



KINGFISHER COUNTY COMMISSIONERS

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Kingfisher County Courthouse
101 S. Main, Room #9
Kingfisher, OK 73750

January 13, 2025

Bid # 12-24-25

NOTICE TO BIDDERS

Notice is hereby given that the Board of County Commissioners of Kingfisher County will receive sealed bids for a Brush Truck (built on provided platform), with all necessary equipment fully serviced and ready to operate for the Hennessey Fire Department.

Bids will be accepted at the Kingfisher County Courthouse in the Office of the County Clerk until 4:00pm on the 7th day of February, 2025 to be opened at their regular meeting of February 10th, 2025.

Specifications for the Brush Truck and equipment required are included in the bid packet and also available from the purchasing agent located in the Kingfisher County Clerk's office.

The Board of County Commissioners reserves the right to reject any or all bids. All bidders must complete a statement of non-collusion. Please contact Kingfisher County Clerk's office for bid results at 405-375-3887.

Board of County Commissioners
Kingfisher County Courthouse
Kingfisher, Oklahoma

CHAIRMAN: *Anthony Schwarz*
Anthony Schwarz

MEMBER: *Jeff Moss*
Jeff Moss

MEMBER: *Mike Sparks*
Mike Sparks

ATTEST:



Emily Hill

COUNTY CLERK

5 Ton Brush Truck Build Specifications

Hennessey Fire Department

Chassis

The cab and chassis will be supplied by HFD. It will be a 1990 BYM M923A2 6X6 5-ton chassis. Existing truck bed will be used unless otherwise specified by bidder. If the bidder includes a new bed, specifications must be included by the bidder for the materials used for the construction of the new bed.

Front Bumper

The front bumper will need to have support made for the front mounted forestry monitor that will be added to the front of the unit. It also must stay out of the way of the tilting hood. Need to have additional structural protection for forward facing lights on front of apparatus. There will be a pintle hitch, like the one on the back of the vehicle, mounted on the front used for vehicle recovery in the situation it is stuck.

Front Remote-Controlled Nozzle

A front monitor will be installed on the front bumper that will be controlled in the cab with a joystick. The monitor will be mounted high enough to see it from the driver's seat. It shall have an electronically controlled valve installed to control flow to said monitor. Shall have selectable gpm from 30-125 (Akron equivalent)

Front Bumper Spray Nozzles

There shall be 4x 3/4 fan style front bumper nozzles placed on the front bumper to cover the whole width of the truck and spray in a forward direction. The two outside ones may be turned at a 45-degree angle if needed. They shall be controlled by three electric controlled valves. The valve switches inside the cab will be labeled, left and right and center.

Transverse Walkway

Directly behind the chassis cab, the apparatus body shall have a transverse walkway. It shall be approximately 30 inches wide (front to back) and the width of the apparatus bed (driver to passenger side). It will have an inward swinging; self-closing safety gate install on the driver's side. Minimum height of the gate shall be 52 inches. Also, need to install walkway to ground steps on the driver's side. Bottom of steps shall be no lower than the steps on the vehicle. The walkway will be illuminated with red or white, LED, flush or grommet mounted work lights in the walking area so that no dark spots are visible while vehicle is running.

Pump Control Panel

The pump panel shall house all the flow valves, tank water level, start/stop controls, electric +throttle control, oil pressure gauge or light, and pump output pressure. It needs to

be tilted for a better view from the operator's standpoint on the platform. Red or white LED lights to illuminate the panel. The panel needs to be hinged to allow access to valves and other related wiring and hardware. Panel finish needs to be in such a way that will cut down on sun reflectiveness towards operator's vision.

In Cab Pump Controls

We require a custom console between the seats and the dash area for in-cab controls. The console shall house electric siren controls, pump start/stop and oil pressure light and pump output pressure Gauge, electric throttle control, Kenwood fire service radio (provided by HFD), 130-degree backup camera and a tank level indicator. It should also have room for switched water flow valves and other accessories that need switches like scene lighting (front, back, driver passenger), siren controls, and HFD supplied fire radio fire comm system (Firecom 5000D). Needs to have 2 12volt cigarette lighter plugs and 2 usb plugs at minimum. All electrical shall be ran inside wire loom.

Water Level Indicator

A water level system will be installed with a readout inside the cab on the cab console, one on the pump controls on the transverse walkway and one on the back corner of the bed.

1200-gallon poly Tank

A 1200-gallon poly tank, fully baffled to prevent water slosh, shall be mounted to the top of the apparatus bed and made as lowest profile as possible. The tank will allow a 12-inch storage tray on the driver side and passenger side of the bed. The tank shall include a sump in bottom of tank to allow 100 percent usage of water along with a 3-inch drain. Shall have a 10x10x10 fill tower in the driver's front corner. Other features shall include a hinged lid on fill tower with removable screen, drain plug, removable lifting eyes and a lifetime warranty. Needs to have a 3-inch suction in bottom of tank to go to pump. Tanks are built with smooth side out for decal applications.

Pump

Flows ranging from 170 GPM @ 150 PSI to 250 GPM @ 100 PSI and will be powered by a 35hp fuel injected gasoline engine. There will be 3 places for electric throttle control for the pump engine. One in the cab control panel, one on the pump panel and one next to the 2.5 discharge. The fuel tank for the pump will be mounted on the driver's side of the bed on top of the bed. It will hold at least 12 gallons of gas and have a gauge to tell how much fuel it has. It will be able to fill from standing on the ground when filling the apparatus tank. Pump shall be mounted on the front of the bed on the passenger side below bed. All maintained items shall be easily accessible when the pump is mounted.

Plumbing

Needs to go to a discharge manifold. On the manifold shall be 5 valves for one booster reel, one high pressure booster reel, two whip lines and a recirc line. Each valve should be clearly labeled. Each valve shall be a full flow, apparatus type valve. There will also be a discharge line with 2.5 fire thread installed at a location to be determined by HFD after the pump is mounted. All fill lines will go to the sump, so there is only one connection on the bottom of the tank. There will be on the passenger side next to the pump a 2 ½ swivel female fire hose connector with a valve for tank fill. Also coming out of the back by the bumper, between top of rear bumper and bottom of the bed, we shall have a 2 ½ swivel female swivel fire hose connection and a 3-inch female PT coupler with valve for tank fill. Each fill connections shall have chained caps. We shall have a valve from sump on tank to suction of pump to service pump and not drain the whole tank.

Whip Lines

Two whip lines shall be made from 1 inch firefighting style booster hose and no longer than if they are thrown over the side of the apparatus they won't touch the ground. Driver side shall have a 3/8 smooth bore pistol grip nozzle with a bail shut off. Passenger side whip line shall have a selectable gpm, pistol grip nozzle with a bale shut off. Settings shall be 5,10,24,40 gpm @100 psi.

Booster Reel

A firefighter style booster reel with an electric rewind with roller guides shall be mounted on the back driver side of the apparatus bed. The electric rewind shall be run by a button somewhere near the reel. 150 feet of 1 inch booster hose and a nozzle with settings of 25,40,60 gpm @100psi with pistol grip and bail shut off.

High Pressure Hose Reel

A 3/4 firefighting style booster reel with electronic rewind and roller guides shall be mounted on the back passenger side and facing the back of the vehicle+. The electric rewind shall be controlled by a button somewhere close to the reels and accessible from the ground. 300 ft of 3/4 hose with a wand style nozzle shall be supplied with hose reel.

Ice Chest Compartment

A toolbox the size of 30 inches wide, 18 inch tall and 24 inch deep that will fit between the rear wheel and back of bumper on driver side below bed. Make a 100 percent extension spot for an ice chest (PROVIDED BY HFD). Shall have a hinged door that swings down.

Toolbox

A toolbox the size of 30 inches wide, 18 inch tall and 24 inch deep that will fit between the rear wheel and back of bumper on passenger side below bed. Shall have a hinged door

that swings down. There will be a tray 12 inches wide and 8 inches tall on both sides of the water tank. The driver's side will start behind the fuel tank and run the length of the water tank. The passenger side will be the whole length of the tank.

Sirens and switch controls

A siren and switch control shall be mounted in the in-cab control box the builder supplies. It should have a 3-position slide and 6 push buttons to control all emergency lighting. There will be additional switches for work lights mounted in new control box. Work lights shall be switched into 4 zones, front, rear, left and right. A 100-watt external speaker shall be mounted on the back of the cab on headache rack or close to the pump panel.

Truck Lighting

All DOT truck lighting will be replaced with LED lighting. Headlights will be LED as well. Remove the marker lights from the front fenders and install new ones in the hood above the headlights. A solid state 97Db backup alarm shall be installed in the rear of apparatus and will function while vehicle is in reverse.

Work Lights

The walkway and pump area will be illuminated with red or white, LED, flush or grommet mounted work lights so that no dark spots are visible while vehicle is running. White led lights will need to be installed to light up below both doors and walkway gates. 3 led light bars on the front of the vehicle facing forward. The one in the middle shall face forward and the ones on either side shall be at an angle so that there isn't a dark area driving forward wired into the "front" switch for work lights. Install 6 21,600 lumen scene lights. 2 on each side and 2 on rear Lights controlled with 3 separate switches that will be installed on the in cab console. Exact position to be determined

Emergency Lighting

A minimum of a 56-inch LED red and white light bar shall be mounted to the top headache rack. Back led modules shall be able to be turned off when fronts still operate. Install a minimum of 10 red flashing LED light modules with clear lenses on apparatus. Positioning to be determined by HFD. All flashing lights will be synchronized with each other.

Electrical

Truck batteries shall be removed out of truck cab and into toolbox on passenger side. The truck starting and charging system shall be converted to 12v. Master disconnect will be installed for all added electrical equipment. It shall work through the ignition switch. When the switch is turned on it shall allow the electrical system to operate properly. This allows the system to be shut off by drivers to avoid errors from not switching off all the systems

and eliminant accidental battery run down. All flashlights and tablet charger shall charge with master switch off. All electrical will be run in wire loom or protective loom.

Shore line for air

Add a place for an air shoreline to hook up to vehicle to always maintain air pressure to apparatus to minimize run time to build air. Location to be determined by HFD later.

Paint

Anything to be painted shall be sandblast before primed and painted. The cab and bed shall be primed and painted Ford Race Red (paint code PQ) The frame, suspension, bumpers, and wheels shall be primed and painted flat black. Anything else that has a reflective or shiny appearance shape be painted flat black to reduce glare.

Exhaust

Remove the existing exhaust pipe and relocate it down the frame with a turndown between the rear axle and the rear bumper.

Accessories

- 1) Spanner and hydrant kit
- 2) 6 ft pike pole mounted (location to be determined later)
- 3) Halligan, mounted (location to be determined later)
- 4) Drip torch and holder mounted (location to be determined later)
- 5) Spade shovel mounted (location to be determined later)
- 6) Fire rake mounted (location to be determined later)
- 7) Fire extinguisher (location to be determined later)
- 8) Driver and passenger low back air ride seats mounted
- 9) 2 ½ fire thread to 3-inch pt camlock
- 10) 2 led flashlights and charging bases 400 lumens runs 10hr 180degree swivel head flat base to sit flat on ground (location to be determined later)
- 11) 2.5 to 1.5 gated Wye

Bid Price\$ _____

ANY REFERENCE TO BRAND NAMES USED IN THIS BID IS FOR REFERENCE ONLY,
PROVIDING PRODUCT CHOSEN BY FIRE DEPT MEETS OR EXCEDED SPECIFICATIONS
OF THE BRAND NAME MENTIONED

NON-COLLUSION AFFIDAVIT
 To Accompany Contractor's Bid

STATE OF _____)
) ss:
 COUNTY OF _____)

_____ (Contractor's Authorized Agent), of lawful age,
 being first duly sworn upon his/her oath, states:

1. I am the duly authorized agent of _____ (Bidder's Company Name), the bidder submitting the attached competitive bid (the "bid"), for the purpose of certifying the facts pertaining to the existence or nonexistence of collusion among bidders or between bidders and municipal officials or employees, as well as facts pertaining to the giving or offering of things of value to government personnel in return for special consideration in the award of any contract associated with the bid attached to this document;
2. I am fully aware of the facts and circumstances surrounding the making of the bid and have been personally and directly involved in the proceedings leading to the submission of such bid;
3. Neither the bidder nor anyone subject to the bidder's direction or control has been a party to: Any collusion among bidders to restrain the freedom of competition by agreement to bid at a fixed price or to refrain from bidding; Any collusion with any county official or employee as to quantity, quality, or price in the bid or contemplated contract, or as to any other terms of such bid or contemplated contract; nor any discussions between bidders and any county official or employee concerning the exchange of money or other thing of value for special consideration in the award of the contemplated contract.

Further, Affiant saith not.

 Signature of Authorized Agent

 Title (printed)

Subscribed and sworn to before me this _____ day of _____, 20____.

(SEAL)
 My commission expires:

 Notary Public