



KINGFISHER COUNTY COMMISSIONERS

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

August 23, 2021

NOTICE TO BIDDERS #2-21-22

Notice is hereby given that the Board of County Commissioners of Kingfisher County will receive sealed bids for Two (2) Wildlands Fire Fighting Apparatuses (built on provided platform), with all necessary equipment fully serviced and ready to operate for the Omega Fire Department. Bids will be accepted at the Kingfisher County Courthouse in the Office of the County Clerk until 4:00pm on the 17th day of September, 2021 to be opened at their regular meeting of September 20th, 2021.

Specifications for the Wildlands Fire Fighting Apparatuses 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: 
Heath Dobrovolny

ATTEST:

MEMBER: 
Jeff Moss



MEMBER: 
Ray Shimanek

COUNTY CLERK



VENDOR LIST

For two 2019 Ford F450 Cab and built chassis quick attack brush trucks.

J&J Custom Fire Inc.
22274 Valley
Red Rock, OK 74651

Chief Fire Safety
927 S. 4th St
Chickasha, OK 73018

Conrad Fire Equipment
1367 Skyline Blvd.
Edmond, OK 73025

Daco Fire Equipment
P.O. Box 5006
Lubbock, TX 79408

Steele Fire Apparatus
806 NE 1st St
Haskell, TX 79521

Weis Fire & Safety
111 E. Pacific Ave
Salina, KS 67401

Alpha One Fire Truck LLC
272430 Osage Rd
Duncan OK, 73533

Splash Sales LLC
8555 S. Sooner Rd
Guthrie, OK 73044

Blanchat Manufacturing
P.O. Box 444
Harper, KS 67058

General Specifications

Note: Any brand names listed are for examples purpose only. Any equipment substituted shall be equal or better than the listed brand.

Omega Fire Department will provide two 2019 Ford F450 Cab and chassis to be built into quick attack brush trucks.

This bid includes the install of the following equipment and modifications made to the 2019 Ford F450.

Contact Omega FD Sid Smith 405-368-3100 for questions on these specs.

Truck Bed

- One Welded Steel bed approximately 9' in length and 8' wide
- This bed to be custom built with a 6" channel sub frame attached to truck frame with ½" x 4" and ½" x 6" steel plates at front and back of bed. Bed is to be constructed of a 2"x2" square tubing frame with a 1/8" smooth steel top, rear, and 6" side plate.
- Walk way to be approximately 20" wide with 1/8" floor decking on floor of crosswalk to aid against slipping. Walkway floor to be at the same height as the bottom of the cab. Walkway to include D ring in middle of headache rack for fire fighter tie off and two inward swing gates built with 1 ½" square tubing with a pin and cable latching system for fire fighter safety.
- Headache rack to be built with 2"x2" square tubing to fit contour of cab and bed. With expanded metal to protect back glass on cab of truck.
- Headache rack to have mounts built onto it for placement of light bar and an antenna mounts.
- Bed to have limb sweeps.
- Bed to have 2" receiver hitch bought and installed on rear of truck frame.
- Bed to include rubber mud flaps mounted behind tires.
- Bed to have fuel cap and filler built into top of bed.
- Bed to be painted to match truck paint.

Water Tank

- One 400 gallon black polypropylene tank attached to bed at front and back of tank with ¾" bottom, ½" walls and ½" baffles, this tank to meet all NFPA tank standards and will include 1" recirculation port, 3" hydrant fill on left rear of tank, 8"x8"x 5" tall fill tower mounted on left front on top of tank, a 3" suction port on back of tank left rear corner, 3" overflow will dump out bottom of tank. Sight glass to be installed on right rear of tank.
- Tank will have a 10-gallon foam cell mounted on left rear corner of tank with 8"x8"x 5" tall fill tower and sight glass.
- Placement of tank to be mounted with 60% of the weight in front of centerline of truck axle.
- This tank suction is built to within ½" of bottom of tank.
- Spare tire to be mounted on top of tank.

Pump

- One CET SM PFP 20hp KHL MR with Kohler engine high pressure fire pump, with exhaust primer installed with stainless steel manifold installed on rear of bed.
- Start package to include start, stop, choke, and throttle mounted at walkway.
- All valves on Manifold to be brass full port ¼ turn valves.
- One 5-gallon Aluminum fuel tank mounted on bed for pump engine.

Foam System

- Foam tank to be built into water tank.
- Blizzard Wizard foam system that is an around the pump system that will be electrically operated by a switch at the control panel.
- This system has an electric valve for a recirculation line to keep foam out of the water tank.

Nozzles

- Install three Akron 5/10/20/40 GPM adjustable pistol grip fire nozzle installed on 1" red line hose and on two whip lines

Tank Level Monitor

- Install a Tank Vision tank level monitor on crosswalk and in console of cab

Hose Reel and Hose

- Hose reel to be a Hannay EF24-23-24 12 volt electric rewind reel that to be mounted on rear corner of bed. Hose reel to have low side rollers installed with rewind button on reel mount. Reel to have 200' of 3/4" red line rubber hose with NH hose thread.
- Install reel to be a Hannay E1826-17-18 12 volt electric rewind reel that to be mounted on rear corner of bed. Hose reel to have quad rollers installed with rewind button on reel mount. Reel to have 300' of 5/8" red line rubber hose with NH hose thread.
- Two 1" Yellow whip lines Hy-tech brand hose with NH hose thread.

Piping

- All piping to be galvanized steel.
- All valves to be brass full port. (1", 1 ½" and 2 ½")
- All Hose fittings to be brass (1 ½", 2 ½").
- All caps and chains to be brass.
- All threaded connections to be (NPT) national pipe tapered thread.
- Piping to include 1 ½" discharge on manifold.
- One tank to pump valve.
- One 1 ½" discharge valve with brass swivel adapter plug and chain.
- One recirculation valve 3/8" installed from pump to tank for freeze protection.
- Two 1" whip line installed on walkway 8' in length with valves.
- Manifold to be made for the front to have a plugged 1.5" port for future use.

Front Bumper Replacement

- Front bumper to be replaced with a Tuff Country with light cutouts and receiver hitch built in.
- Front bumper will be painted to match the truck.
- Install 12,000-pound Ramsey or Warn Winch on front bumper.
- Install quick connect plugs for winch at front bumper and at rear of truck.

Toolboxes

- Mount one aluminum Highway Product 20" wide x 30" tall x 60" long tool box on driver side
- Mount one aluminum Highway Product 20" x 30" x 60" Passenger box to have 4 SCBA mounts installed box.
- Both boxes to have barn style doors.
- Converters to be installed in aluminum boxes wired to an outlet.
- Tool box built between the frame rails approximately 76" long, 34" wide and 6" tall with a locking fold down door, this tool box is lined with white polyethylene.

Ground Sprays

- Two ground sprays to be mounted. One on front driver side and one on passenger's side of front bumper.
- Ground spray controls to be mounted in console.

DOT Lighting

- Six red oval lights on rear tail board of truck on each side angled in an inverted v pattern.
- Five red LED 3/4" markers on rear of bed, two yellow LED 3/4" markers on front left and right sides of bed, two red LED 3/4" markers on rear left and right sides of bed.
- Install backup alarm on rear of truck.
- Two white LED tag light.

Emergency lighting

- Ten Speed-Tech Z-6® TIR LED Surface Mount Warning Light Head red and blue lighting to be installed on bed and front bumper. Two on each side of the bed, two on the rear tailboard, one on each side of the bumper and two on the front of the bumper.
- One Speed Tech K-Force® Linear 47 Full Size LED Light Bar with controller, to be installed on headache rack of truck. Light bar includes left and right ally, takedowns and traffic control.

Work Lighting

- Install LED lighting on front and rear of tank facing out on both left and right sides.
- Install LED lighting on rear of tank facing rear of truck.
- Install LED lighting on front grill guard.
- Install LED lighting in the tool boxes that will turn on when driving light are on.

Console

- Truck cab to have a Jotto Desk console installed between seats on floor of cab to mount the siren control box, one radio and light controls.
- Console to include master switch to isolate all added equipment with light to show when switch is turned on. Console to have fuse of circuit breakers installed on all added equipment.
- Console to include siren control box, emergency light controller, LED light switches, 2 USB ports, 12 volt aux port, mini tank vision gauge, and one radio.
- Install back up camera to bed with monitor on dash.
- Install Fire Com head set system connectors

Siren, Radio, and Speaker

- Install one radio antenna mount on headache rack.
- Install a Fenix speaker on front grill guard.
- Install a Whelen EPSL1 siren controller

Vinyl

- Fire Department specific vinyl
- Install red and yellow reflective striping on tailboard of bed in inverted "v" chevron pattern.
- Bed and truck striping shall be a 4" black reflective stripe on both sides of bed and truck.

Fire Com

- Install Fire Com 5100D Digital Intercom controller
- Install 2 Fire Com headsets