

Smithville Area Fire Protection District



341 Park Drive
Smithville, Missouri 64089

Office 816-532-4902
Fax 816-532-4547

Aerial Ladder Truck Specifications

The Smithville Area Fire Protection District is seeking bids/proposals for the purchase of a used ladder truck. The district plans to make this purchase in 2024.

The following are minimum specifications and requirements for the apparatus:

The apparatus shall be a model year 2012 or newer.

The bidder shall disclose if the chassis or ladder has been refurbished.

The bidder shall disclose if the apparatus has suffered any major damage to any system or part of the apparatus, due to accidents, flooding, fire, or mechanical failure.

The bidder shall disclose any warranty offered on the major components of the apparatus; motor, transmission, drivetrain, water pump, and aerial device.

At the time of bidding, the apparatus shall have less than 60,000 miles on the chassis.

At the time of bidding, the apparatus shall have less than 15,000 hours on the engine.

The apparatus shall have a motor rated no less than 450 horsepower.

The motor shall start and run smoothly with no engine warning lights alarming while in operation.

The unit shall shift gears smoothly while being driven.

All tires shall have sufficient tread; and shall be less than 5 years old per the data stamped on the tire, at the time of the sales transaction.

Wheels shall be free of any structural damage.

The suspension and braking system, including brake pads and rotors, shall be fully inspected and repaired as needed to function as designed.

The aerial ladder shall be rated 95-feet or longer.

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The aerial ladder shall have a valid/passing ladder test and certification not more than 60 days prior to the sale transaction.

The aerial ladder system shall function as designed. The ladder shall be free of structural damage, rust, and warp.

The stabilization function of the apparatus shall function as designed. All safety systems, including sensors, alarms, and warning lights, shall function as designed.

The apparatus shall have a pump with a rated capacity of no less than 1,500 gallons per minute.

Valves present on the pump system, both on the intake and discharge sides of the pump, shall operate freely and open and/or close completely, as designed.

All gauges present on the pump panel shall operate as designed. Any broken or damaged gauges, lens, covers, trim, etc. shall be replaced.

The pump shall have a valid/passing ladder test and certification not more than 60 days prior to the sale transaction.

The apparatus shall have a water/booster tank with a rated capacity of no less than 300 gallons.

The body shall be free of any structural defects, and free of any major rust damage.

The bidder shall disclose any known structural or mechanical issues with the apparatus.

The apparatus shall have an enclosed cab with no less than 3 seated mounted SCBA positions.

All safety devices, seatbelts, seat occupant sensors, and airbags present shall be in working order.

All safety alarms present: door open alarms, compartment open alarms, stabilizing jacks deployed alarms, etc. shall work as designed.

The cab shall have a fully functioning heat and air conditioning system.

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The interior of the cab, including dash, seats, door panels, and headliner, shall be cleaned and in good condition.

The windshield shall be free of cracks, chips, or damage.

Side windows shall be free of damage and operate as designed.

Interior lights present in the cab shall be in working order.

Headlights, brake lights, taillights, turn signals, and DOT clearance/running lights shall be in working order. Any broken or damaged lens, covers, trim, etc. shall be replaced.

Warning equipment present: emergency warning lighting, sirens, airhorns, etc. shall be in working order. Any broken or damaged lens, covers, trim, etc. shall be replaced.

Scene lights, spotlights, ground lights, step lights, work lights, and ladder rung lights shall be in working order. Any broken or damaged lens, covers, trim, etc. shall be replaced.

Compartment doors shall open, close, and latch as designed. Lights, sensors, and safety features in the compartments or on the compartment doors shall function as designed.

Compartments shall be free of any major structural damage.

If offered or available, the bidder shall include a cost estimate to apply lettering and striping to match the current apparatus fleet of the fire district.

Bids shall include delivery to the fire district at 341 Park Drive, Smithville, Missouri.

Bids shall be submitted to Dave Cline, Fire Chief, at dcline@safpd.com. Bids must be received before, February 15, 2024, at 1700hrs.

The Smithville Area Fire Protection District reserves the right to reject any or all bids, or to procure the apparatus on their own without a formal dealer bid, at their sole discretion.

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