



City of NORWALK

Fire Department

Ambulance

Specifications

File #2015

Assistant Chief Ryan Coburn
City of Norwalk
Fire Department
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**ADVERTISEMENT FOR BIDS
AMBULANCE REPLACEMENT
CITY OF NORWALK
2015**

NOTICE IS HEREBY GIVEN that sealed bids will be received in City Administrative offices located at 705 North Avenue, Norwalk, IA 50211 on or before 5:00 pm April 6, 2015 at which time bids will be publicly opened and read aloud in the council chambers. Telephone and Fax bids will not be accepted.

Specifications and Proposal Forms may be obtained at Fire Station #61 located at 1100 Chatham Ave Norwalk IA, 50211 or online at www.nowalk.iowa.gov. Proposals shall be submitted on forms supplied by the City of Norwalk and placed in bidder's own sealed envelope marked "**SEALED BID – AMBULANCE**".

Late proposals will not be accepted under any circumstances. Any proposal(s) received after the scheduled time for closing will be returned to the proposing firm unopened. Sole responsibility rests with the proposing firm to see that their proposal is received on time.

The City of Norwalk reserves the right to accept or reject any or all bids and to accept the bid deemed most advantageous to the City.

CITY OF Norwalk

Advertised

AMBULANCE BID REQUIREMENTS

It is the intent of these specifications to describe the minimum requirements for one (1) Type I ambulance for City of Norwalk Fire Department.

1. The bid price shall be F.O.B. City of Norwalk, 705 North Ave Norwalk, IA 50211
2. Bid price shall not include any federal or state taxes.
3. Bidder shall furnish a separate letter, which will fully explain the conditions of warranty and or guarantee
4. Bidder shall submit complete manufacturer's specifications and descriptive literature for the unit that is being bid. Bidders must submit five (5) copies.
5. The bidder shall submit their proposal on the forms furnished by the city. Bidders must submit five (5) copies of their proposal.
6. A trade in value should be included but is not mandatory. Proposals that allow the trade-in of the replaced ambulance and provide the highest values may be preferred over others.
7. Any deviations from the attached specifications shall be noted in writing by the bidder. When variations are not stated clearly, it will be understood the bidder proposed to meet all details of the specifications.

Any questions shall be directed to Assistant Chief Ryan Coburn @ 515-981-4316

1. Administrative Guidance

- 1.1. The City of Norwalk (City) is inviting interested and qualified ambulance manufacturers to submit a proposal for the manufacture of a new commercially produced Type I ambulance. This manufacture will be in accordance with the specifications and requirements listing within the request for proposal (RFP). Pending the identification of a qualified manufacturer and acceptance of proposal, the City plans to enter into a contract to purchase one (1) Type I ambulance.
- 1.2. Any information provided herein is intended to assist the bidder in the preparation of proposals necessary to properly respond to this RFP. The RFP is designed to provide qualified bidders with sufficient basic information to submit proposals meeting minimum specifications and test requirements, but is not intended to limit a RFP's content or to exclude any relevant or essential data. Bidders are at liberty and are encouraged to expand upon the details, qualifications and proposals to give additional evidence of their ability to perform and provide a vehicle as described in this RFP
- 1.3. Each Bidder is required before submitting a proposal to be thoroughly familiar with the requirements and specifications listed in this RFP. Additional allowances will not be made due to bidder's lack of knowledge relating to the terms, conditions and specifications contained within this RFP. It is the responsibility of the bidder to determine if any component of this specification is unsafe or does not meet the required standards of applicable Iowa State law or those of Federal Specifications including DOT and KKK-A-1822F. The bidder shall thoroughly explain any unsafe or poorly designed criteria contained within this RFP to the purchaser in the bid proposal. Many of the requirements in these specifications exceed federal designs. Copies of the latest edition of Federal KKK and testing must be included with the bid.
- 1.4. Submission of Proposal
 - 1.4.1. Interested bidders are required to submit five (5) copies of their proposal. The copies must be delivered in a sealed package to:

City of Norwalk
705 North Avenue
Norwalk, IA 50211
 - 1.4.2. Proposals shall be marked with the label "Ambulance RFP". If the proposals are sent by mail, the bidder shall be responsible for actual delivery of the proposals to the proper address. It is in the sole judgment of the City as to what process may be required for each submitting bidder in order to demonstrate their ability to perform the obligations of the contract. The City of Norwalk will receive and consider all proposals submitted according to this RFP until April 6th, 2015 at 2:00 P.M. The names of those responding to the RFP will be made public. All other information will remain confidential, as permitted by law. Modification of proposals already submitted will be considered at the sole discretion of the City, until the time of the final contract signing. It is the intent of the City through this RFP to identify qualified manufacturer(s) / dealer(s), evaluate their proposal(s) in relation to the specifications listed in this RFP, and award a contract to the best proposal in the sole interest of the City and in its sole judgment.

- 1.4.3. Questions arising to this RFP should be submitted in writing by mail, email or fax to:

Assistant Chief Ryan Coburn
1100 Chatham Ave
Norwalk, IA 50211
Phone: 515-981-4316
Fax: 515-981-4779
Email: rcoburn@norwalk.iowa.gov

2. General Information and Conditions

- 2.1. The RFP is designed for the specification, engineering, design, construction and delivery of an ambulance and is not the intention of the City to write out dealers or manufacturers of similar or equal equipment of the types specified. It should be noted that the specification is written around the defined and specified needs of the City of Norwalk. The acceptance of an RFP and the awarding of a contract will be given to the bidder at the City's sole discretion, is both responsive and responsible and comes closest to meeting these specifications at the most competitive price. In addition, other interested public governmental agencies that elect to do so may purchase under any contract that might arise as a result of these specifications.
- 2.2. The City of Norwalk reserves the right to:
- 2.2.1. Increase the number of vehicles, equipment quantities and the configuration that is required and defined under this RFP. Waive any informalities, irregularities, and technicalities of procedure.
 - 2.2.2. Require the bidder, prior to awarding this contract, to submit evidence of the manufacturer's qualifications as the City deems necessary, and consider any evidence available of the financial, technical, or other qualifications and abilities of the manufacturer. This includes past performance on contracts of this type with other agencies.
 - 2.2.3. Reject any or all quotations and to select quotations based on the needs of the City. No quotation may be withdrawn for a period of sixty (60) days following the date of bid opening. No charges of any kind will be allowed unless specifically made part of your quotation and are specified in your response.

3. Minimum Requirements

- 3.1. Bidding and Proposals
- 3.1.1. Proposals will only be considered from manufacturers that have an established reputation in the field of ambulance construction and that have been building ambulances for a minimum of ten (10) years.
 - 3.1.2. Proposals that allow the trade-in of the replaced ambulance and provide the highest values may be preferred over others.

3.2. Warranty

3.2.1. Vehicle

3.2.1.1. The successful bidder shall provide a 36 month/36,000 mile vehicle warranty which covers defective parts and or components of its manufacture, the improper choice of materials, parts and or components, improper design or engineering and poor or improper workmanship or quality control techniques. This warranty shall cover the complete vehicle and shall include any and all costs for labor and parts or materials that are required to correct any and all deficiencies. It is not the intent of this requirement that routine preventative maintenance items such as light bulbs, filters, tires, brake linings, windshield wiper blades, etc. be covered. A sample of this warranty shall be submitted with the bidder's proposal.

3.2.1.2. The chassis manufacturer shall provide a warranty of not less than 3 years or 36,000 miles on the engine, climate control systems, cooling system, starter, alternator, steering, axle and power train components.

3.2.2. Modification

3.2.2.1. The manufacturer shall warranty the structural integrity of the modular body for a period of not less than 10 years. This warranty shall be in writing and shall be submitted with the bidder's proposal.

3.2.2.2. The manufacturer shall provide a conversion electrical system warranty, covering components of the electrical system, for the lifetime of the vehicle. It is not the intent that routine preventative maintenance items such as light bulbs, etc. be covered. A sample of the electrical system warranty shall be included with the bid proposal.

3.2.3. Paint

3.2.3.1. The manufacturer shall provide a paint warranty for not less than 10 years. This warranty will consist of 100% coverage throughout the 10 year period specifically related to faults of manufacturing or material quality (ex. paint quality, corrosion, electrolysis, etc.)

3.3. Inspection Trip

3.3.1. Pre-Delivery

- 3.3.1.1. There shall be a pre-delivery inspection trip at the factory of the successful bidder. The inspection trip shall consist of no more than three (3) members from the department along with the representative of the successful bidder, to insure compliance to all specifications. All expenses relating to the pre-construction, midpoint and final inspection trips shall be at the cost of the successful bidder and be at no cost to the Department. This is to include all meals and lodging while at the inspection along with travel allowances for fuel for any factory under 500 road miles from (bidding agency) and/or round trip coach air flight, for up to 2 representatives for any factory that is over 500 road miles from (bidding agency) facility.

3.4. Pre-Delivery Service

- 3.4.1. Bid prices must include all necessary dealer preparation applicable to new equipment prior to final delivery to the purchaser. The dealer shall provide and/or complete the following services:

- 3.4.1.1. Proposal Compliance - Inspect ambulance for compliance with proposal.
3.4.1.2. Fluid Levels - Inspect for correct capacities of the following: engine oil, coolant, power steering fluid, washer reservoir fluid, transmission fluid, rear end fluid.
3.4.1.3. Visual Inspection - Inspect tires and wheels for proper pressure and lug nut torque. Tighten any loose hardware and repair minor paint scratches or chips.
3.4.1.4. Check doors for correct adjustment.
3.4.1.5. Electrical Inspection - Operate all lights, sirens, and other electrical accessories.
3.4.1.6. Road Test - Run a road test operating all electrical loads for several minutes.
3.4.1.7. Fuel Tank - Fuel tank shall be filled to capacity prior to final delivery.
3.4.1.8. Cleaning / Detailing - The ambulance shall be thoroughly washed and detailed at the dealership prior to final delivery. This includes removal of any metal shavings.

3.5. Delivery

- 3.5.1. The vehicle and its equipment shall be delivered F.O.B. Norwalk, Iowa. The vehicle will not be scheduled for delivery prior to authorization by the City. Delivery must be by the manufacturer's/dealer's employee or arranged commercial carrier. Transporter must carry full insurance equivalent to industry acceptable standard amounts providing coverage for the employee and the vehicle.

3.6. Service

3.6.1. Service Center

- 3.6.1.1. The City places a high priority on service. In order to provide efficient service and support during the life of the ambulance, it shall be required that the successful contractor maintains a factory authorized service and repair facility in within a 100-mile radius of Norwalk.

3.6.2. Extended Service

4. Vehicle Requirements and Specification

4.1. General Design and Requirements (bidder will provide a detailed summary of all chassis specifications, options and modifications).

- 4.1.1. Type I Ambulance with pass through window
- 4.1.2. 2015 or most current available Ford f450 4X4 Regular Cab (bidder supplied) or comparable
- 4.1.3. Diesel engine
- 4.1.4. Dual rear wheels
- 4.1.5. Ambulance preparation package (Code#47A)
- 4.1.6. Larger displacement/horsepower engine option (if offered by chassis manufacturer)
- 4.1.7. Engine block heater activated/operated by shore power
- 4.1.8. 4 wheel ABS, 4 wheel disc brakes
- 4.1.9. Automatic transmission
- 4.1.10. Full width, aerodynamic, chrome plated steel bumper
- 4.1.11. Front and rear sway bars
- 4.1.12. Forged polished aluminum wheels (front and rear)
- 4.1.13. Central locking system with remote keyless entry (both cab and module) – A hidden power unlock switch shall be installed in the grill area
- 4.1.14. Backup camera system connected to driver’s display
- 4.1.15. Alternator must discharge a minimum of 320 amps
- 4.1.16. Horizontal exhaust discharge forward of driver’s side rear axle with tailpipe configured for Plymovent exhaust vacuum system
- 4.1.17. Chrome grill
- 4.1.18. Paint match to current apparatus (or FORD Factory red)
- 4.1.19. Mirrors heated and powered
- 4.1.20. Air horns – Two (2) Grover 21” air horns shall be provided and mounted below the front bumper. Activation shall be from a dash mounted switch on the center console (location to be determined at pre-build. Horns shall be powered by a #5440 compressor with reserve tank
- 4.1.21. Summer switch for block heater

4.2. Chassis Interior

- 4.2.1. Bulkhead cab wall, OEM wall to match dash
- 4.2.2. Cab signs “NO SMOKING OXYGEN EQUIPPED” and “FASTEN SEATBELTS”

4.3. Chassis Exterior

- 4.3.1. Sound proofing and rust prevention undercoating
- 4.4. Electrical System
 - 4.4.1. Multiplexed electrical system - Weldon V-MUX or equivalent
 - 4.4.2. Visual monitoring screens for electrical system (front and rear) with selectable switch/buttons preferred over touch screen for control interface
 - 4.4.3. Portable equipment charging circuits
 - 4.4.4. Rear module disconnect switching
 - 4.4.5. Shoreline power plug (Kussmaul 30 Amp Auto disconnect) mounted driver side (exact location to be determined at pre-build)
 - 4.4.6. Three (3) 125 Volt AC outlets in module interior
 - 4.4.7. Two (2) 125 Volt AC outlets in inside/outside med bag storage area
 - 4.4.8. One (1) 12 Volt outlet in module interior
- 4.5. Audio Warning Devices
 - 4.5.1. Primary Siren – Whelen 295 HFSA7 or equivalent with Whelen SA315 siren speakers (actual location determined at pre-build conference)
 - 4.5.2. Secondary Siren – Whelen Howler or equivalent low frequency warning system
- 4.6. Visual Warning Devices
 - 4.6.1. LED lighting package
 - 4.6.2. Front lighting –all LED
- 4.7. Body Design and Construction Components
 - 4.7.1. Maximum emphasis upon safety with design/construction
 - 4.7.2. Eberhard “free floating” latches for all exterior body compartment doors
 - 4.7.3. Nylon and epoxy based electrolysis barriers used between all dissimilar metals (ex. stainless steel and aluminum) used in frame rails, hinges, door handles, lighting, etc.
 - 4.7.4. Sound deadening insulation applied between walls and floors and also underbody
 - 4.7.5. Bumper, rear with 7" Diamondback flip-up step or equivalent
 - 4.7.6. Timer system for overhead lights – rotary control
 - 4.7.7. Assist handle - exterior adjacent to side entry door (exact location/size/material determined at pre-build)
- 4.8. Exterior Compartment Components
 - 4.8.1. Exterior compartments, gas charged door hold opens
 - 4.8.2. Exterior O2 vent - on O2 compartment door
 - 4.8.3. Exterior Compartments, Lok-Tyle floor & shelves
 - 4.8.4. Door seals, automotive closed cell gasket or equivalent
 - 4.8.5. Stainless Steel Door Sills - All Exterior Compartments
 - 4.8.6. Exterior Compartment Lights, LED

- 4.8.7. O₂ Tank Mount, Zico #QR-MV Bracket - "M" & Misc in oxygen compartment
- 4.8.8. Smoked acrylic cabinet glass
- 4.8.9. Southco latches for all flip up cabinet doors
- 4.8.10. Cleanout latches for all sliding cabinet doors
- 4.8.11. Exhaust fan – minimum flow rate of 240 cfm
- 4.8.12. Corian or equivalent solid surface countertop
- 4.8.13. Portable oxygen bottle storage in footwell at base of squad bench
- 4.8.14. IV holders, four (4) Cast Products #2008-1, ceiling mounted (exact location to be determined at pre-build)
- 4.8.15. Cab/Body pass through with sliding window
- 4.8.16. ALS cabinet to have a minimum of two (2) 125 Volt outlets at separate heights/levels (exact location to be determined at pre-build)
- 4.8.17. Cot mount, FERNO single position, center floor mount, cot retention hook mounted according to FERNO specification, with Floor puck and wiring harness for PowerFLEX.
- 4.8.18. Ceiling handrails, stainless brushed, standard full length
- 4.9. Interior Color Selection
 - 4.9.1. Cabinetry – grey
 - 4.9.2. Countertop – Corian “snow” or equivalent (exact color specification to be determined)
 - 4.9.3. Flooring -
- 4.10. Patient Compartment Seating
 - 4.10.1. Attendant seat - CPR seat
 - 4.10.2. Squad bench with storage beneath and backrest
- 4.11. Medical Oxygen and Environmental Systems
 - 4.11.1. Oxygen system, 3000 liters minimum
 - 4.11.2. Oxygen compartment interior access with hinged view window
 - 4.11.3. Oxygen outlets, three (3) - one (1) action area, one (1) squad bench, one (1) ceiling
 - 4.11.4. Oxygen flowmeter, gravity type, one (1)
 - 4.11.5. Oxygen flowmeter, dial type, one (1)
 - 4.11.6. Weldon Vista (or equivalent) internal digital O₂ content gauge
 - 4.11.7. Oxygen shut-off, electric solenoid with manual bypass
 - 4.11.8. Ducted HVAC through ceiling along length of patient compartment
 - 4.11.9. Digital thermostat operating HVAC system
- 4.12. Communication and Loose Equipment
 - 4.12.1. Radio antenna pre-wire, (2) base, power, ground & coax (exact locations determined at prebuild)
 - 4.12.2. Cell phone/radio equip, (1) each power & ground, coax cable
 - 4.12.3. DOT triangles, ship loose
 - 4.12.4. Vehicle operator's manual, hard cover binder

- 4.12.5. New vehicle owner's manual
- 4.12.6. Electrical schematics CD with transceiver, USB cable

4.13. Paint and Graphics

- 4.13.1. Body surface preparation with corrosion inhibitor
- 4.13.2. Safety graphics, rear barricade chevron including doors, match current configuration
- 4.13.3. Body paint color, single color, RED to match current apparatus or FORD red

TRADE IN Information

For trade is a 2005 Ford F350 Van Body Lifeline.

Ambulance is in good condition and has approximately 65,000 miles on it at the time of bid opening. Engine is newly rebuilt with all service records available



**PROPOSAL
AMBULANCE
FILE NO. 2015**

To: City of Norwalk
705 North Ave
Norwalk, IA 50211

We, the undersigned, propose to furnish the City of Norwalk, with the following equipment specified in accordance with the specifications hereto attached:

ADDITIONAL DUTY AMBULANCE

Purchase Price \$ _____

Less trade in value \$ _____

NET BID \$ _____

Calendar days for delivery after receipt of purchase order: _____ days

NAME OF COMPANY _____

BY _____ TITLE _____

ADDRESS _____

DATE _____ TELEPHONE NUMBER _____

SIGNATURE _____