



McHenry Township Fire Protection District

Invitation to Bid

Bid # 22-001 – Two (2) Type I Ambulances

The McHenry Township Fire Protection District invites interested and qualified parties to bid on the construction and delivery of two (2) Type I Ambulances.

This bid process and award of the contract will be made in accordance with Section 11k of the Illinois Fire Protection District Act (70 ILCS 705/11k). The McHenry Township Fire Protection District reserves the right to reject any and all bids, or any part thereof, or to accept any bid or any part thereof, or to waive technical or legal deficiencies, if deemed to be in the best interest of the District.

Bid documents will be available for pick up at the District office located at 3610 W. Elm St. McHenry, IL 60050 beginning on Friday March 18th 2022 at 9:00 AM (Local Time). Bid packages may also be downloaded from the District website www.mtfpd.org or emailed by contacting Deputy Chief Steven Spraker at sprakersteven@fire.mtfpd.org.

Two (2) bid packages must be addressed to Deputy Chief Steven Spraker in a sealed envelope clearly labeled "Ambulance Bid". One bid package should include an USB drive with a PDF copy of the bid submission. The outside of the envelope must include the name, phone number, and email address of the designated contact person. The envelope is to be delivered to MTFPD 3610 W. Elm St. McHenry, IL 60050 by **11:00 AM (Local Time), on Monday April 18th 2022.**

Bids **will not** be accepted via email, fax, or after the deadline. It is the responsibility of the Bidder to meet the specified deadline. Bids arriving after the specified deadline, whether sent by mail, courier, or in person will not be accepted. These submittals will either be refused or returned unopened. Mailed submittals which are delivered after the specified deadline will not be accepted regardless of postmark on the envelope.

The bid opening will be held at 11:00 AM on April 21st, 2022 at the District office located at 3610 W. Elm Street, McHenry, IL.

All questions about this bid document must be submitted via email as follows:

Deputy Chief Steven Spraker
Email: sprakersteven@fire.mtfpd.org

The District reserves the right to forward the question and answer to all prospective bidders. Please provide a return email address and phone number for responses.



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Bid #22-001 – Two (2) Type I Ambulance

General information for Bidders

Bids shall only be considered from companies that have an established reputation in the field of ambulance construction and have been in business for a minimum of ten (10) years. Bidders must provide a list of ten (10) units of similar design delivered and serviced in the Midwest region.

In order to ensure fair, ethical, and legal competition, either original equipment manufacturer (O.E.M.) or parent company of the O.E.M. shall have never been fined or convicted of price fixing, bid rigging, or collusion in any domestic or international ambulance/fire apparatus market. (No exception).

Each bidder shall furnish satisfactory evidence of their ability to construct the ambulance specified and state the location of the factory where the ambulance is to be built. The bid must also show that the company is in position to render prompt service and furnish replacement parts for said ambulance.

Each bidder shall hold their bid price for at least 60 days. The district anticipates a decision being made on the purchase at the May 19th board meeting.

Bidder shall provide all warranty documents with the bid.

Bidder shall submit complete manufacturer's specifications and descriptive literature for the unit being bid. A drawing of the proposed ambulance shall be provided with the bid.

Bidder is responsible to explain **ALL** exceptions to bid specifications in writing. When variations are not stated clearly, it will be understood the bidder proposed to meet all details of the specifications.

Bids shall be submitted in the same sequence as specifications for ease of evaluation, comparison, and checking compliance.

Bid price shall not include any federal or state taxes.

Bid shall identify any pre-payment discount option and the cost of a performance bond.

The proposal shall include a trade-in value/allowance for the ambulances being replaced. The two ambulances being replaced are both 2015 Ford F550 4x2 Osage Ambulances. Ambulances are available for inspection at Station #1 & Station #2.

Delivery

The ambulance, to insure proper break in of all components while still under warranty, shall be delivered under its own power, rail or truck freight shall not be acceptable. Delivery address is 3610 W. Elm, McHenry, IL. Delivery time of the unit, from the time of the bid being awarded, shall be provided as part of the bid.

The bidder shall supply at time of delivery, complete operation and maintenance manuals covering the completed ambulance as delivered.

Manufacturer

The major components shall all be assembled and installed by the bidder in the same location. It shall solely be the bidder's responsibility for parts availability and undivided SINGLE SOURCE warranty responsibility. All major components of the ambulance shall be built and assembled in the United States of America.

Inspection trips

The bidder shall provide up to two (2) factory inspection trips for two customer representatives. The inspection trips shall be scheduled at a time mutually agreed upon between the bidder's representative and the customer. All costs such as travel, lodging and meals shall be the responsibility of the bidder.

Service Center

The bidder shall list the address and location of the factory authorized service centers showing evidence of being able to render quick and reliable service. Service centers shall be within 50 miles of McHenry, IL.

General vehicle information

- 1. Type I Ambulance
- 2. Ford F550 diesel 4x4 chassis

Electrical/lighting

- 1. Batteries located within the engine compartment
Comply: Yes_____No_____ Exception_____
- 2. Exterior compartment doors to activate respective curbside flood lights
Comply: Yes_____No_____ Exception_____
- 3. Curbside door to activate curbside flood lights
Comply: Yes_____No_____ Exception_____
- 4. Rear scene lights to activate when transmission placed in reverse or when opening the rear doors
Comply: Yes_____No_____ Exception_____
- 5. Door buzzer to activate only when transmission is not in park with any door open
Comply: Yes_____No_____ Exception_____
- 6. Onboard battery charger with 110v shoreline connection
Comply: Yes_____No_____ Exception_____
- 7. Power indicator light for exterior shoreline connection
Comply: Yes_____No_____ Exception_____
- 8. Auto eject on shoreline connection to be mounted 60" off the ground
Comply: Yes_____No_____ Exception_____
- 9. Onboard inverter
Comply: Yes_____No_____ Exception_____
- 10. Radio antenna mounted on cab roof and prewired to cab console
Comply: Yes_____No_____ Exception_____

11. Prewire for a remote radio head from cab console to action wall in Ambulance
Comply: Yes_____No_____ Exception_____
12. Cradlepoint IBR1100 Wireless Router installed and Cat 6 cable run from router to under cab console
Comply: Yes_____No_____ Exception_____
13. GPS antenna mounted on Ambulance roof and wired to under cab console
Comply: Yes_____No_____ Exception_____
14. Liquid spring ride system with dump/cancel switch installed inside curbside rear entry door
Comply: Yes_____No_____ Exception_____
15. Cut off timer for the rear power of the ambulance to be set at 15 minutes
Comply: Yes_____No_____ Exception_____
16. Digital Clock with seconds display and wired to constant power
Comply: Yes_____No_____ Exception_____
17. Electric locks to all doors (cab, side, and rear doors – not compartments) with hidden override button
Comply: Yes_____No_____ Exception_____
18. Activation of rear warning lights when brakes are applied
Comply: Yes_____No_____ Exception_____
19. Rear warning, scene and taillights to be Whelen M series 600 LED lighting group as per MTFPD specifications
Comply: Yes_____No_____ Exception_____
20. "Go light" brand spotlight mounted to the top of the cab with console joystick controls
Comply: Yes_____No_____ Exception_____
21. Separate digital rear thermostat for rear ambulance compartment
Comply: Yes_____No_____ Exception_____

Interior

1. Minimum 74" headroom in patient compartment
Comply: Yes_____No_____ Exception_____
2. Roll up door on interior patient compartment
Comply: Yes_____No_____ Exception_____
3. Outside and inside access from right rear exterior compartment
Comply: Yes_____No_____ Exception_____
4. Corian or equivalent (must specify) countertop in patient compartment area
Comply: Yes_____No_____ Exception_____
5. All interior lighting to be LED including interior cabinets
Comply: Yes_____No_____ Exception_____
6. Rotary 15 minute timer for interior LED lighting
Comply: Yes_____No_____ Exception_____
7. Rubber flooring to extend 6" up sidewalls.
Comply: Yes_____No_____ Exception_____
8. Locking med/drug box cabinet to be purchased and installed (with pre wired to constant power Comp X Wi-Fi Network Cabinet eLock that is protected on inside of cabinet door with plexiglass) above EMS cabinet with a minimum opening of 27" wide by 20" high.
Comply: Yes_____No_____ Exception_____
9. Minimum of three glove box holders above side compartment door and two glove box holders on lower wall accessible from rear doors
Comply: Yes_____No_____ Exception_____
10. Rubber cab floor matting
Comply: Yes_____No_____ Exception_____
11. Interior cabinets with clear sliding doors and hinged restocking feature
Comply: Yes_____No_____ Exception_____

12. CPR seat moved aft as per MTFPD specifications.
Comply: Yes_____No_____ Exception_____
13. Attendant's seat – high back Captain's chair style (non-reclining) mounted as far forward as possible to maximize space between cot and Captain's chair
Comply: Yes_____No_____ Exception_____
14. Electric oxygen system with manual bypass feature and digital O2 readout in ambulance compartment
Comply: Yes_____No_____ Exception_____
15. Three (3) Streamlight, Fire Vulcan model 180 brand hand lights and supplied portable radio charges wired and installed – one installed in ALS cabinet, one installed in street side gear compartment and one installed on street side, forward exterior cabinet
Comply: Yes_____No_____ Exception_____
16. Four (4) 110v outlets with minimum 2 amp USB plugs. One in ALS cabinet, two front and one rear of the patient care area on action wall
Comply: Yes_____No_____ Exception_____
17. Rearview mirror that can monitor patient compartment and switches to back up camera when transmission is in reverse
Comply: Yes_____No_____ Exception_____
18. Grab handles inside rear doors
Comply: Yes_____No_____ Exception_____
19. Two (2) Glove box holders to be mounted on back wall of cab
Comply: Yes_____No_____ Exception_____
20. Report writing drawer and two equipment drawers under action area per MTFPD specifications
Comply: Yes_____No_____ Exception_____

21. Three (3) O2 ports, one installed on the ceiling over the patient stretcher area, installed on the action wall and one installed over the rotary timer above bench seat

Comply: Yes_____No_____ Exception_____

22. Gentec type flow meters installed on all O2 ports

Comply: Yes_____No_____ Exception_____

23. Squad bench to be full length with padding

Comply: Yes_____No_____ Exception_____

24. House electrical and pumps above the O2 compartment as per MTFPD specifications

Comply: Yes_____No_____ Exception_____

25. Two (2) installed recessed IV holders - locations as per MTFPD specifications

Comply: Yes_____No_____ Exception_____

Exterior

1. Rear curbside compartment divided to accommodate a Stryker brand stair chair. Compartment to have two (2) shelves installed.

Comply: Yes_____No_____ Exception_____

2. Street side, intermediate exterior compartment to have one (1) shelf installed

Comply: Yes_____No_____ Exception_____

3. Coat hooks and SCBA brackets installed as per MTFPD specifications (to be provided by MTFPD)

Comply: Yes_____No_____ Exception_____

4. 6" Body Drop on both side's forward of the rear wheels

Comply: Yes_____No_____ Exception_____

5. Exterior grab bar to rear of curbside compartment door

Comply: Yes_____No_____ Exception_____

6. Mounting bracket for spare oxygen "D" cylinder installed
Comply: Yes_____No_____ Exception_____
7. Dri-deck brand matting in all exterior compartments, cut to fit
Comply: Yes_____No_____ Exception_____
8. Lettering and striping per MTFPD specifications including a Red star of life mounted on the top of the AMBULANCE, both sides of box, front hood and star of life screening on rear door windows as illustrated below as illustrated below
Comply: Yes_____No_____ Exception_____
9. 3M "Diamond Grade" Chevron reflective striping on back of ambulance, exclusive of doors as illustrated below
Comply: Yes_____No_____ Exception_____
10. 3M "Diamond Grade" Chevron striping on lower half interior side and rear doors as illustrated below
Comply: Yes_____No_____ Exception_____
11. Backboard retention strap to hold the backboards and stairchair
Comply: Yes_____No_____ Exception_____
12. Nederman brand exhaust system receiver/magnet installed as per MTFPD specifications
Comply: Yes_____No_____ Exception_____
13. Tire inflation valve extenders for inside dual rear wheels
Comply: Yes_____No_____ Exception_____
14. Cab running boards with grip strut built into them
Comply: Yes_____No_____ Exception_____
15. Compartment lighting to be LED type
Comply: Yes_____No_____ Exception_____
16. Stainless steel wheel covers
Comply: Yes_____No_____ Exception_____

17. Fuel and DEF fill drip protection

Comply: Yes _____ No _____ Exception _____

18. Two (2) 5 lbs. ABC extinguishers mounted in compartments

Comply: Yes _____ No _____ Exception _____

Warning lights/siren

1. All LED emergency lighting – front, side and rear flashers and rear directional lights as illustrated below:

Comply: Yes _____ No _____ Exception _____

2. Installed chrome flanges around all exterior warning lights

Comply: Yes _____ No _____ Exception _____

3. Carson FA441 dual siren

Comply: Yes _____ No _____ Exception _____

4. Siren speakers mounted in front bumper

Comply: Yes _____ No _____ Exception _____

5. Buell air horns mounted as flush as possible in front bumper

Comply: Yes _____ No _____ Exception _____

6. Opticom pre-emption emitter installed (not infrared)

Comply: Yes _____ No _____ Exception _____

7. Two (2) air horn activation switches one installed by siren control and the other on the middle console so the officer can reach it not wired into master warning lights

Comply: Yes _____ No _____ Exception _____

Graphics To Be Applied by the Manufacturer

