

**TOWN OF WISCASSET MAINE
OFFICE OF THE TOWN MANAGER**

**Request For Proposals
Type III Ambulance**

Date Due:
December 1, 2020

Invitation for Proposal

The Town of Wiscasset Maine invites interested vendors to submit proposals for a **Type III Ambulance** that meets or exceeds the following specifications.

The Wiscasset Ambulance has established a list of minimum requirements for the **Type III Ambulance**. *It is our intention not to write a detailed specification, but to allow your company to offer your product, with your specifications following our minimum requirements.*

The Town of Wiscasset reserves the right to reject any and all proposals not conforming to the specifications or deemed not to be in the best interest of the town. The Town Selectman will review the process and will have the final determination in awarding the bid.

The quality and serviceability of the Ambulance, as well as service location, parts availability and the vendor's experience will also be considered for the final selection.

Bid Specifications
Type III, 2020/2021 Ford E450, DRW 158”
Wheelbase

1. Chassis

- A. 7.3L V-8 Gas engine
- B. 5-Speed Automatic Transmission with overdrive
- C. GVW: 14,500 pounds FAWR: 5,000 pounds, FAWR: 9,500 pounds
- D. E450 Leaf springs, single stage (OEM)
- E. Cloth Cab seats in Gray
- F. Cab floor rubber mat E-series Ford
- G. 4-Wheel disc/anti-lock power assist brakes
- H. Tilt steering wheel w/speed control
- I. Power door locks, remote FOB
- J. Phoenix stainless steel wheel simulators
- K. Shock absorbers: OEM, HD gas type 1.38 inch
- L. Front & Rear sway bar—OEM
- M. Tires: (6) All season, Random Make LT225/75 R16, LRE
- N. One spare tire, Random Make LT225/75 R16, LR E
- O. Alternator, OEM Single, 225Amp Motorcraft
- P. Radio, AM/FM/CD with input jack OEM w/2 cab speakers
- Q. OEM Black Telescope side mirrors
- R. 47A Ambulance Prep package—E-Series

2. Body:

Ambulance Module

- A. Recessed into cab a minimum of 8”

- B. Minimum of 170” long & 95” wide
- C. Minimum of 72” headroom
- D. Side walls: minimum .125 thickness aluminum—single sheet
- E. Roof: Minimum .090 thickness aluminum—single sheet
- F. Step well curbside entry: 2-step DP, elongated for portable O2
- G. Step well light: 3” round, white
- H. Running Boards: Diamond Plate with grip strut
- I. Front & Rear stone guards—minimum 17” tall aluminum diamond plate
- J. Rear kick plate: Polished Aluminum Diamond Plate
- K. 2 Rear Grabber style Door Hold Opens
- L. Stainless door sill on Left Front exterior cabinet #1 and Right Rear Cabinet #5
- M. Two cast iron recovery hooks

3. Exterior Compartments: All compartments shall be welded aluminum diamond plate including door panels with stainless steel sills. Vents from interior to exterior. Paddle type handles & gas-spring pneumatic door checks standard. Floors are swept-out type. Surface mount light in each compartment. Each compartment shall have recessed LED lighting.

A. Left Front Lower

- i. Minimum 58” High x 21” wide x 19” deep
 - 1. Single door

B. Left Front Upper

- i. Minimum 18” High x 21” wide x 19” deep
 - 1. To house inverter
 - 2. Single door

*Left upper and lower cabinets may be combined as one with a moveable shelf

C. Left Front Middle Comp.

- i. Minimum 31" High x 44" Wide x 19" Deep
 - 1. Double doors
 - 2. Bio-waste close-out
- ii. One Adjustable shelf *and* one fixed shelf

D. Left Rear

- i. Minimum 31” High x 33” Wide x 11” Deep
- ii. Single door

E. Right Rear

- i. Minimum 79” High x 21” Wide x 21” Deep
- ii. Single door

- iii. One full height divider centered in the compartment
- iv. Three adjustable shelves, forward of the divider
- v. 2" Webb strap with chrome metal seatbelt buckle attached with 2" footman loops

F. Right Rear Forward

- i. Minimum 19" High x 13" Wide x 19" Deep
- ii. Single door

G. Right Forward

- i. Minimum 42" High x 29" Wide - Inside/Outside access
- ii. Single door

H. Right Forward lower (located below inside/outside cabinet forward)

- i. Minimum 12" high x 29" Wide x 21" Deep
- ii. Battery Draw

4. Exterior Lighting

All exterior lighting to have chrome-like flanges unless otherwise noted

A. ICC/Warning Lights & DOT Marker lights

- i. Front & Rear corner cap Red/white LED ICC/Warning lights
- ii. Front & rear (3 each amber & red) center LED ICC/Warning lights
- iii. Two side red LED marker lights that flash alternately with the rear turn lights

B. Front Turn Signals

- i. (2) Whelen 700 amber turn signals with arrows—front of box below front emergency lights

C. Tail Lights

- i. Whelen 600 LED Stop/Tail/Turn Light cluster

D. Scene/Load Lights

- i. (2) Left Scene Lights: Whelen 900 Halogen
- ii. (2) Right Scene Lights: Whelen 900 Halogen
- iii. (2) Rear Load Lights: Whelen 900 Halogen

E. Front Emergency Lights

- i. Front Light bar: Whelen 4500 86" LED, 7 heads R/R/R/C/R/R/R
- ii. Opticom: 3M Brand Opticom unit installed built into light bar
- iii. Four Grille Lights: Whelen TIRLIN3 LED, (2) Red LED w/clear lenses, (2) White LED w/clear lens

F. Side Warning Lights

- i. Two Front Intersection lights, Whelen 700 SLED, Red LED with clear lenses.

- ii. Four Side Warning lights, Whelen 900 SLED, Red LED with clear lenses

G. Rear Warning Lights

- i. Two Rear Warning lights, Whelen 900 SLED, Red LED with clear lenses
- ii. On center Warning light, Whelen 600 SLED, Amber LED with clear lens

5. Interior Module

A. Ceiling

- i. Eight dome lights, LED, 4 each side with Hi/Lo switching
- ii. Two Rubber, recessed IV holders, one over head/chest of primary patient and one overhead/chest secondary patient
- iii. Two black surface mounted IV hooks w/spring loaded retention gate. 1 over knee/waist area primary patient on cot & 1 over knee/waist area secondary pt on bench
- iv. Recessed curbside grab rail, 1 1/4" diameter stainless steel with gray anti-microbial coating, 72" long
- v. Non recessed street side grab rail, ceiling mounted, 1 1/4" diameter stainless steel, 72" long

B. Insulation

- i. Floor: not less than 1/2" Block Foam
- ii. Circumferential PKG, Reflective w/ Air cell core

C. Heat/AC Unit

- i. Self-contained A/C unit complete with an evaporator coil, heater core and a 12 volt blower capable of 580 CFM on high. The unit shall be rated at least 32,000 British Thermal Units (BTU) in A/C Mode and 43,300 BTU in Heater Mode. The Vehicle A/C and Heat system must meet or exceed the current Federal KKK-A-1822 specification. To include an analog thermostat.

D. Electric

- i. Circuit Board: RMR Rail System, w/LED diagram
- ii. Master switch in cab console
- iii. Rocker switches & indicator lights in switch panel in cab console
- iv. Two Coaxial Cables, one to terminate behind cab passenger's seat, & one behind action area
- v. One Conduit for future wiring, 1 1/2" with pull wire
- vi. 20A Super Auto Eject
- vii. Five 125VAC Outlets—Location to be determined
- viii. Two 12V Cigar style outlets—location to be determined
- ix. Three USB outlets— 1-Cab of truck, 1-forward portion of action area, 1-forward portion of curbside bench
- x. Whelen 295SLSA1 Siren with two 100watt speaker drivers
- xi. Single camera system, mounted on rear of truck for backup camera with 7" monitor in cab
- xii. Hidden door unlock switch in grille
- xiii. Two—Rechargeable Streamlight Polystinger LED Flashlights w/charger installed in cab
- xiv. One hand held spotlight, 400,000 candle power, hard wired & installed in cab
- xv. Thermostat, rear AC, analog, ACC system
- xvi. Spring wound check-out 15 minute timer, constant hot

xvii. Vanner 20-1050 Cul-DC Inverter with built in battery charger/conditioner

E. Additional Cab console: ABS additional cab console to include:

- i. Two cup holders in front
- ii. 4” Wide Note Book Slot with removable lexan divider
- iii. Space for customer install radios
- iv. Three glove box holder storage

F. Attendant Seat:

- i. **Dark Gray EVS High back captains seat.** The seat shall be mounted
- ii. per the requirements in the latest revision of KKK-A-1822. The seatbelt shall be a 3-point harness.
- iii. Swivel base

G. Interior cabinets

- i. Countertop: Solid surface countertops both action area and telemetry areas
- ii. Lexan: Clear, minimum 3/16th thickness, shatterproof and scratch resistant
- iii. Handles: Unless specified, Full length polycarbonate handles
 1. Black Dry-Dek or Turtle-Tile compartment floors & shelves

H. Flooring & Upholstery

- i. Flooring: One piece throughout the patient cabin. Commercial grade floor with diamond plate like impression on the surface
- ii. Flooring edge shall have a 3” Recessed (1/2” deep) roll-up along the base wall cabinet & squad bench sides
- iii. Thresholds should be 6” stainless steel wide edges with 2.5” wide “non-skid” tape applied.
- iv. Curbside stepwell threshold: polished diamond plate
- v. Upholstery: 36 ounce vacuum form vinyl in dark gray with seem less joints

I. Bulkhead Cabinets

a. BULKHEAD UPPER CABINET: (Cabinet J)

- i. This cabinet shall be located behind and over the seated attendant.
- ii. Single flip up 3/8” lexan door—hinged at top

b. RF ALS CABINET UPPER: (Cabinet K thru M)

- i. Upper section with single flip-up 3/8” lexan door, hinged at top
- ii. Upper middle section to have Dual 3/8” lexan doors, has outside access, & 2 adjustable shelves
- iii. Below L & above N will be a drawer approximately 6” high with a lever latch
- iv. Lower section to be open cabinet & has outside access

J. Curbside Cabinets

- i. **Curbside Upper Cabinet:** Cabinet over squad bench
 1. Forward section to be a dispenser for 4 glove boxes with 3/8" lexan cover having oblong slots
 2. (1) Opening with set back center divider & sliding lexan doors
- ii. **Curbside Upper Rear:**
 1. Single solid wood flush door with combination style lock to be used as drug locker
- iii. **Curbside Action Area**
 1. Solid surface counter top suitable for cardiac monitor
 2. Three slide drawers facing crew bench seat
- iv. **Squad bench:** Seating position for one
 1. Drop-in sharps & trash at head of squad bench
 2. Storage under seating
 3. Slam action paddle handles for lids
 4. Lids should have dual action, gas shocks, and butt style hinges
 5. 6-point restraint systems
 6. Curbside rear action area suitable for a cardiac monitor
- v. **Right Rear Cabinet:** Inside access to Right Rear exterior cabinet.
 1. Single 3/8" lexan door, hinged right, faces Aisle

Street Side Cabinets:

- vi. **Left Front Cabinet:**
 1. To house modular electrical components & includes two air vents in the door HVAC vent below left front cabinet
- vii. **Top Cabinets:**
 1. An upper, rearward section over the base wall cabinet., with sliding lexan doors
 2. Over CPR seat, with sliding lexan doors
 3. Forward over Action area, with sliding lexan doors
 4. Rearward lower cabinet", with sliding lexan doors & 1 adjustable shelf (No outside access)
 5. 2 Drawers below the action area with lever latch
 6. Forward of the "Action Area", single or double solid flush door, hinged right, with combination style lock. If single install an adjustable shelf
- viii. **CPR Seat**
 1. Minimum 24" wide, single seating position
 2. lid for storage under seating
 3. Back seats fixed to back of wall, & upholstered seatpad
 4. To have a 6-point restraint system
- ix. **Roll-out Sharps & Trash below Action Area**

Pull out drawer to accommodate Sharps & waste containers with cutout facing aisle

K. Oxygen & Suction

- i. Main Cylinder restraint for M-size oxygen tank with 2 heavy duty pull web straps & quick release To be located in Left front exterior cabinet allowing for interior access
- ii. Four Amico Console -Ohio Diamond style oxygen outlets: Two in Action area, one in center pad Ceiling and one on forward side of curbside bench
- iii. Oxygen gauge: Amico electronic cyl pressure
- iv. Dual spring loaded portable O2 tank holder recessed into step-well area at head of squad bench
- v. Vacuum System: SSCOR regulator/gauge panel in Action area, with collection canister

L. Cot Mount

- i. Dual Position, floor mount, Stryker model no 6377, primary center of aisle; secondary position left of center
- ii. Cot stop block: Stryker 6060-036-018, long hook
- iii. Optional 1 inclusion: Stryker Power-Pro XT cot
- iv. Optional 2 inclusion: Stryker Powered Load System with or without Stryker Power-Pro XT cot

M. Miscellaneous Items:

- i. One Aviation Style, backlit, 6" battery powered clock mounted over rear access doors
- ii. Two fire extinguishers, 5lb, ; one in cab & one in patient compartment
 1. One Smithworks IV warmer to go front curbside compartment

6. Conversion Warranty Minimum

- i. 7 Year, 70,000 mile Mechanical & Electrical including workmanship
- ii. 7 year, 70,000 mile standard paint warranty
- iii. 36 month paint coatings corrosion warranty
- iv. 20 year body structure warranty.

7. Delivery: Ambulance to be delivered to: 51 Bath Road Wiscasset, ME

8. Submission Instructions

Proposals should be in the form of an all-inclusive not-to-exceed lump sum amount and must be submitted in a sealed envelope and submitted to:

Town of Wiscasset
ATTN: Town Manager
51 Bath Road
Wiscasset, ME 04578
AMBULANCE BIDS

Sealed proposals must be received no later than 4:00 pm December 1, 2020.

9. Questions/Requests for Further Information

Questions or requests for further information, please contact Erin Bean, at emsdirector@wiscasset.org or via phone at (207) 882-8204.