of 2-1/2" fiberglass insulation having a minimum insulating value of R11. Areas where there are voids that cannot be filled with fiberglass will be filled with spray in expanding foam.

### **WALLS, CEILING AND DOOR COVERING, FRP LAMINATE**

The interior walls will be framed out and covered with 3/8" thick Meranti plywood. Walls and ceiling will be custom cut to match the contour of the vehicle's interior. The walls will follow the curvature of the vehicle to maximize work area spacing. The use of straight vertical walls, leaving large gaps between the vehicle wall and interior wall is not acceptable.

The unfinished walls and ceiling will be prepped, sanded and leveled.

A surface covering of 0.090" thick FRP laminate in gloss white finish will be applied to the walls. The exposed edges will be covered with trim pieces to prevent the carpet from separating from the finish.

### **FLOOR, SUBFLOOR AND LOINCOIN FLOORING**

There will be a 3/4" thick pressure treated plywood sub floor installed in the rear cargo area of the van. The floor will be custom cut to match the floor pattern of the vehicle. After the sub floor has been installed, it will be leveled with filler, sanded to a smooth finish and prepped for a floor covering. Once the sub floor is installed, there entire top surface of the floor will be fitted with a Lonseal "LonCoin" raised coin style ambulance floor. It will be applied using the manufacturer's suggested adhesive and preparation products. All exposed edges will be trimmed with aluminum extrusion to prevent wear and tear.

### **PARTITION, FORWARD**

A vertical partition with 24" center opening will be installed to separate the cab area from the rear operational area. There will be no door. This partition will be set back far enough that the driver and passenger seats can recline to a comfortable position during travel. Partition will be made from 3/4 inch thick 7-ply Medium Density Overlay plywood and be finished with Lonseal Loncoin flooring material on both sides. Color will be dark gray.

### **PARTITION, REAR**

A solid partition will be installed in the rear of the vehicle approximately 30 inches in from the rear dual cargo doors. This partition will separate the rear storage/ generator compartment from the inside operations area. It will be full width and height. It will be constructed of 3/4 inch thick 7-ply Medium Density Overlay plywood and covered with Lonseal Loncoin flooring material for maximum durability.

Generator Compartment: On the rear of the partition will be a generator compartment with sound proof insulation inside.

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This compartment will have a removable, front access cover to access and service the generator listed in this specification.

Table Storage: There must be provisions to accommodate Two (2) 30"W x 60"L folding tables and four (4) folding chairs supplied by the end user. These items will be held in place with adjustable 2" nylon web straps with automotive grade quick release seat belt buckles

EXACT COMPLIANCE: YES  \*NO

\*DEVIATIONS: \_\_\_\_\_  
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**WORK STATION AREA W/ COUNTER**

A work station will be installed on the front street side wall of the operations area, just rear of the front partition divider. It will include a counter top made from Corian counter grade composite material. Edges will be rounded to prevent sharp edges. Dimensions of desk will be 60" W x 24" D.

File drawer cabinet: There will be a three drawer file cabinet installed below the counter with two parts drawers and one file drawer. Approximate dimensions are 27.5" H x 16" wide x 20" deep.

Literature rack: There will be 23 "pocket" vertical, wall mounted literature rack installed to the left of the desk to hold up to 8.5" x 11" literature. Rack will be made of steel and powder-coated black. Rack will be 65" tall x 10" wide.

Task chair: There will be one task chair with arms supplied with the vehicle. Task chair will be fabric padded. Rolling caster wheels will be removed and replaced with rubber anti-slide feet to prevent the chair from moving during transit.

EXACT COMPLIANCE: YES  \*NO

\*DEVIATIONS: \_\_\_\_\_  
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**OVERHEAD CABINET**

There will be a custom fabricated overhead storage cabinet above the work desk. Cabinet will be made from 0.080" thick aluminum sheet metal, welded together. Cabinet will be 48" W x 15" D x 16" T with a horizontally hinged front opening door. Door will have an incorporated positive latch system that incorporates the entire lower portion of the door with 2-point latching system. Door will be held open with properly rated gas pistons. Aluminum surfaces will be powder coat finished with a dry erase white gloss finish.

EXACT COMPLIANCE: YES  \*NO

\*DEVIATIONS: \_\_\_\_\_  
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NAME OF BIDDER: First Priority Emergency Vehicles Inc.

**CONTROL PANEL**

There will be a control panel installed just below the overhead cabinet, above the rear work station. This control panel will have a removable front face to access wiring, fuses and so on in the vehicle's aftermarket electrical system. The removable face will be made of 1/2" thick HDPE composite material. Switches such as interior controls, generator start/stop, etc will be mounted here.

EXACT COMPLIANCE: YES  \*NO

\*DEVIATIONS: \_\_\_\_\_  
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**INTERIOR LIGHTING**

Cab lighting: There will be one Whelen 6" diameter LED light (60C0EJCS) installed between the front driver and passenger seat, on the head liner. Light will have an on/ off switch incorporated into the light.

Operations area: There will be eight (8) Whelen 6" diameter LED lights installed along the ceiling of the operations area. They will be installed in four rows of two lights, evenly spaced from front to rear. There will be a master switch by the side door entrance to turn these lights on.

Rear storage area: There will be a full length, white LED light strip installed to the left and right of the rear door opening and one along the top of the door opening, full width. Lighting will be Technic 1/4" wide LED strip lighting, color white. There will be a master switch to turn on these lights to the right of the rear door opening on the wall.

EXACT COMPLIANCE: YES  \*NO

\*DEVIATIONS: \_\_\_\_\_  
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NAME OF BIDDER: First Priority Emergency Vehicles Inc.

**ON BOARD SECURITY**

**V LINE NARCAN SECURITY BOX**

A V LINE security box will be installed in the rear of the van in a location to be determined. The security box will include the following:

Outside Dimensions: 8.50" H x 14.13" W x 8.75' D

- Capable of assigning 250 users with two authority levels: supervisor or user.
- Alpha-numeric keypad with low battery indicator. Can jump start battery with any USB 2.0 Mini B cable.
- The Audit trail provides a history of the last 1500 access and attempts with date, time & user name. Capable of assigning 250 users with two authority levels: supervisor or user

EXACT COMPLIANCE: YES  \*NO

\*DEVIATIONS: \_\_\_\_\_  
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**ELECTRICAL SYSTEM**

The vehicle's aftermarket 12 volt and 120 volt electrical system will be described in the following section.

**12V DC HARNESS AND ELECTRICAL SYSTEM**

Included with this conversion is an FPEV vehicle specific custom harness system throughout the vehicle including OEM factory style plugs and connectors. All wiring will be GXL wire function coded every 4" and the harness system utilizing a minimum of 10 different colors and will be protected with high temperature convoluted loom. There are no splices or connectors within any harness and anywhere it passes through a wall a snap ring grommet is included. OEM factory style plug in connectors are used where possible eliminating cutting and splicing into factory wiring.

Battery Charger: There will be an 80-amp multi-stage battery charger installed and connected to the auxiliary battery system. This will keep the 12vdc aftermarket system powered while the vehicle ignition is off and the generator or shoreline is powering the 110v portion of the vehicle.

Socket outlets: There will be two (2) marine grade 12v socket outlets installed in the wall above the rear operations desk.

Outlets will be fused at 10 amps each and wired to the auxiliary battery system.

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USB charge ports: There will be two (2) USB dual charge sockets, rated at 2.1-amps per port, installed in the wall of the operations desk. Charge ports will be wired to the auxiliary battery system.

### **SAFETY GRAB RAILS**

For safety purposes, the grab handles will be installed:

Rear seating: There will be one 72" long grab rail installed above each rear bench seat. Grab handles will be made from 1-1/4" extruded aluminum tubing with rubberized grip inserts. It will be held in place with Chrome plated end stanchions with center stanchions placed every 24" inches for support. Two grab rails total. Side entry door: There will be an "L" shaped tubular railing installed on the right side of the side entry door. This railing will be bolted to the partition wall and assist people entering the rear operations area. Railing will be approximately 18" x 18" x 1.25" thick.

### **120VAC DISTRIBUTION SYSTEM**

There will be an 110VAC Electrical distribution panel with six (6) breakers located in the rear storage area of the vehicle.

There will be two (2) 20-amp breakers and four (4) 15-amp breakers. The breaker panel will be supplied by the automatic transfer switch. Breaker panel will protect all 120 VAC systems in the van. All electrical wiring will be copper stranded, solid core wiring must not be used. Wiring passing through walls or outside the vehicle will be run in flexible non-metallic conduit.

Exterior outlets: There will be 120VAC, duplex, GFCI outlets installed on the curb side and street side rear of the vehicle. Each outlet will be rated at 15 amps. Exterior outlets will have a weather proof cover. Two (2) outlets total.

Interior outlets: There will be 120VAC duplex 15 amp outlets installed inside the vehicle in the following locations:

- Two (2) above the work desk in the operations area
- Two (2) on the rear wall partition near the television

Cable reel: There will be one (1) spring rewind cable reel in the rear storage area that will be hard wired to the breaker panel. Reel will contain 100ft of 12/3 cable. This cable reel will have a double gang outlet box with four (4) 15-amp GFCI outlets installed on it.

### **GENERATOR, 7KW**

There will be an Onan CMM-7000 commercial Onan generator installed in the rear of the vehicle. Generator will produce 7000 watts of 120/240 VAC power. Generator will be permanently mounted and installed in a sound proof enclosure. Fuel source will be plumbed from the vehicle's fuel tank, stopping approximately 1/4 of the way from empty so the vehicle can still be started.

There will be a remote start / stop panel installed in the operations area above the rear desk.

An Auxiliary battery will be installed in the rear near the generator. Battery will be isolated from the vehicle's OEM battery system when the ignition key is off. The ignition Key will operate a GIGAVAC 400-amp relay that will combine the two battery banks when ignition is on for charging purposes. When the key is off, the aftermarket installed items will not drain the OEM battery system.

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**AUTO EJECT INLET**

a 20 amp "Super" Kussmaul auto-eject inlet will be installed on the driver side rear corner of the vehicle. Cover color will be white. Inlet will be wired to eject when the key is in the "start" position. Unit will be wired to the 110v automatic transfer switch.

**AUTOMATIC TRANSFER SWITCH**

A 30A, 110VAC automatic transfer switch for two 110VAC power sources will be provided that will switch between the shoreline inlet and the generator system. This switch will work automatically without requiring the operator to control it.

EXACT COMPLIANCE: YES  \*NO

\*DEVIATIONS: \_\_\_\_\_

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NAME OF BIDDER: First Priority Emergency Vehicles Inc.



## **MEDIA & COMMUNICATION**

### **AUDIO VIDEO SPECIFICATIONS**

The audio/ visual presentation components of this vehicle are listed below in the following sections. All components must be designed for mobile applications and be powered off of the on board electrical system and components.

### **EXTERIOR TELEVISION SYSTEM**

There will be an exterior rated, weather proof television installed in a custom fabricated aluminum compartment on the curb-side rear of the vehicle.

Compartment: The compartment will be cut into the side of the vehicle with flange lip that can be sealed to against the OEM body. Compartment will have a 1.5" thick box pan door with secure 2-point rod lock system and 6" stainless steel D-ring handle. Door will be hinged horizontally and act as an awning cover to the TV box when in the open position. Gas charged pistons will be installed to keep the door at slightly higher than a 90-degree open position. Compartment will be made from 0.125" thick aluminum sheet material. Door will be sealed with 2-part bulb gasket material and have a rain drip rail at top.

Television: A SunBrite Pro-Series (SB-V-43-4KHDR-BL) 42" outdoor rated television will fit into the compartment mentioned above. TV will have 700 NIT brightness for full sun light viewing. Remote control included. 1080P, 60Hz, LED-LCD, 2 HDMI inputs, PC input, composite inputs. Dimensions 39"W x 24"H x 5.75"D.

Speaker System: There will be SunBrite exterior rated sound bar installed in the exterior compartment. A/V connections: There will be an HDMI port in the compartment that will run to the operations desk inside where audio/video devices can be connected to the system. An HDMI socket labeled "Exterior Monitor" will be installed.

### **INTERIOR TELEVISION SYSTEM**

There will be an interior rated, 1080P HDTV installed on the rear partition wall facing forward. TV will be permanently mounted on wall with suitable fabricated bracket to withstand a mobile application.

Television: An LG OLED (OLED55B9PUA) 4K Ultra HD TV with HDR contrast. 55" diagonal width. Remote control included. 4K, 60Hz, LED-LCD, 4 HDMI inputs, PC input, composite inputs. Dimensions 48"W x 28"H x 2"D. A/V connections: There will be an HDMI port next to the TV that will run to the operations desk inside where audio/ video devices can be connected to the system. An HDMI socket labeled "Interior Monitor" will be installed.

### **TABLETS**

The bidder will provide two (2) Apple iPad Pro tables with the following specifications:

Screen Size 12.9" screen

Color Space gray

Storage 256GB

Data Wifi + Cellular (End user agency will be responsible for monthly data account)

Accessories Apple Pencil

Apple Pro Folio (Cover & keyboard combination)

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**MOBILE WI FI HOT SPOT**

A mobile WiFi hot spot will be installed in the vehicle in a location to be determined by the customer.

EXACT COMPLIANCE: YES  \*NO

\*DEVIATIONS: \_\_\_\_\_  
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**H.V.A.C.**

**-- HEATING AND COOLING SPECIFICATIONS --**

In addition to the OEM heat and AC, the following heating and cooling systems will be added to the vehicle to cover the rear operations area and storage compartment.

**AIR CONDITIONING**

There will be two (2) 110 Volt, low profile air conditioner units installed on the roof of the vehicle. Each unit will be wired to the on board electrical system. There will be an interior ceiling assembly with adjustable duct ports on the interior ceiling of the vehicle. There will be wall mounted thermostat controls installed on the central control panel above the work desk. Each roof unit will produce 13,500 Btu of cooling, for a total of 27,000 Btu of cooling.

**ESPAR FUEL FIRED HEATER**

To heat the rear operations area of the vehicle, without the engine running, a fuel fired Espar heater will be installed. This unit will connect to the vehicle's fuel tank, similarly to the generator system. It will be electrically connected to the auxiliary rear battery. There will be a thermostat / Timer control installed on the control panel above the work desk in the operations area.

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The heater will be installed in the base of the street side rear bench seat with duct work on the face of the bench blowing heat outward. Exhaust will be ported outside the vehicle. Model will be Espar B2 with Digimax controller and harness assembly.

A carbon monoxide detector will be installed inside the vehicle for safety purposes.

EXACT COMPLIANCE: YES  \*NO

\*DEVIATIONS: \_\_\_\_\_  
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**EXTERIOR PERIMETER LIGHTING SPECIFICATIONS --**

The emergency lighting package on this vehicle will be LED. All lights will be purple in color.

**SCENE LIGHTING**

There will be two (2) Whelen scene lights (M6ZC) installed on each upper side of the vehicle, four (4) total. Each light will have a chrome flange. Light heads will be wired to one of the switches on the rear control panel above the work desk in the operations area.

There will be two Whelen Micro Pioneer (MPPBBS) installed on the rear of the vehicle on swivel pedestal brackets.

Lights will be turned on with a switch on the control panel above the work desk in the operations area.

**GROUND LIGHTING**

There will be eight (8) Technic E41 underbody ground LED lights, color white installed under the vehicle facing the ground. Lighting will be wired to a switch on the Interior control panel. Each light will be installed on a 20-degree stainless steel bracket to face lighting toward the exterior ground perimeter of the vehicle. Beside each ground light will be an LED flashing warning light, color purple, wired to a separate switch on the interior control panel above the operations desk. These lights will face the ground and light up the ground area around the truck when activated.

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**PERIMETER FLASHING LIGHTS**

There will be flashing LED warning lights in the following locations. Lighting color will be purple. Front head lights Nova (P-600) LED inserts, color purple. One (1) in each head lamp, Two (2) total. Rear Reverse light Nova (P-600) LED inserts, color purple. One (1) in each clear portion of the tail lamp housing. Two (2) total.

Grille Lights: There will be two (2) EPG12 6" x 1" purple led flashing warning lights installed on the front grille.

EXACT COMPLIANCE: YES  \*NO

\*DEVIATIONS: \_\_\_\_\_  
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NAME OF BIDDER: First Priority Emergency Vehicles Inc.