

Shapleigh Rescue Squad



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Request for Proposals

Type I Ambulance

Date Due:

Invitation for Proposal

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

The Shapleigh Rescue Squad has established a list of minimum requirements for the **Type I Ambulance**.

The Town of Shapleigh 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.

The Shapleigh Rescue Squad will except all sealed bids for an ambulance that meets or exceeds the bid requests regardless of make or model.

Bid Specifications

Type I, 2020/2021 Ford F550 or comparable model Chassis Cab Four Wheel Drive

Wheelbase 193" - 108" CA Dual Rear G.V.W. 18,000 lbs.

Power train/Functional:

Engine: 7.3L 2V DEVCT NA PFI V8 GAS Engine (99N)

Engine block heater

Water Pump with 125 gallons per minute flow rate

Transmission: Heavy Duty "TorqShift" Ten Speed

Automatic with selectable drive modes; Normal, Tow Haul, Eco, Deep Sand/Snow

Electronic Shift on the Fly with automatic locking

front hubs with manual override.

Brakes - 4 wheel Anti-lock Braking System

Traction Control - DRW Models

Fuel Capacity: 40 gallon single tank (aft axle)

Front Axle: 7,000 lb. Monobeam, Dana Super 60

Rear Axle: 13,660lb. Full Floating Dana S110

Suspension:

Heavy Duty Front Coil Springs

Rear Leaf Springs, main & auxiliary

Shock absorbers, front & rear 1.38"

Stabilizer bar, front and rear

Power Steering

Steering Damper

Instrumentation: multifunction switch message center -

Gauges: Oil Pressure, Coolant Temperature, Trans

Temp, w/Indicator Lights, Tachometer, Trip Odometer

Ambulance Prep Package 47A

Rear axle 4.88 Limited Slip X8L

Dual OEM HD Alternators (total 397 amps)

Dual 750 CCA Batteries

Stationary elevated idle control (SEIC) is built into the engine control module

Safety/Security:

Driver/Passenger frontal and side air bag/curtain

Passenger side air bag deactivation switch

Belt-Minder - chime & flashing warning light on instrument panel if belts not buckled

Safety Belts - color coordinated with height adjustment (front outboard seating positions only)

SOS Post-Crash Alert System

Securi-lock Anti Theft Ignition

Tires:

Front & Rear LT225/70R 19.5G All Position (6) #THB
Spare Tire: LT225/70R 19.5G (All Position)
Wheels; 10 hole Disc, 19.5" x 6" Steel

Exterior Trim:

Dual Electric Horns
Chrome Front Bumper & Grille Surround
Front Tow Hooks
Lights - roof/marker clearance lights
Under Hood Service Light
Dual Beam Jewel Effect Headlights
High Mount Stop Light
Mirrors: Black POWER Telescoping Trailer Tow with
Power Heated Glass, Integrated clearance lights,
Turn signals, LED security approach lights,
Utility lighting System (LED side mirror spotlights) #54F
XLT Interior Cab Trim: #663A
Air Conditioning
Cloth Headliner, Map Pockets
AM/FM Radio w /MP3 /Clock
SYNC 3 8" LCD Productivity Screen in IP Cluster #913
Overhead Console with dual storage bin and map lights
Outside Temperature Display
Interval Windshield Wipers
Tilt Steering Wheel/Speed Control - steering wheel mounted
Power Windows/Door Locks
Black Vinyl Floor (No Floor Mats)
Headlights on audible alarm
Dual overhead Map Light
Daytime Running Lights
Front seats, high series cloth - 40/20/40 #3S
Driver Assist Technology
Audible Lane Departure Warning
Pre-Collision Assist with Automatic Emergency Braking
and forward collision warning
Automatic High Beam Headlights
Adjustable Pedals: gas and brake

Color Scheme:

Exterior Color: Oxford White #Z1
Interior Color: MEDIUM EARTH GRAY

Body: The ambulance must fit through our current side garage door.

170" CLASSIC BODY, 72" Headroom, w/Drop Skirt

Overall Vehicle Dimensions:

Length: 308"

Width: 99"

Height: 112" (+/- 2")

Exterior Modular Body Dimensions:

Length: 170"

Width: 97"

Height: 91"

Interior Modular Body Dimensions:

Length: 165"

Width: 90 3/4"

Height: 72"

EXTERIOR:

Modular Body Construction

SAE J3057 Compliant

Structural Integrity Warranty

The structural integrity of the body shall be guaranteed for the life of the unit.

Compartments, Aluminum Diamond Plate, welded

Body mounting, Type I, rubber donuts, L-Duty

Lowered Body Skirts, with Intermediate Step

EXTERIOR DOORS, AMBULANCE:

Paddle Handle Power Locking, Entrance. Doors Qty(3)

The door system shall include emergency override latch levers in upper and lower locations of each entrance door. Levers are visible with red coating and intended for emergency use in the event of a non-functioning handle.

Paddle Handle Power Locking, Std Compt

Doors (6) Tied to OEM Power Door Lock Switch

Gas Spring Pneumatic Door Checks

"A" Door to Check Past 90 Degrees

"C" Door to Check Past 90 Degrees

"E" Door to Check Past 90 Degrees

"D" Door to Check Past 90 Degrees

Cast Products Grabber Rear Doors Hold Open,

Polished Aluminum

Body Compartment Door(s) Nylon Strap w/ Footman loops (ea.)

COMPARTMENT LAYOUT:

Exterior compartment dimensions reflect wall to wall measurements.

"A" Left Front - 20w x 86h x 21d -(w/Oxygen window)

"B" Left Side, 1/2 High, In-Out -43w x 42h x 20d

"C" Left Rear, 3/4 High, outside access -26w x 59h x 20d

"D" Right Front, In-Out Access -20w x 55h x 33d above floor -20d below floor

"E" Right Rear, with In/out to Center Aisle -24w x 83h x 21d

"J" Right Rear, Skirt Compt, Rear of Wheel -13w x 25h x 20d

COMPARTMENT DOOR PANELS, MATS, DECKING:

Compartment Door Panels, Alum, Diamond Plate
Polycoated Compt & Entrance Door Sills, Compt
Floors, Area Behind Rub Rails, Black
Vent Compartments to Exterior of Vehicle
Dri-Dek, Floors of Compartment, Black
Rubber Mat, Shelves, Exterior Compartment
Non-skid Stepwell Mat (removable)

COMPARTMENT CONFIGURATIONS AND EQUIPMENT:

Oxy Bracket, w/Adjustable Shelf, Compartment A, (No Light Under Shelf)
(2) Adjustable Shelves, for compartment "B"
(1) Adjustable Shelf, for compartment "C"
Tool Mounting in "C" Compartment (Rescue tools)
(1) Flathead axe and (1) Bolt cutters mounted on the "C" compartment door using PAC
mount kits
(1) Halligan mounted on the front wall of the "C" compartment using PAC mounts
Full Height Divider w/(3) Adjustable Shelves
Compartment "E" Long Equipment Storage Compartment "E"
Divider to be 12" off front wall w/10" shelves.
Adjustable backboard holders for (2) backboards
Hanger for Ferno EXL or #65 Scoop Compartment "E"
Equipment Hooks Qty:(2), Location: "C" Compartment (Equipment: Bunker Coats)
Location: Under the shelf, Forward & Rear Walls, centered
Zico "Corner" Mount, Factory Supplied -(for SCBA) 2
Mount Factory Supplied ZICO Model # ABS Mount, in corner of compartment.
Specify Location: "C" compartment, 18" FROM THE FLOOR
SCBA Zico (KD-UH) Walk-Away Bracket Qty. 2 Location: "C" compartment, 6" from the
shelf

REAR STEP BUMPER:

Lift-up Rear Step, Recessed, -Lic. plate left body

Rear step to have additional grip strut

An additional grip strut shall be mounted to center portion of rear step. This will bring the level of the center within 3/4" of the rear bumpers.

Rear Dock Bumpers, Bolted to Bumper Ends

ALUMINUM DIAMOND PLATE ACCESSORIES:

Front Stone Guards, Polished Diamond Plate

Rub-Rails, C-Channel, offset , Bright-Finish

Running Boards, Flare type, Non-Slip Diamond Plate (F450/F550 2-Door or similar model)

Rear Diamond Plate Panel & Tall Corner Guards

EXTERIOR TRIM:

Fenderettes, Rolled, Polished Stainless Steel

License Plate Holder w/LED Lt, Cast Prod Polish, Lt Side Body

Fuel Fill Housing, Cast products, Polished (F-Series or similar model)

Tow Eyes, Recessed housings, Stainless Steel

Tow hitch class III rear mounted

EXTERIOR, MISCELLANEOUS:

Undercoat Body

BODY WINDOWS:

Window, Side Door (18"W x 22"H), Sliding, 31% Tint

Windows, Rear Doors, (15"W x 22"H), Fixed 31% tint

INTERIOR CONSTRUCTION:

Interior Construction Type - Standard Cabinets

INSULATION:

Insulation, Interior Body

Sound Deadened Insulation, Entrance Doors

Sound Deadened, Compartment Doors

Sub-Floor, Expanded PVC Polymer

FRONT BULKHEAD:

Latch for Cab to Body Window

Type I, NO Walk-Thru, Sliding window cab to body

Climate Control Unit Over Cab to Body Passage

Electrical Power Distribution Cabinet, Access Panels, vinyl covered

Vinyl wrapped cover with an access panel with flush locking trigger latches

RIGHT FRONT CABINET:

Right front, upper storage w/Life Defender lift-up restocking door, 1 shelf
Right front Lower, inside/outside storage
Right front Lower, (1) adjustable shelf
Shelf to be lined with ribbed rubber mat.
Right front cabinet Lower, 1/2" acrylic doors

RIGHT SIDE BENCH LAYOUT:

Right Side Squad Bench upgradeable Layout
Squad Bench, Right side, cabinets on either side
Backrest, Fixed, Standard Rectangular
No Armrest -Recessed storage, below
Recessed "D" bottles, head of Squad Bench, at stepwell
Right side Forward -ALS Three (3) Drawer Storage Unit, Facing seat
All drawers utilize Locking Polished Stainless Steel latches.
Solid Surface counter, 1" lip, Right front, Color: Gray
Squad bench lid, Positive hold down device
Trash/Sharps Combo - slide out, head of bench into aisle
Sharps Container 8qt.
And Rubbermaid Trash
Sharps disposal, surface mounted on wall compartment "E" (5qt.)
Sharps Container 5 qt. w/lid
Overhead cabinet 12 3/4"h, lift-up restock (4) glove stg, 1 shelf
Right side rearward cabinet (below counter level storage)
Right side Rearward -ALS Three (3) Drawer Storage Unit, Facing Seat
All drawers utilize Locking Polished Stainless Steel latches.
Solid Surface counter, 1" lip, Right rear, Color: Gray

LEFT SIDE MIDDLE (Base Cabinet):

Left side attendant seat-(CPR Seat) Backrest cushion, fixed
Seat cushion, lift-up, w/ latch, interior storage-Single CPR
Cabinet above left side attendant seat, lift-up restocking door
Overall depth: 8 5/8"

LIFE SUPPORT STATION:

Switch pod, above counter, vinyl covered

Rear Main Switch Panel Located in Life Support Station Switch Pod

Cut (1) Hole for Customer/Dealer supplied Radio, in Life Support Station

This radio cut-out, will be on the right, lowermost area of the LSS

Cab head of sw/pod w/double acrylic doors-over/under (No Shelves)

The cabinet will be divided into 2-independent sections, one above the other

Upper cabinet, 45 deg, lift-up restock, 1 shelf

The Interior Height of this cabinet will approximately be 12 -1/4" High (pass-thru)

Includes Lift Up Restocking Door.

Solid Surface counter, 1" lip, Left front, Color: Gray

Sharps disposal, recessed below LSS counter (5 qt)

Sharps Container 5 qt. w/lid, wall enclosure

In/out access to left side half high compt B

Prewire for Knox Med vault upper cabinet head of LSS

LEFT REAR STORAGE CABINET:

Left rear full cabinet, upper, lift-up restocking door, 1 shelf

Laminated Counter with 1" retaining edge

RIGHT REAR CABINET:

Right Rear In/out to Compartment "E"

In / Out:

Dimensions: 8" wide 40 1/2" high - (with 72" Headroom and In/Out to Center Aisle)

With Hinged Acrylic Door

INTERIOR CABINET DOORS:

Cabinet doors, Polycarbonate/Acrylic, Tinted

Handles, full length, sliding doors

Positive closure devices hinged doors

Uni-strut, interior cabinet shelves, "Mini"

ENTRANCE DOORS

24-30-2000 Ent. Door panels, 3 section

ABOVE DOOR HEAD BUMPERS:

Side Door Head Bumper

Rear Door Head Bumper

GRAB RAILS:

Grab rail, 72", s/steel, over squad bench

Grab rail, 72", s/steel, over cot

Grab rail, 12", E compartment wall facing squad bench

Grab rail to be bolted thru E compartment.

Location: Right side rearward wall, 3" inward from radius corner, top of grab handle 20" from the ceiling.

Note: Clearance required for "Lift Up Restocking Feature" of cabinet over attendant seat

Grab rail, "L" Shaped, Facing Step well - (For Cabinet)

Grab rail mounted on the "step area" side of the forward custom squad bench cabinet.

Grab rail, 18", at rear entrance doors, (2)

Grab rail, 45 deg, side entrance door, (1)

Grab handle, spring loaded, rear ent door (2)

SEAT BELTS:

Seat belt, squad bench, Qty (1)

Seat belt, attendant seat, Qty (1)

Seat belt, left side attendant, Qty (1)

COT MOUNT and COT MODEL

Power Load Install

Supp Floor Plate, w/ Circuit, No Mini Rail Plate (SAE)

Stryker Power Load Floor Plate

All components provided by Dealer.

Dealer will supply and install a Stryker Power Load Floor Plate.

Includes charging circuit for use with Power Load fasteners. Circuit will remain Hot at all times.

I.V. HOLDER:

Rubber I.V. holder, dual, recessed, Raceway

Location: Forward edge of IV Holder to be 36" from Front Head Bumper.

Rubber I.V. holder, dual, recessed, Raceway, (ILOS over squad bench)

Location: Rearward edge of IV Holder to be 36" from Rear Head Bumper.

INTERIOR COLORS:

Ceiling, white Thermoplastic

Upper Laminate - High Gloss Grey

Lower Laminate - High Gloss Grey

INTERIOR UPHOLSTERY:

Upholstery, Flat-Seamless

Upholstery Color: Gray

ATTENDANT SEAT:

Attendant seat mounted in center position w/Child Seat, 3 Pt. Harness, ABS Back Swivel, Sewn

FLOORING:

Protective non-slip laminate

CAB CONSOLE:

Type I, Floor Mount, switches, siren/radio - (2017+ F-Series or comparable model)
Map Box, Type I, Behind Cab Console, (2) pockets (2017+ F-Series or comparable model)
For full size console and map box

MISCELLANEOUS INTERIOR:

Fasten Seat Belt/No Smoking Sign

OXYGEN AND SUCTION:

Oxygen Outlet, dual, Life Support Station Switch Pod
Oxy Outlet, single, right side- In Overhead Cabinet
Recessed Oxygen Port in ceiling raceway, Front-Right side Flow selector control
This oxygen port will be controlled by a Constant Flow Selector valve in the O2 Outlet at the Right side.
Suction pump, electric, Thomas, switch in Rear Main Switch Panel
Collection Bottle, SSCOR Disp.w/ canister clip, White Regulator
Vacuum Outlet, w/diamond adapter
Oxygen Gauge, tank pressure, 2", (LSS Area)
Oxygen Bottle Holder, DUAL Steel, "M" Cyl

ELECTRICAL:

Electrical System Warranty
The Electrical System shall be warranted for the life of the unit, as long as the original purchaser shall own it.
Electrical 12 VDC, Classic-Series
Electrical 12 VDC Specifications

CAB ELECTRICAL:

Alternator, Dual with 355 amp combined output, OEM Ford F-Series or comparable model
Batteries, Dual Ford OEM, 1500CCA - (under hood)
Module Activation, Ignition Switch

SWITCH PANEL:

Voltmeter, Analog, 8 to 18 volt, lighted
Low Voltage Alarm & Indicator
Rocker Switches, Carling Contura
Battery On indicator light
Warning Indicator, Door open, Red
Warning Indicator, Compt open, Amber
Warning Indicator, Audible alarm, Door/Compt
Warning Ind/Audible, Parking Brake, Dual-Mode Alarm
Throttle, Electronic Ford OEM - F-Series or comparable model
Back-up alarm, w/resetting cancel switch
Spotlight, LED, Unity 5", wired direct to console -Mounted -
Spotlight will be mounted on the right side of the Console, as forward as possible.
Work Lights, Whelen 3" LED, Red/White, Over Driver & Passenger
Light located above Driver & Passenger in Cab Operated with a dual position switch in the front console
Load Manager/Sequencer
FULL TIME Load Management of Emergency Lights
Pwr Lock Switch, Entrance, OEM Door switch
Door Lock Interface Module for F-Series comparable model
Remote Keyless Entry w/Chassis Power Door Lock Control
OEM door switches control cab & body doors.
Power Door Lock Concealed Override Switch, Grille Located in front grille area.
This switch location is KKK compliant

EMERGENCY WARNING EQUIPMENT:

SIREN

Siren, Whelen 295SLSA1, w/diag.
Siren-Horn Switch
Mount PA Microphone on right side of console

SIREN SPEAKERS

Thru Bumper Speakers, CPI SAD/P 3800 Series, (2) F-Series, 2020-on or comparable
No rear Light bar required

CAB MOUNTED LIGHTS

Whelen Independent CAB Flashing Lights, CLEAR Lens package
(4) Whelen 500/TIR6/WION Grille Lights Package
(2) Upper Whelen WION Wide Angle- LED-Grille Light

(2) Red, CLEAR LENS
(2) Lower Whelen WION Wide Angle- LED-Grille Light
(2) Red, CLEAR LENS
(2) Whelen 500 Super-LED, Red -Fender
Fender Cast Flanges, Cast Products, 500/TIR6 Lights (F-2017+ Chassis)

BODY LIGHTING:

FRONT BODY VEHICLE LIGHTS -(Non-Emergency)

(2) 600-Whelen, Directionals -LED,Amb/Arrow, Front (Loc:F1C&F7C)-Clear FRONT BODY LIGHTING -w/NO LIGHTBAR
(7) Front Upper Lights & Directionals
The (4) lights, outboard of the Center light position, shall operate from (1) console switch.
Whelen Independent Front & Side Body Flashing Lights, CLEAR Lens package Independent - Flash - No Vehicle Flasher
All light heads are flashed randomly using internal flashing program, without light to light synchronization.
Program Flashing Lights to "Action Scan"
Whelen flash pattern Light head will scroll through all available patterns and Repeat

FRONT BODY WARNING LIGHTS

9x7, 900 Sup-LED, Red, Front Quantity 6
7x3, 700 Sup-LED, Red Front

Whelen Primary Side Light package

9x7, 900 Sup-LED, Red, Left Side Quantity 2
9x7, 900 Sup-LED, Red, Right Side Quantity 2

REAR BODY WARNING (Flashing) LIGHTS

Whelen Independent, Rear Body Flashing Lights - CLEAR Lens

REAR LIGHT LAYOUT -(No Light bar or Traffic Advisor)

(3) Rear Upper Lights & (2) Window Level Lights
9x7, 900 Sup-LED, Blue, Rear
9x7 Sup-LED, Amber, Rear
9x7 Sup-LED, Red, Rear

Rear Lights at Window Level

9x7 Sup-LED, Red, Rear
9x7 Sup-LED, Red, Rear

SECONDARY (miscellaneous) BODY MOUNTED WARNING LIGHTS

Whelen 700 Split R/W Super- LED w/Flange,(2) Over Rear Wheel, CLEAR LENS

FLASHING LIGHTS; OTHER

Safety Lts, (6),3 Per Door- OS Series LED, Amber, Rear Ent Doors, Full time activation
Lights are active anytime power is on and doors are open
Safety Lts, (3)- OS Series LED, Amber, Side Ent Door, Full time activation
Lights are active anytime power is on and doors are open

REAR NON-EMERGENCY LIGHTS

Stop/Tail and Turn Signal-Light heads with clear lenses
Exterior vehicle Rear Stop/Tail & Turn light heads will have Clear Lenses.
Stop/Tail, (2) Whelen 600 Series LED -(clear Lens) w/Flange
Back-up, (2) Whelen 600 Series, w/Flange
Directional, (2) Whelen 600 LED (clear Lens) Amber Arrow

AUXILIARY NON-EMERGENCY LIGHTS

HD Mini Oval Marker/Clearance Lts, LED Front, Rear, (2) Sides
Lower Side Marker, Flash w/Directionals, (2) each side
Running Board Illum Lights, (2) , Heavy Duty LED 4" Recessed
Rear Red Flasher/Brake Light Priority - (Rear Uppermost Lights)

FLOOD LIGHTS

(2) Whelen 9x7, 24-LED Opti -Scene Flood, Left side
(2) Whelen 9x7, 24-LED Opti -Scene Flood, Right Side
(2) Whelen 9x7, 24-LED Opti -Scene Flood, Rear
Right Side Scene Lights on with Side Door & Switch in Console
Left Side Scene Lights w/On-Off Switch Console
Rear Scene Lights on w/Rear Door Open/Reverse
Rear Scene Lights, On-Off Switch in Console
Rear floods switch shall also activate reverse lights.
Right Side Scene Light Cancel Switch
Rear Door Scene Light Cancel Switch
Left/Right & Rear Flood Lights, On In Reverse
Whelen 900 series LED Scene light, Custom Location
Right Side, mounted over the "D" Compartment door

CLIMATE CONTROL:

Ventilation, Flow-Thru, (2) Speed, Cast Products Rear Cowl
Ducted Heater/Air Cond, Digital Thermostat -F-Series or comparable model

System ties into Ford OEM A/C Compressor or comparable model.
Include Intermotive Module B-CVC502 A which allowing the rear A/C to operate independent of cab A/C.
Auxiliary Coolant Pump Climate Control System

CEILING CONFIGURATION:

Ceiling Configuration for (10) Dome Lights & 2 Speakers

INTERIOR LIGHTS:

(10) Dome Lights, Whelen (Six Diode)-LED, Hi-Lo
Dome Lights Switched to HIGH Mode w/Door Open

EXTERIOR COMPARTMENT LIGHTS:

Lights, Ext. Compartments, TecNiq LED E44 Strip Lights
(Vertical Linear Lights)
Oxygen Compartment Light Switch, Located in Rear Main Switch Panel

AUXILIARY INTERIOR LIGHTING:

Heavy Duty LED panel Light, (Life Support Station Area)
Panel Light (Life Support Station) Switch, Located in Rear Main Switch Panel
Stepwell Light, LED, Located at Side Entrance Door
Dome Lts "Check-Out" Timer, Side Door
60 minute windup timer at side door, active with shoreline only
Dome Light Switch, (1) Left, (1) Right
3-way Dome/Rect. Light Master Switch (Front switch panel/Rear main switch panel)
3-way master at Cab Console and Rear Main Switch
Panel for ceiling mounted lights.

MEDICAL OUTLETS :

12 volt Medical Outlet, Power Point, Loc: LSS Wall
12 volt Medical Outlet, Power Point, Loc: Right Front In/out
12 volt Medical Outlet, Power Point, Loc: Right Front Upper
12 volt Medical Outlet, Power Point, Interior Wall or Cabinet Location:
(1) Above Forward MIM, head of squad bench, on the wall
USB Dual Port 4.8 amp Kussmaul 091-219-5, installed in Cab Switch Panel
For USB charging, Hot with body power or shoreline
USB Dual Port 4.8 amp, Kussmaul 091-219-5, Mnt'd in single gang lighted sw plate 2
PLG
For USB charging, Hot with body power or shoreline
Qty: 2 Location: (1) LSS (1) Above Rear MIM tower

ANTENNA/COMMUNICATION RADIO:

(3) Antenna Leads w/ Base and Cap Installed – Body Roof
End Connectors, Mini UHF, installed on antenna leads 3 PLG

Location: All antenna leads

Antenna, VHF, 1/4 wave 152-162 MHZ

Provide and install antenna on base.

Radio Power Lead, Rear Main Switch Panel

To Include: (1) Red 10 gauge marked radio 12 volt Hot, 30 amp, (1) Black 10 gauge marked radio ground, (1) Orange 12 gauge marked 12 volt switched, 20 amp.

Radio Power Lead 30 Amp, 10 ga. Cab Console

To Include: (1) 12 volt Hot wire with 30 amp circuit protection, (1) 12 volt switched wire with 20 amp circuit protection.

Radio Power Lead w/40 Amp Fuse, 8 ga. Behind driver seat

To Include: (1) 12 volt Hot wire w/fuse holder & 40 amp fuse, (1) 12 volt switched wire w/fuse holder and 40 amp fuse.

Radio Power Leads w/40 Amp Fuse, 8 gauge

To Include: (1) 12 volt Hot wire w/fuse holder & 40 amp fuse, (1) 12 volt switched wire w/fuse holder and 40 amp fuse.

MISCELLANEOUS 12 VOLT ELECTRICAL:

Back-Up 3-Camera System w/7" Flat Panel LCD Monitor w/Audio

There shall be a 3 color camera system with
the cameras in the following locations

(1) Rear Body

(1) Front Head Bumper

(1) Blind Side, Front Body

Speakers, Stereo Volume Control Rear Sw Panel

PREWIRE for hand light

Qty: 1 , Location: "C" Compartment ceiling, above light

Intellitec, Clock, mounted on 45 degree Cabinet (Life Support Station)

Liquid Spring Control Left Rear Door Open w/ Override switch

12 Volt Hot power lead, Utility, behind drivers seat 20 amp Max capacity

12 Volt Hot power lead, Utility, behind passenger seat 20 amp

12 Volt Hot power lead, Utility, electrical cabinet 20 amp

ELECTRICAL 115 VOLT AC:

51-20-5010 Shoreline, Super Auto-Eject 20 amp, Yellow, Left Side, Above Compt. "B"
Shoreline/ Battery Charging Dual Indicator Lights
Shoreline - Amber Indicator
Battery Charger - Green Indicator
Power Distr Box, 115v, w/20 amp Circuit Breaker
Engine Block Heater to Shoreline (If so equipped)
On-off Switch 115v, For Control of Block Heater
Hospital Grade Lighted Outlet, Location: L/S/S Wall
Hospital Grade Lighted Outlet, Location: Left Rear
Outlet mounted 14" above the rear counter
Hospital Grade Lighted Outlet, Location: Right Front In/out
Hospital Grade Lighted Outlet, Location: Right Front Upper
Hospital Grade Lighted Outlet, Interior Wall or Cabinet Location:
Qty: 2 Location:
 (1) Above Forward MIM, head of squad bench, on the wall.
 (2) Rear of Squad Bench, on wall above bench.

BATTERY CHARGER / INVERTER CHARGER:

Battery Charger, IOTA DLS-30, 30 amp, IQ4 Smart
Charge w/ current sensing relay

INVERTER:

Inverter, Vanner 20-1000TUL-DC , w/Shore Transfer

PAINT LUSTRE:

Ten Year Paint Warranty (Paint Lustre)

BODY AND CAB PRIMARY PAINT:

Body and Cab Same Single Color
Modular Body Paint Color OEM White
Paint Rear Body Primary Color Only

ADDITIONAL VEHICLE PAINT, SECONDARY

Beltline Std. Stripe-straight
Painted Beltline size 11"
Beltline STD Location, Cab Window Level
Beltline Paint Color Green

Star of Life Color Match Primary Beltline
Polycoated Compt & Entr Door Sills, Compt Floors, Area Behind Rub Rails

VINYL PIN STRIPING FOR PAINTED BELTLINE:

Beltline Vinyl Accent Pin Striping
1/4" Pinstripe, on Beltline paint break
Pinstripe Color, Black (reflective)

LETTERING:

Reflective Lettering

REFLECTIVE VINYL STRIPING MISC.:

Reflective Tape Insert 2"
Location: One above painted beltline one below painted beltline no reveal Color: Black
Reflective White Tape Stripe, 3/4" Outline, on interior of Entrance Doors
Reflective White 3/4" Outline

REFLECTIVE CHEVRONS:

Reflective 6" Chevron Rear body +Upper Center Panel+ doors (1 color)
Color Choice: Black/Green

GRAPHICS:

Star of Life Decal 32" on Roof
Frosted, Star of Life, (2) 12" Rear Windows

TECHNICAL RADIO INSTALLATION:

Technical Radio Installation- Provided by Dealer Radio installation to be provided by dealer, at the dealers facility.

AUXILLARY RADIO EQUIPMENT INSTALL AND MOUNTING:

Run Customer or Dealer Supplied Cables

CHASSIS EQUIPMENT:

Stainless Steel Wheel Inserts 08+, with -19" wheel
Liquid Spring Suspension System (F550 or comparable model)
Liq Spring for F550 with 18,000 GVW or comparable model
Mirrors, Ford OEM F-Series Trailer Tow w/Power-Heated Glass or comparable model
Include Integrated clearance lights and turn signals.
Mud Flaps, Rear, Light Duty Chassis
Ford Series Front End-Caster Camber Align or comparable model

EQUIPMENT:

Bottle Brackets, Zico-Quick-Release, Strapless (2) , (D Bottle)
Model QR-D-2 Located in the recessed stepwell area Qty (2)
Clean & Detail Vehicle for Delivery

CHASSIS:

2020/21 FORD F550-Super Duty, 4x4, 108" CA, XLT - Gas
Ford F550 Chassis Cab Four Wheel Drive or comparable model
Wheelbase 193" - 108" CA Dual Rear
G.V.W. 18,000 lbs.
Powertrain/Functional:
Engine: 7.3L 2V DEVCT NA PFI V8 GAS Engine (99N)
Engine block heater
Water Pump with 125 gallons per minute flow rate
Transmission: Heavy Duty "TorqShift" Ten Speed Automatic with selectable drive modes; Normal, Tow Haul, Eco, Deep Sand/Snow
Electronic Shift on the Fly with automatic locking front hubs with manual override.
Brakes - 4 wheel Anti-lock Braking System
Traction Control - DRW Models
Fuel Capacity: 40 gallon single tank (aft axle)
Front Axle: 7,000 lb. Monobeam, Dana Super 60
Rear Axle: 13,660lb. Full Floating Dana S110

Suspension:

Heavy Duty Front Coil Springs
Rear Leaf Springs, main & auxiliary
Shock absorbers, front & rear 1.38"
Stabilizer bar, front and rear
Power Steering
Steering Damper
Instrumentation: multifunction switch message center -
Gauges: Oil Pressure, Coolant Temperature, Trans
Temp, w/Indicator Lights, Tachometer, Trip Odometer
Ambulance Prep Package 47A
Rear axle 4.88 Limited Slip X8L
Dual OEM HD Alternators (total 397 amps)
Dual 750 CCA Batteries
Stationary elevated idle control (SEIC) is built into the engine control module

Safety/Security:

Driver/Passenger frontal and side air bag/curtain
Passenger side air bag deactivation switch
Belt-Minder - chime & flashing warning light on
instrument panel if belts not buckled
Safety Belts - color coordinated with height adjustment
(front outboard seating positions only)
SOS Post-Crash Alert System
Securi-lock Anti Theft Ignition

Tires:

Front & Rear LT225/70R 19.5G All Position (6) #THB
Spare Tire: LT225/70R 19.5G (All Position)
Wheels; 10 hole Disc, 19.5" x 6" Steel

Exterior Trim:

Dual Electric Horns
Chrome Front Bumper & Grille Surround
Front Tow Hooks
Lights - roof/marker clearance lights
Under Hood Service Light
Dual Beam Jewel Effect Headlights
High Mount Stop Light
Mirrors
Black POWER Telescoping Trailer Tow with
Power Heated Glass, Integrated clearance lights,
Turn signals, LED security approach lights,
Utility lighting System (LED side mirror spotlights) #54F
XLT Interior Cab Trim: #663A
Air Conditioning
Cloth Headliner, Map Pockets
AM/FM Radio w /MP3 /Clock
SYNC 3 8" LCD Productivity Screen in IP Cluster #913
Overhead Console with dual storage bin and map lights
Outside Temperature Display
Interval Windshield Wipers
Tilt Steering Wheel/Speed Control - steering wheel mounted
Power Windows/Door Locks
Black Vinyl Floor (No Floor Mats)
Headlights on audible alarm
Dual overhead Map Light
Daytime Running Lights
Front seats, high series cloth - 40/20/40 #3S
Driver Assist Technology

Audible Lane Departure Warning
Pre-Collision Assist with Automatic Emergency Braking and forward collision warning
Automatic High Beam Headlights
Adjustable Pedals: gas and brake

Color Scheme:

Exterior Color: Oxford White #Z1
Interior Color: MEDIUM EARTH GRAY
Fuel "Full Tank" -F-Series

Allowance for trade of 2012 PL Custom Type III (Located at Shapleigh Rescue Squad)

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.

Loaner: Allowance for a loner ambulance upon request.

Delivery: Ambulance to be delivered to: 506 Shapleigh Corner Road Shapleigh, ME

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 Shapleigh
ATTN: BOS/Town Administrator - AMBULANCE BIDS
PO Box 26
Shapleigh, ME 04076-0026

Sealed proposals must be received no later than 4:00 pm February 5th, 2021.

Questions/Requests for Further Information

Questions or requests for further information, please contact Chief Lindsey Lacourse, at rescuechief@shapleigh.net or via phone at (207) 636-2211.