

Ladies/Gentlemen:

Attached are Specifications for both a Type I and a Type III ambulance. These are Requests for Quotations for a new ambulance for the Brentwood Fire Department.

It is understood that the actual layouts and specifications may be slightly different due to individual manufacturer's specific design. For instance, the design of the electrical routing, air conditioning, etc. may require alteration of cabinet layouts slightly.

Any questions contact Chief Kevin Lemoine at 603-642-8132

Chief Kevin Lemoine
Brentwood Fire Department
419 Middle Road
Brentwood, NH 03833

Brentwood Ambulance Specifications/Requirements

Ambulance must fully comply with all Federal Specification KKK-A-1822. In addition the ambulance must comply with all Federal Motor Vehicle Safety Standards and Society of Automotive Engineer Standards.

CHASSIS

2013 Ford F4/550 4x4 DRW189"WB,~18,000# GVWR
6.7 L Pwr Stoke V-8 Turbo Dsl, Ambulance Prep Package
Five Speed Automatic Transmission w/OD
Auxiliary Transmission Oil Cooler
Limited Slip Rear Axle
Handling Package-HD Shocks and Stabilizer Bars
Heavy duty Cooling System
Dual Alternators(Leece/Neville if available)
High Idle Throttle-disengagement via foot brake and switch at operators console
Dual Batteries
50 Gallon Fuel Tank
Air Ride System-As Specified by Brentwood
Dual Air Bags
Power Side Mirrors-Heated
Auxiliary Heater and A/C Package
AM-FM Radio
Bucket Seats, Carpeted Floors, Tilt and Cruise, Power Windows
Console capable of holding 2 boxes of gloves and to include cup holders
Back-up Camera
Hidden Outside Unlocking capabilities
Rustproofing

PATIENT MODULE

Module

Module to be constructed of Aluminum
168-170"X96" with 72" headroom

Exterior Compartment Configuration

- *Interior of all Exterior Compartments to be coated with durable epoxy type coating
- *Interior of all Exterior Compartments to have rubber matting
- *All Exterior Compartments to have interior lighting-switched on when Compartment doors are opened.
- *Left Front and Left Rear Exterior Compartments to be vented.
- *Interior of all Exterior Compartment doors to have Reflectors or Reflective tape.

*Side Entry, Right Rear, Left Rear doors to have Red LED lighting switched on when open

*Right rear compartment for Backboard storage...to hold 3 longboards, 1 scoop, 1 Pedi board, stair chair, straps and headblocks. Dividers, shelving and Straps for securing as required. Compartment to be separated with three shelves to be accessible from the inside. Dimensions approx. 24"Wx72"Hx22"D. Three shelves to be approx. 8"W.

*Right front compartment to be accessible from both inside and outside. Dimensions to be approx. 24"Wx72"Hx36"D. Compartment to have bottom plus two adjustable shelves. Slideout shelving a preferred option, with each shelf capable of holding 150#.

*Left rear compartment-approx. dimensions to be 36"Wx60"Hx20"D. This compartment to be accessible from outside only.

*Left center cabinet-approx dimensions of 48"Wx40"Hx20"D. To include one adjustable shelf.

*Left front cabinet to be lighted. Dimensions to be approx 22"Wx72"H. Dividers and hardware to accommodate two M size O2 tanks, a rechargeable Survivor Lightbox(preferred) or equivalent. A shelf shall be provided across the top for MCI equipment storage.

Windows

*Curbside Door, Sliding, Tinted Glass with Screen(or privacy laminate)

*Rear Doors, Fixed, Tinted(or privacy laminate)

Rear Bumper

*Diamond Plate or Non-Skid Expanded Metal with Center Flip-up and Under Body Skids with Tow Eyes

Fender Flares

*Black Rubber

Skirt Rails

*Lower, Diamond Plate or Black Rubber(preferred)

Kickplate

*Diamond Plate with recessed Tag Area

Insulation

*Foam/Fiberglass as required, non-settling, self-extinguishing.

Paint Design

*Black/Red/Gold/with Graphics and Rear Chevron striping as specified by Brentwood

EMERGENCY LIGHTING

*All Lighting to Conform to all Applicable NFPA Specs and KKK-A-1822E Specs.

*LED lighting preferred.

*Each individual light group to have a separate rocker switch. A Master switch will turn on and off all light groups selected.

Light Bar

*Auxiliary Light Bar, Switchable. LED. Box Mounted LED lights an acceptable alternative to Light Bar

Flasher

*Primary/Secondary Dual Mode Solid State

Wig Wags

*Alternating headlight-Switchable

Grill Lights

*Two Red LED ~7"x3"

Intersection Light

*Four Red LED ~7"x3" One in each front fender and one over each rear wheel well.

Warning Lights

*Ten Red LED, 9"x7", Two Front, Two each side, Four rear(upper and lower rear to alternate flash sequence)

*One Amber LED, ~7"x3" Front(May be Incorporated in Light Bar)

*One Amber LED, 9"x7" Rear

Load Lights

*Two LED 9"x7" To be switched on in Reverse or upon opening Rear Doors. Also operable via Rocker Switch on Control Panel.

Scene Lights

*Four LED 9"x7", Two Each Side. Right side to be switched on upon opening Side Door. Manual Rocker Switch for Right and Left on Control Panel.

Tail Lights

*Sealed Tail Lights Installed in Kick Plate

DOT Clearance Lights

*Three Amber Front, Three Red Rear, Corner Lights as Required

Spotlight/Flashlights

*Portable Handheld Mounted in Left Front Cabinet-Survivor Lightbox(preferred)or equivalent

*Hand held Spotlight in Cab-Hard wired with 500,000cp-accessible to both driver and passenger

*Rechargeable Flashlight mounted on Console in Cab-Survivor Streamlight(preferred)or equivalent.

Back-Up Alarm

*Installed in Rear of Vehicle with Console Mounted Cut-Off Switch

Interior Patient Lighting

*Six Halogen Lights or Warm LED lights(preferred)Mounted in Headliner, Three over Cot, Three over Bench

*Fluorescent Lighting with Separate Switching

*Under Cabinet Lighting in Action Area

Siren/Siren Speakers/Air Horns

*To be Specified by Brentwood, Control mounted in Console

*Dual Speaker/Drivers Mounted in Grille. Combination Siren/Light mounted under headlights, Whelen or equivalent.

*Air Horns

Opticon

*Opticon and Controls to be supplied. 3M Brand. Rocker Switch on Control Panel.

CABINETS AND HARDWARE

- *All Cabinets to have Lexan Sliding Doors with Latches(some Lockable)as Specified
- *Lexan Sliding Door frames to be hinged with piano hinges(SS)for cabinet access.
- *Cabinets to be Covered with Laminate as Specified-such as Formica or Aluminum Cabinets covered with Epoxy coating.
- *All hardware to be Stainless Steel
- *Bottoms of Interior Cabinets and Work Surface in Action Areas to be Stainless Steel
- *Backsplash in Action Area to be Stainless Steel.
- *One heated cabinet or drawer.
- *Layout to be Chosen with Brentwood

Infectious Waste and Trash Containers

- *At least Two Sharps Containers
- *Open, Accessible Infectious Waste and Trash Containers...Placement by Brentwood

Overhead and Wall Cabinets

- *As Specified by Brentwood(Dimensions may vary due to design)

Left Rear Cabinet

- *Approximate dimension 36"Wx20"H. One adjustable shelf.

Cardiac Monitor Counter

- *Located to the rear of the CPR seat. Counter to be at least 20"W. One electrical outlet to be supplied in this area. Shelf mount bracket for monitor/defibrillator.

Upper Cabinet

- *Above Cardiac Monitor Counter-dimension approx 20"Wx12"H

Drawer

- *Directly under Cardiac Monitor Counter-dimension approx 18"Wx6"Hx15"D.

CPR Seat

- *To Have Latchable Fold Down Cover for Increased Work Surface

Action Area Cabinets

- *Cabinet above Action Area to be length of Counter and at least 12"H.

Action Area

- *Full backsplash of Stainless Steel

Attendant Seat

- *Heavy duty with built in Child Seat
- *Mounted with swivel and positioned to both access head of stretcher and desk area.

Desk

- *Passageway to Cab to be converted to Desk/Work Area. Work surface to be approx 30"H. Area beneath Work surface to be a closed storage area with capabilities of storage of portable O2 cylinders. Front wall above Work surface to be an open window to Cab. Two Electrical outlets to be supplied in this area.

Desk Cabinet

- *Above Desk and window-Width of Desk and approx 12"H

Right Front Cabinet

- *To Be Accessible from both inside and outside as specified above. One electrical outlet to be provided.

Squadbench

*72" Bench with Three Individual Seat Belted areas, Capable of Securing a Backboarded Patient, With End Rail/Sharps Box Holder/Waste Box Holder.

Squadbench Cabinets

*Length of Squad Bench and approx 12"Hx12"D

Glove Cabinet

*Suitable for Three sizes of gloves-above Side Door or Squad Bench

Right Rear Cabinet

*Open to outer Cabinet shelving. Approx 8"Wx36"H

Grabrail

*Full Length Mounted to Headliner with Rounded Ends

Assist Handles

*One on Each Entry Door

I.V. Holders

*Two Double IV Holders Mounted in Headliner per Brentwood

FLOORING

*Flooring to be commercial grade rubber diamond plate anti skid. Flooring to be seamless and roll up 3-6" on cabinet wall and under crew bench. Brushed Stainless Steel kickplate above the flooring up to the level of the crew bench.

STRETCHER

*Stryker Power-PRO XT

STAIR CHAIR

Stryker Stair PRO Model 6252

OXYGEN/VACUUM/EXHAUST

Oxygen Outlets

*Two Ohio Style Fitting in Action Area

*One Ohio Style Fitting Overhead Mounted in Headliner

*One Ohio Style Fitting Mounted on Right Wall Behind Work Bench

*No Electrical Solenoid on O2

Vacuum Pump

*Switchable from Action Area Switch Console

*Vacuum Regulator at Vacuum Cannister Site-Specified by Brentwood

*Vacuum Container Holder to Hold Disposable Vacuum Cannisters

Exhaust Fan

*Located in Left Rear of Patient Compartment, Switchable from Action Area

ELECTRICAL

Heat/Air Conditioning System

- *Thermostatically controlled-Controls to be located in switch panel in Action Area
- *HEPA Filtered

Circuit Breakers

- *Solid State, Auto Resetting, Pole Style
- *Easy Access

Wiring

- *All wiring to be marked and loomed

Shoreline

- *Mounted Front Left of Patient Module-Auto eject Kausmull type
- *15-20 Amp GFI Protected Plug

Electical Outlets

- *Six twin outlets, location as specified by Brentwood-Cardiac Monitor Shelf(1), Action Area(2), Desk Cabinet(1), Desk(1), Right Front Cabinet(1)

12 Volt Outlets

- *Two Milspec Medical Outlets-One in Action Area, one in desk area

Clocks

- *Backlit clock, min 6" diameter above rear doors or CPR seat

Inverter

- *20 Amp, Switchable in Action Area Console
- *Located in Cabinet under desk

Battery Conditioner

- *Connected to Shore Line

Radio Prep

- *Wiring to be supplied in Cab and to Action Area. Wiring for Antenna to be included.

Spares

- *Minimum of one ea. of every type of bulb used for Interior and Exterior lights
- *Minimum of one ea. of each type of switch used

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6.8L Triton V10 Gas, Ambulance Prep Package
Five Speed Automatic Transmission w/OD, or
2013 Chevy 4500 Dual Rear Wheel Cutaway, 158" WB~14,500GVWR
6.6 Duramax 6600 TurboDiesel
Six Speed Automatic Transmission
Auxiliary Transmission Oil Cooler
Limited Slip Rear Axle
Handling Package-HD Shocks and Stabilizer Bars
Heavy duty Cooling System
High Idle Throttle-disengagement via foot brake and switch at operators console
Dual Batteries
Dual Alternators(Leece/Neville if available)
50 Gallon Fuel Tank
Dual Air Bags
Power Side Mirrors-Heated
Auxiliary Heater and A/C Package
AM-FM Radio
Bucket Seats, Carpeted Floors, Tilt and Cruise, Power Windows
Console capable of holding 2 boxes of gloves and to include cup holders
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Kickplate

- *Diamond Plate with recessed Tag Area

Insulation

- *Foam/Fiberglass as required, non-settling, self-extinguishing.

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*Alternating headlight-Switchable

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- *Backsplash in Action Area to be Stainless Steel.
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I.V. Holders

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Interior Lighting

*Interior lighting to be Warm LED-Overhead(at least two zone), Action area, Desk

FLOORING

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*Easy Access

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