Exeter Fire Department

Bid Specification Type III Ambulance

Request for Proposal: Exeter, NH Ambulance Replacement

Date Due: August 19, 2022 - 4:00 PM

Mail to:
Exeter Town Offices
c/o Select Board
10 Front Street
Exeter N.H. 03833

Attn: AMBULANCE BID

For more information:

Eric Wilking
Chief of Department
20 Court Street
Exeter N.H. 03833
603-773-6129
ewilking@exeternh.gov

Invitation for Proposal

The Town of Exeter invites interested vendors to submit proposals for a **Type III Ambulance** that meet or exceed the following specifications.

The Exeter Fire Department has established a list of minimum requirements for this **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 Exeter may be interested in vehicles currently on the line that meet or exceed our specifications. Selected vendors will be given the opportunity to review their specifications and drawings with the committee prior to the final section.

The Town of Exeter reserves the right to reject any and all proposals not conforming to the specification or deemed not to be in the best interest of the town. The Fire Chief and Town Manager will review the process and will make the final determination in awarding the bid.

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

Thank you.

Eric Wilking

Minimum Requirements to Bid

Proposal

Page 1 of your proposal shall be a summary sheet that indicates Manufacturers and/or Dealers name, address and contact information. It shall also include total cost of delivered unit, trade allowance, and final price after trade allowance. *Example of this page is enclosed*.

Terms of Payment

The Town of Exeter will pay for the completed ambulance upon delivery and final acceptance.

Prepayment Discount

Indicate appropriate discounts possible with prepayment of chassis and/or entire ambulance.

Insurance Certificate

A manufacturer's certificate of product liability and facility insurance equal to or exceeding \$10,000,000.00 must be provided with the bid. The certificate must be in original form (no photocopies or fax copies) and shall name the Exeter, NH Fire Department as certificate holder.

Warranty & Service Requirements

To ensure proper service, no proposal will be accepted unless the manufacturer/dealer owns or offers service facilities within 150 road miles of the Exeter Public Safety Complex, 20 Court St. Exeter, NH. The facility shall have complete parts and service available, provide mobile service, and a loaner ambulance should it be necessary for long term repairs/service. Service facility shall be staffed by full time personnel who are factory trained in the operations and repair of emergency vehicles, with full authorization of the manufacturer.

Drawings

All proposals shall include detailed CAD blueprints of the unit they propose; showing the left, right, front and rear exterior, as well as the left, right, front, and top views of the interior. Bids not containing these blueprints will not be accepted. THESE BLUEPRINTS MUST BE PROVIDED BY THE AMBULANCE MANUFACTURER TO INSURE FULL COMPLIANCE AND UNDERSTANDING OF THE COMPLEXITY OF THIS VEHICLE.

Color

All RED is standard for the Exeter Fire Department and is required on the apparatus cab and body.

All lettering shall be completed to the department's standards, including the chevron at rear of unit.

Stripping and lettering will be discussed with the dealer before delivery.

Examples of the stripping/lettering pattern can be seen by scheduling a site visit to the Public Safety Complex, 20 Court St. Exeter, NH 03833

Additional options

The dealer/manufacturer shall list all additional options and price separately. If proposing a demo ambulance or ambulance currently in production, the dealer/manufacturer must list all additional options and/or items that do not meet the minimum specifications.

Mounting allowance

A \$2,500 mounting allowance will be provided by the dealer, this allowance will cover mounting and/or brackets for department equipment installed on the ambulance, and/or contingency for as-built modifications. Any balance of the mounting allowance after delivery will be applied to future service of the ambulance.

Trade in Allowance

The Town of Exeter <u>may</u> seek to trade-in our 2016 AEV, Type 3 Trauma Hawk Ambulance - 172" body, on a Ford E450 Super Duty chassis with 6.8L Triton V10 gasoline engine. Unit is currently in service with 46,500 miles and can be seen by appointment at the Public Safety Complex, 20 Court Street, Exeter, NH 03833. Value of trade must be shown on the summary sheet submitted with your proposal.

Exeter, NH Ambulance Replacement Bid Specification Type III Ambulance

Manufacturers Name/Address:	
Email address (if applicable)	
Telephone #	
*	
Dealers Name/Address:	
Email address (if applicable)	
Telephone #	
Total delivered cost of unit	\$
Trade in allowance:	-\$
Final cost of unit	\$

This summary sheet must be included as page one of your proposal

Exeter Fire Department Type III Ambulance

Cab & Chassis:

2023 Ford E-450 Super Duty Cutaway (DRW) Wheel Base 158"
G.V.W. 14,500lbs.

Two (2) Tow hooks appropriate for the weight of the vehicle installed both front and rear

Engine

7.3 L Electronic Fuel Injected V8 Gasoline Engine 362 HP / 4750 rpm

One (1) Plymovent Magnetic Tailpipe adapter - E series

Transmission:

Ford TorqShift Five Speed SelectShift Automatic Transmission with overdrive Auxiliary Trans Oil Cooler; Oil to Air and In-tank

Brakes:

Four-wheel disc

Four-wheel anti-lock brake system (ABS)

Parking Brake Foot Operated, push to apply, pull release lever to disengage

Fuel Tank:

55 gallons aft of rear axle

Suspension:

Front Axle 5,000 lbs Twin I Beam
Rear Axle 9,600 lbs. Dana 10.75" HD
Front springs 5,000 lbs
Rear springs 9,600 lbs
Shock Absorbers- Heavy duty front and rear
Stabilizer bar, front and rear
Rear stabilizer bar, Roadmaster, Ford E series
Steering: Power, Ford XR-50 H.D. Gear

Cab Interior/Exterior Appearance:

Interior cab color, Gray

Tilt steering wheel with speed control

Air Conditioning

Power door locks and windows

Cab floor mats, all weather rubber

Chrome front bumper and grille

Daytime running lights

Dual Seal Beam, fixed-lens headlamps

Dual cloth captains chairs

Color keyed carpeting & headliner (Grey)

Color keyed cloth sun visor

Dual Electric Horns

Mirrors - Power heated, adjust/manual telescoping trailer tow

Light & Convenience group

Interval windshield wipers

Gauges: Voltmeter, oil pressure, temperature, trip odometer, tachometer

AM/FM Radio w/CD/Clock, with volume control switch to control rear speakers mounted near action area Message center in dash, to include back-up camera and on-board navigation system Minimum of four (4) USB plugs for iPad or iPhone chargers mounted in cab near center console Center console to include, map box and cup holders

Ambulance Prep Package / Battery

Dual Heavy Duty Alternators; 240 & 157 - 397 total amps (63N)

(2) 78 Amp hour 750 CCA Heavy Duty Batteries (634)

Ignition switched module disconnect

Battery Switch and Auto-Battery Shutdown

Battery charger, 30 amp

20 Amp shoreline with Kussmaul auto-eject and heavy duty cover

115V power distribution box

Vanner inverter sized for anticipated load

4:56 Rear Axle Ratio Limited Slip

Auxiliary Heater - A/C Connector Package

ETM52 Electronic Throttle control

11/2" conduit leading from cab to electrical compartment in ambulance

Antenna leads two (2) pre-wired with connectors and bases

Radio power leads two (2) pre-wired with fuses

Safety/Security:

Airbag- Driver and Front Passenger

Safety belts - medium flint with height adjustable D- ring

Hill Start Assist

Traction control and Electronic Stability Control

Securilock Passive Anti-Theft system with specially coded ignition key to start the vehicle

Hidden switch in vehicle grille for power door locks

Tires / Wheels:

Six (6) LT225/75R 16E All Season

Steel Valve Stems

8 hole 16" x 7" Steel - painted white

Polished stainless steel wheel simulators four (4)

DELETE Spare Tire, if included

Modular Body:

Recessed into cab a minimum of 8"

Minimum 170" long, 97" Wide

Minimum 72" headroom

Side Walls - Minimum .125" Thickness Aluminum - Single Sheet

Roof - Minimum .125" Thickness Aluminum - Single Sheet

Oxygen Tank Mount for M and Large Tank Regulator

Lift - up Rear Step Bumper

Diamond plate cab running boards with grip insert welded into center section, with mud guards attached

All windows shall contain "privacy" tinting

Minimum six (6) Exterior Compartments

Install sliding window in passenger side ambulance door

Module Compartments:

• A reminder here for all bidders....This is a fire department ambulance and we need room for air packs and turnout gear in the driver's side, front and rear exterior compartments.

A minimum of a 23"wide, 20"deep and 80"tall driver side compartment is desired, and if you propose the upper portion for electrical/inverter installation/storage, please look for a different location as we need the shelf for gear storage. A minimum of a 34"wide, 20"deep, and 55"tall driver Left side rear compartment is desired.

Curb Side / Passenger Side

Front: inside / outside- minimum of Two (2) adjustable shelves, no pull out tray is necessary

Battery Compartment

Rear, Skirt compartment, rear of wheel; 18w x 22h x 17d

Rear, Full height compartment, 24w x 80h x 21d, with divider with space for two (2) backboards and a Ferno EXL scoop stretcher. Three (3) adjustable shelves forward of divider that are inside/outside accessible

Street Side / Driver Side

Front: Full Height, main O² bottle, two (2) adjustable shelves are desired above O² bottle in driver's side front compt. Intermediate; storage of miscellaneous equipment with two (2) adjustable shelves

Left Rear, One (1) fixed shelf, and 2 SCBA corner mounting brackets

Two (2) SCBA Zico (KD-UH) walk away bracket #5 clip, for driver's side rear compt.

Drivers side front and rearmost compartments to check past 90 degrees, all others may check at 90 degrees.

All compartments shall be welded aluminum diamond plate including door panels.

Vents from interior to exterior

Dri-Dek, floor of compartment

Rubber mat on all exterior compartment shelves

Turtle Tile removable step well mat

Paddle type handles will be on all compartment doors.

Gas-spring pneumatic door checks.

Securing Devices for Equipment:

Two Cast Products Auto Release Dual Bottle Bracket Duramount model QA1205-DUAL-D-1, for "D" size oxygen cylinders shall be provided and installed in the step well area.

Model QA1205-DUAL-D-1 Qty (2)

Module Interior

 This ambulance will be in service in New Hampshire. NH is not a KKK state, therefore interior compartment space in more important than meeting KKK specified headroom requirements. Please maximize interior compartmentation.

One (1) 12 volt 24 hour clock mounted in patient compartment

White acrylic surface to be integrated into cabinetry to serve as dry-erase board (location to be determined)

Sharps containers and glove dispensers to be installed as determined

Top hinged, sliding doors with gas struts on all upper interior cabinets.

Switching system (lighting, O2, suction etc.): One located above right side squad bench curbside.

Climate control system, thermostat controlled.

One (1) locking cabinet with **push button cipher lock**, located drivers side, forward most upper compt.

Provide optional pricing for biometric lock if available

Soundproofed floor with fully insulated body

Head bumpers above side and rear doors.

All Grab Rails to be painted YELLOW, over squad bench, over cot area, at rear entrance doors, and side entrance door. Cot Mounting: Stryker Cot Fastener for a Power-PRO XT Ambulance Cot with Powerload.

The ambulance manufacturer shall supply and install SAE J3027 Compliant Stryker PowerLOAD Floor Plate with wiring for a charging system. May be included with Stryker PowerLOAD System – Check with Stryker

One (1) Rubber "Recessed" dual IV holder shall be installed. The holder shall be located within the raceway and include a Velcro strap for securing IV during transport.

Location: Forward edge of IV Holder to be between 30-40" from Front Head Bumper

One (1) Rubber "Recessed" dual IV holder shall be installed. The holder shall be located within the raceway and include a Velcro strap for securing IV during transport.

Location: Rearward edge of IV Holder to be 30"-40" from Rear Head Bumper

Ceiling material to be white

Wall laminate, grey color

Interior upholstery: grey, flat seamless vinyl

Attendant seat, swivel mount, grey vinyl, center mount, head of cot.

Flooring: Diamond plate pattern or equivalent. Ease of cleaning and decontamination desired. Anti-bacterial, grey colored. Flooring shall roll up side walls 3"

Double wide CPR seat, located right side, seat/lid for under seat storage. Forward storage compartment and counter for monitor mount. Pull out trash/bio waste receptacle, sharps disposal recessed below storage compartment. Room to mount IV fluid pump on interior wall of right rear compartment. IV warmer in compartment, rear of double wide CPR seat.

Left side double wide CPR seat.

Two (2) Oxygen outlets located near action area, as well as in wall above squad bench and in the front section of the ceiling raceway.

Oxygen gauge located near action area.

Vacuum outlet located near O2 outlets

Two (2) flow meters, ball type

Oxygen M size bottle holder with large tank regulator and solenoid valve

IV warmer, 12volt, right rear cabinet near double wide seat.

3-drawer storage unit with counter adjacent to right side of the double wide seat. Drawers to have stainless steel latches. All medical equipment storage shall be designed to be within the reach of the attendant to minimize the occurrences of personnel from leaving their designated seating location.

Electrical System

12 volt 20 amp power leads installed behind driver and passenger seats

Warning lights/sounds for open compartment, open door and parking brake.

Low voltage alarm and indicator

Back-up alarm with resetting cancel switch

Full time load manager/sequencer for emergency lights

One (1) 110V outlet, powered by shore power for Streamlight Fire Vulcan chargers mounted on surface of front bulkhead inside cab, above the map box console. (**Department to provide lights and chargers**)

Five (5) 12 volt medical outlet power points, exact locations to be determined, but likely locations include:

- IV warmer in compartment adjacent to right side double seat.
- Right front compartment mid-level.
- Driver side wall near telemetry area
- Driver side wall in the action area
- Passenger side wall near counter for Lifepak 15

Five (5) hospital grade illuminated 110V outlets, exact locations to be determined, but likely locations include:

- · Top of the right front compartment
- Right front compartment mid-level
- Driver side wall near telemetry area
- Driver side wall in the action area
- Passenger side wall near counter for Lifepak 15.

Minimum of Two (2) USB plugs for iPad or iPhone chargers mounted in Action Area of ambulance, one (1) each side

Emergency warning/lighting

Whelen "Action Scan" program - lighting control module shall allow random flash pattern of lights.

All emergency lighting shall be Whelen Super-LED

All required DOT/FMVSS lighting shall be LED, including brake/turn lights

Opticom or equivalent, traffic emitter mounted front of body, emitter shall deactivate when not in a drive gear Headlight high-beam flasher

Whelen WS295 series siren with through bumper speakers

Front lighting: Four (4) Whelen LED lights on grille,

Two (2) upper in red, Two (2) lower in white.

(2) Upper Whelen ION T-series DUO TLI# LED grille Light---Red/white Split, clear

(2) Lower Whelen ION T-series DUO TLI# LED grille Light---Red/white Split, clear

Two (2) 700 series in red on front fenders. Seven (7) 900 series across front of body,

Four (4) all red, Three (3) split red/amber.

Two (2) Whelen populated arrow directional lights on front on ambulance body, one (1) each side

Side lighting: Two (2) 900 series in red left side, Two (2) 900 series in red right side. One (1) 700 series split red/amber left side over rear wheel, One (1) 700 series split red/amber right side over rear wheel.

Four (4) Whelen 900 series 13 degree scene lights, Two (2) each side

Rear lighting: Four (4) 900 series in red, One (1) 900 series in amber, Two (2) 900 series 13 degree flood
Rear flashing lights (LS4, R1, R4, R7, RS4) to operate when transmission is in reverse.

Two (2) 4" LED recessed running board lights

Compartments: Whelen OS red LED compartment lights in all exterior compartment doors.

There shall be a red flashing LED light on the interior of each compartment door in the upper most outboard position. Lights to be switched with door ajar, and will flash when door is open to warn traffic, etc... of the open door.

Each exterior compartment shall have LED strip lights adequate to light entire compartment.

Paint/Decals

Chassis and module exterior will use Sikkens #71528 red paint, or PPG equivalent Paint shall have a minimum seven (7) year warranty

Red/White Diamond Grade reflective vinyl, chevron pattern installed on rear body only, no doors

Two (2) Frosted Star of Life, 12" installed on rear windows

6" white reflective vinyl stripe installed mid-line of both sides - chassis and body

1/2" reflective gold stripe installed top and bottom of white stripe, per department specifications

All lettering shall use Sign Gold vinyl, with a black shadow - installed per department specifications

Two (2) Exeter Fire Rescue – installed on each side of body, per department specifications

Two (2) Ambulance 3 – installed on each side of body, per department specifications

Two (2) Advanced Life Support – installed on each side of body, per department specifications

Two (2) 18" Star of Life (Sign Gold on Black) - installed on front compartment doors, on each side of body

Two (2) Number 3 – installed on each front corner of the module above the cab, per department specifications

Two (2) Town seals - installed on each driver and passenger door, seals to be provided by Exeter Fire Department

Two (2) "A Tradition of Service" - installed on driver and passenger door below town seal, per department specifications

One (1) Exeter – installed on the rear doors, per department specifications

One (1) Ambulance 3 – installed on the rear doors, per department specifications

ADDITIONAL EQUIPMENT TO BE INCLUDED IN PROPOSAL

Vendor quotes included for your use

(1) Motorola 2-Way Radio

Supply and Install Motorola™ APX 8500 All Band High Power Mobile Radio – NO EXCEPTIONS:

- (1) M37TXS9PW1AN APX8500 All Band HP Mobile Radio
- (1) G48BB Conventional Operation
- (1) GA01513AB All Band Mobile Antenna (7/8/V/U)
- (1) G609AC Remote Mount Cable 50 Ft. APX
- (1) G78AT 3 Year Essential Service
- (2) G892AB Hand Mic, GCAI Water Resistant APX
- (1) W12DK RF Preamp APX
- (2) B18CR Auxiliary Speaker 7.5 Watt APX
- (1) GA00092AL APX Dual-Control Hardware (O2 Grey)
- (1) GA00804AA APX O2 CH (Grey)
- (1) G610AC Remote Mount Cable 30 Ft. APX
- (1) G444AH APX Control Head Software
- (1) G806BL Astro Digital CAI OP APX
- (1) G193AK ADP Only Non-P25 CAP Compliant
- (1) LSV00Q00202A Device Programming
- (1) SVC03SVC115D Subscriber Programming

(1) Stryker PowerLOAD System

Supply and Install Stryker PowerLOAD System – NO EXCEPTIONS:

(1) MTS Power Load *Includes Floor Plate*



Billing Address: EXETER FIRE DEPT 20 CT ST EXETER, NH 03833 US Quote Date:06/20/2022 Expiration Date:09/18/2022 Quote Created By: Kelly McGrenaghan Senior Account Manager, MR kmcgrenaghan@2-way.biz 603-431-6288 x 1795

End Customer: EXETER FIRE DEPT Assistant Chief Justin Pizon jpizon@exeternh.gov 603-418-6401

Contract: 19860 - NASPO

Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
	APX™ 8500					
1	M37TXS9PW1AN	APX8500 ALL BAND HP MOBILE	1	\$6,677.00	\$4,874.21	\$4,874.21
1a	G48BB	ENH: CONVENTIONAL OPERATION APX	1	\$880.00	\$642.40	\$642.40
1b	GA01513AB	ADD: ALL BAND MOBILE ANTENNA (7/8/V/U)	1	\$105.00	\$76.65	\$76.65
1c	G609AC	ADD: REMOTE MOUNT CABLE 50 FT APX	1	\$39.00	\$28.47	\$28.47
1d	G78AT	ENH: 3 YEAR ESSENTIAL SVC	1	\$176.00	\$176.00	\$176.00
1e	G892AB	ENH:HAND MIC,GCAI WTR RESISTANT APX	2	\$79.00	\$57.67	\$115.34
1f	GA01606AA	ADD: NO GPS/WI-FI ANTENNA NEEDED	1	\$0.00	\$0.00	\$0.00
1g	W12DK	ADD: RF PREAMP APX	1	\$73.00	\$53.29	\$53.29
1h	B18CR	ADD: AUXILIARY SPKR 7.5 WATT APX	2	\$66.00	\$48.18	\$96.36
1i	GA00092AL	ADD: APX DUAL-CONTROL HARDWARE (O2 GREY)	1	\$627.00	\$457.71	\$457.71



Any sales transaction following Motorola's quote is based on and subject to the terms and conditions of the valid and executed written contract between Customer and Motorola (the ""Underlying Agreement"") that authorizes Customer to purchase equipment and/or services or license software (collectively ""Products""). If no Underlying Agreement exists between Motorola and Customer, their Motorola's Standard Terms and Conditions of Sales and Supply shall govern the purchase of the Products.

Motorola Solutions, Inc.: 500 West Monroe, United States - 60661 ~ #: 36-1115800



Line #	Item Number	Description	Qty	List Price	Sale Price	Ext. Sale Price
1j	GA00804AA	ADD: APX O2 CH (GREY)	1	\$541.00	\$394.93	\$394.93
1k	G610AC	ADD: REMOTE MOUNT CABLE 30 FT APX	1	\$28.00	\$20.44	\$20.44
11	G444AH	ADD: APX CONTROL HEAD SOFTWARE	1	\$0.00	\$0.00	\$0.00
1m	GA01517AA	DEL: NO J600 ADAPTER CABLE NEEDED	1	\$0.00	\$0.00	\$0.00
1n	G806BL	ENH: ASTRO DIGITAL CAI OP APX	1	\$567.00	\$413.91	\$413.91
10	G193AK	ADD: ADP ONLY (NON-P25 CAP COMPLIANT) (US ONLY)	1	\$0.00	\$0.00	\$0.00
2	LSV00Q00202A	DEVICE PROGRAMMING	1	\$20.00	\$20.00	\$20.00
Grand Total \$7,369.71(USD)						71(USD)

Notes:

 Unless otherwise noted, this quote excludes sales tax or other applicable taxes (such as Goods and Services Tax, sales tax, Value Added Tax and other taxes of a similar nature). Any tax the customer is subject to will be added to invoices.



strvker

PowerLOAD - Budgetary

Quote Number: 10550481

EXETER FIRE DEPT

Remit to:

Stryker Medical

P.O. Box 93308

Version:

Rep:

Chicago, IL 60673-3308

Attn:

Shane Donnelly

Email:

shane.donnelly1@stryker.com

Phone Number:

(774) 502-9462

Quote Date:

Prepared For:

06/30/2022

Expiration Date: 09/28/2022

Delivery Address		End User -	End User - Shipping - Billing		Bill To Account		
Name:	EXETER FIRE DEPT	Name:	EXETER FIRE DEPT	Name:	EXETER FIRE DEPT		
Account #:	1071829	Account #:	1071829	Account #:	1071829		
Address:	20 COURT ST	Address:	20 COURT ST	Address:	20 COURT ST		
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Equipment Products:

#	Product	Description	Qty	Sell Price	Total
1.0	639005550001	MTS POWER LOAD *INCLUDES FLOOR PLATE*	1	\$25,398.56	\$25,398.56
		Control for the Application of Control of Co	Equip	ment Total:	\$25,398.56

Trade In Credit:

Total Credit Description Credit Ea. **Product**

Price Totals:

Estimated Sales Tax (0.000%):

\$0.00

Freight/Shipping:

\$190.49

Grand Total:

\$25,589.05

Prices: In effect for 30 days

Terms: Net 30 Days Capital Terms and Conditions:

Deal Consummation: This is a quote and not a commitment. This quote is subject to final credit, pricing, and documentation approval. Legal documentation must be signed before your equipment can be delivered. Documentation will be provided upon completion of our review process and your selection of a payment schedule. Confidentiality Notice: Recipient will not disclose to any third party the terms of this quote or any other information, including any pricing or discounts, offered to be provided by Stryker to Recipient in connection with this quote, without Stryker's prior written approval, except as may be requested by law or by lawful order of any applicable government agency. A copy of Stryker Medical's Acute Care capital terms and conditions can be found at https:// techweb.stryker.com/Terms Conditions/index.html. A copy of Stryker Medical's Emergency Care capital terms and conditions can be found at https://www.strykeremergencycare.com/terms.