

# Whitley County Fiscal Court

## Type I Ambulance Specifications

### CHASSIS MANUFACTURER AND MODEL YEAR

The chassis shall meet the requirements of this specification. It shall be a 2022 or newer Ford.

### MODEL PHYSICAL CHARACTERISTICS

|                           |  |            |
|---------------------------|--|------------|
| Vehicle:                  | Ford Chassis Cab   |            |
| Body Style:               | Super Duty F-350 Dual Rear Wheel                           |            |
| Drive Train:              | Four Wheel Drive   |            |
|                           | 213 Electronic Shift on the Fly                            |            |
| Model Number body code:   | F3H Regular Cab 169" wheel base XLT                        |            |
| Gross Axle Weight:        | Front  | Rear       |
|                           | 5,990 lb.  | 10,040 lb. |
| Gross Vehicle Weight      | Rating   |            |
|                           | 14,000 lb.   |            |
| Engine Type:              | 99T 6.7L Diesel V8 with 98R Manual Regen                   |            |
| Displacement              | 6.7 liters   |            |
| Fuel System               | Turbocharged DI  |            |
| SAE net HP                | 330 @ 2600 RPM   |            |
| SAE net Torque            | 750 foot pounds @ 2000 RPM                                 |            |
| Wheelbase:                | 169 inches   |            |
| Transmission:             | 10 - speed Automatic, Electronic                           |            |
| Rear Axle Ratio:          | 4:10 L/S Wide  |            |
| Tire Size:                | LT245/75R17E, BSW All Season, 2 front, 4 rear              |            |
| Spare Tire Size:          | LT245/75R17E, BSW All Season                               |            |
| Wheels                    | All including spare, steel 17"                             |            |
| Brakes:                   | ABS System, Power Disc Brakes front and rear.              |            |
| Engine Block Heater:      | Code 41H   |            |
| Alternators:              | Dual HD Alternators, Code 67B                              |            |
| Batteries:                | Dual, 78-AH 750 CCA  |            |
| Fuel Tank:                | Single 40 Gallon, aft of rear axle                         |            |
| Exterior Upgrade Package: | 647A   |            |
| Interior Upgrade Package: | 647A   |            |
| Cab seating:              | Code 3- 40/20/40 cloth                                     |            |
| Ambulance Prep. Package:  | Code 47L   |            |
| Steering:                 | Power  |            |
| Stereo                    | Sync 3 touchscreen communication and entertainment system\ |            |
| Running Lights            | Day Running Lights, Code 942                               |            |
| Pedals                    | Adjustable Gas and Brake Pedals, Code 62M                  |            |
| Rear Suspension           | Liquid Ride for F350 4x4                                   |            |

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This unit built in accordance with CAAS GVS 2.0

Y\_\_\_N\_\_\_

Unit built in accordance with CAAS GVS 1.0 for Ground Vehicle Standards and will be certified and labeled accordingly.

As evidence that the modular ambulance body meets the above criteria, the FSAM's shall furnish a certification that the modular ambulance body meets the testing requirements of SAE J3057.

Installed Oxygen cylinder, suction, cardiac monitor, and fire extinguisher mounting devices shall meet the performance requirements of SAE J3043.

- 1) All interior enclosed stowage devices shall be tested to their rated weight capacity in accordance with the requirements of SAE J3058.
- 2) Stowage devices shall not come open in transit.
- 3) Storage for the main oxygen cylinder shall be accessible for replacement from an outside position.
- 4) The oxygen compartment shall be provided with at least a 9 sq. in. of open vent to dissipate/vent leaking oxygen to the outside of the ambulance.
- 5) Oxygen cylinder compartment shall not be utilized for storage of any other equipment.
- 6) All interior enclosed stowage devices shall be labeled with their rated weight capacity.

A complete litter fastener assembly shall be furnished. The installed litter fastener device for wheeled cots shall meet the performance requirements of SAE J3027.

The litter fastener device shall be installed according to the litter fastener manufacturer's instructions. The ambulance floor and substructure shall be tested in accordance with the dynamic requirements of SAE J3102.

The ambulance shall have a piped medical oxygen system capable of storing and supplying the minimum requirements in liters of medical oxygen as specified by the purchaser. The installed medical oxygen piping shall be leak tested to 80 PSI. After the successful completion of piping test, the system shall be completely assembled and the flow rate of the outlets tested with the system pressurized at normal working pressure. The system shall be capped then tagged with date and signature of person and firm performing the tests.

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## Type I Ambulance Specifications

Full compliant bid taking no exceptions

Y\_\_N\_\_

Any exceptions to the bid must be attached on separate sheet with the header and the exception taken.

Type I Ambulance Module 146"x90"x68"HR

Y\_\_N\_\_

The module shall be minimum of 146"x90"x68" headroom.

Aisle Space 49 inches

Y\_\_N\_\_

Minimum of 49 inch aisle space in module.

5 (five) Exterior Compartments (drawings attached)

Y\_\_N\_\_

Minimum of 5 Exterior Compartments—attach drawings.

Polyurethane Coating each compartment

Y\_\_N\_\_

Polyurethane coating in each compartment light gray color.

Fuel Fill Housing

Y\_\_N\_\_

Aluminum cast fuel fill housing.

Module entry and compartment handles

Y\_\_N\_\_

Trimark paddle Black/chrome on all module entry and compartment doors.

Compartment Gas strut hold open

Y\_\_N\_\_

Gas strut hold-opens on all compartment doors.

Door panels entry doors

Y\_\_N\_\_

Stainless steel door panels on entry doors with chevrons.

Fender Flare

Y\_\_N\_\_

Fender flares bright finish over rear wheels.

Rear bumper

Y\_\_N\_\_

Rear bumper with gator grip flip up step.

Skirt rails

Y\_\_N\_\_

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## Type I Ambulance Specifications

Extruded rubber skirt rails.

Kick plate

Y\_\_N\_\_

Rear diamond plate kick plate above rear bumper with LED stop, turn and backup lights.

Stone Guard Front

Y\_\_N\_\_

Front stone guard diamond plate.

License Plate Holder

Y\_\_N\_\_

License plate holder made of aluminum in rear kick plate with LED light.

Running Boards

Y\_\_N\_\_

Aluminum running boards with gator grip.

Rear Mud Flaps

Y\_\_N\_\_

Rubber rear mud flaps.

Module Paint

Y\_\_N\_\_

OEM White Sikkens FA91:YZ

Graphics

Y\_\_N\_\_

32" Blue Star of Life installed on roof. Graphics package consistent with fleet installed.

Heat/AC

Y\_\_N\_\_

Rear Heat/AC unit with thermostat in action area.

Battery Switch

Y\_\_N\_\_

Cole Hersey Manual battery switch for module power.

Coax cables

Y\_\_N\_\_

RG58/U Coax cables installed to roof with termination TBD upon order

Two (2) Outlet 12V "Cigar Lighter"

Y\_\_N\_\_

Outlet, Cigar Lighter style on standard 20-amp ignition hot circuit. One in action area and one in RF cabinet.

Two (2) USB outlets

Y\_\_N\_\_

Outlet, Kussmaul, USB direct port, 5VDC, 3 amp output. One on engine cover console switch panel and one in action area panel.

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## Type I Ambulance Specifications

Two (2) Power Source, 12VDC Y\_\_N\_\_

Power source, 12VDC, one pre-wire coil in action area and one behind driver's seat.

Shoreline inlet Y\_\_N\_\_

Super Auto Eject, 20amp, yellow cover.

Three (3) 125 VAC outlets Y\_\_N\_\_

Outlet, 125 VAC, duplex. One in action area, one in RF cabinet and one additional TBD upon order.

Inverter Y\_\_N\_\_

Vanner, 20-1050CUL-DC inverter installed.

Cab console Y\_\_N\_\_

Cab console, pass thru mica finish with switch panel and smart voltmeter.

Emergency Master Y\_\_N\_\_

Emergency Master switch, non-sequenced.

Siren Speakers Y\_\_N\_\_

Cast SAD/SPAD3827-20FSD-1 F-series thru front bumper siren speakers.

Whelen Siren Y\_\_N\_\_

Whelen WS-295-SLSA1 with thru horn ring switch.

Red Whelen 900 SUPER LED Series lights Y\_\_N\_\_

Red Whelen 900 LED series Lights. Seven across front, two on each side(4 total) and four on rear.

Clear Whelen 900 SUPER LED Series Lights Y\_\_N\_\_

Clear Whelen 900 LED series light on front of module.

Amber Whelen 900 SUPER LED Series Lights Y\_\_N\_\_

Amber Whelen 900 LED series light on rear of module.

Grille and intersection lights Y\_\_N\_\_

Whelen 5L LIN6 LED lights in grille and intersection locations.

Clearance lights Y\_\_N\_\_

Clearance lights on front and rear of module are to be LED. Front in amber and rear in red.

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|   |        |
|---|--------|
| Marker lights   | Y__N__ |
| Red LED marker lights installed in the side of rear bumper.   |        |
| Whelen Load and Scene lights  | Y__N__ |
| Whelen 900 series LED load and scene lights. Two each side on scene lights and two in rear load lights. Rear load will engage with rear doors opening and curbside scene lights will engage when curbside door is opened. |        |
| Tail lights LED   | Y__N__ |
| Truck light LED tail lights with incandescent reverse.  |        |
| Six (6) LED interior dome lights  | Y__N__ |
| Interior dome lights will be Whelen LED with white flange. Three curbside and three streetside.   |        |
| Stepwell Light  | Y__N__ |
| Whelen TOCACCCR 2 inch LED stepwell light.  |        |
| Action Area Light   | Y__N__ |
| Intertek ZY-PIR38 12 volt LED in Action Area.   |        |
| Spotlight   | Y__N__ |
| Handheld spotlight Novatech Nighthawk 2000, 100,000 candlepower.  |        |
| Compartment lights LED  | Y__N__ |
| Whelen TOCACCCR 2 inch LED in all exterior compartments.  |        |
| Timer   | Y__N__ |
| 15 minute twist style timer installed at head of squad bench wired to streetside high.  |        |
| Grab rail overhead  | Y__N__ |
| Overhead grab rail stainless steel.   |        |
| Three (3) Handrails   | Y__N__ |
| Handrails, "L" shaped, stainless steel on entry doors.  |        |
| Fixed Oxygen rack   | Y__N__ |
| Zico QR-MV Oxygen rack with straps and uni-strut track mounting.  |        |
| Two (2) Oxygen outlets  | Y__N__ |
| Oxygen outlets, Ohio style with one in action area and one curbside.  |        |

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## Type I Ambulance Specifications

|  |        |
|--|--------|
| Fixed suction  | Y__N__ |
| SSCOR 23002 Fixed suction with container holder conforming to J3043 requirements.                                |        |
| Cot mount  | Y__N__ |
| Two (2) IV Hooks   | Y__N__ |
| Cast, fold down, recessed IV hooks.  |        |
| Net Squad Bench  | Y__N__ |
| Net, Squad Saver installed at the head of the squad bench with removable latches.                                |        |
| Seatbelt Assembly on module seats  | Y__N__ |
| 4-Point Per4Max with two on squad bench and one on CPR Seat.   |        |
| Stair chair Storage  | Y__N__ |
| Interior storage for stair chair with quick clip adjustable strap and stop block installed at bottom of cabinet. |        |
| Mica   | Y__N__ |
| Customer selected Mica color   |        |
| Upholstery   | Y__N__ |
| Seamless upholstery in customer selected color.  |        |
| Attendant Seat   | Y__N__ |
| Attendant seat in customer selected color with swivel mount.   |        |
| Flooring   | Y__N__ |
| Lonplate flooring in customer selected color.  |        |
| RF cabinet doors   | Y__N__ |
| RF cabinet doors dual wood.  |        |
| Polycarbonate Doors  | Y__N__ |
| Clear polycarbonate doors with change 10 compliant fastening system.   |        |
| Interior Cabinets with CPR Seat and telemetry area   | Y__N__ |
| Interior cabinets with CPR seat and telemetry area. Attach drawings.   |        |
| Spare Tire   | Y__N__ |

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Spare tire/wheel ship loose.

Two (2) Fire Extinguishers

Y\_\_N\_\_

5lb. ABC fire extinguisher ship loose.

Wheel Covers

Y\_\_N\_\_

Phoenix Wheel covers installed.

Narcotic Lock Box

Y\_\_N\_\_

Aftermarket narcotic lock box installed to house service's kit with key.

Curbside step

Y\_\_N\_\_

Kwikie Electric Step for curbside entry door.

Back up Camera

Stryker Power-Load System with Power-Pro XT Stretcher with IV Pole, Oxygen Holder, Catch-All, Monitor Hook included in truck.

Warranty—list warranties by months/miles in each section.

|            |  |
|------------|--|
| Conversion |  |
| Paint      |  |
| Structural |  |
| Electrical |  |

Attachments—please include the following attachments to each bid.

|                   |  |
|-------------------|--|
| Interior Drawings |  |
| Exterior Drawings |  |
| Warranty Booklet  |  |
| Exceptions Page   |  |