

Pittsburg County, Oklahoma
COUNTY PURCHASING OFFICE
 Pittsburg County Court House
 McAlester, Oklahoma
 Phone: (918) 423-4934

INVITATION TO BID

PLEASE REVIEW TERMS AND CONDITIONS ON REVERSE SIDE RELATING TO SUBMISSION OF THIS BID.

Notarized Affidavit completions and signature required on reverse side.

DATE ISSUED	13-May-13
PAGE 1 OF _____	

BID NUMBER Bid # 23	BID CLOSING DATE AND HOUR May 28, 2013 @ 10:00AM	REQUIRED DELIVERY DATE <small>Days after award of Purchase Order</small>
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TERMS:	DATE OF DELIVERY:
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Item	Quantity	Unit of issue	DESCRIPTION	Unit Price	Total
			<p>Board of County Commissioners Pittsburg County wishes to advertise for the following for the Russellville Volunteer Fire Department.</p> <p>One (1) new Brush Truck Lease Purchase with Financing included</p> <p>See specifications attached</p>		

TERMS AND CONDITIONS

1. Sealed bids will be opened in the Commissioner's Conference Room, Pittsburg County Courthouse, McAlester, Oklahoma, at the time and date shown on the invitation to bid form.
2. Late bids will not be considered. Bids must be received in sealed envelopes (one to an envelope) with bid number and closing date written on the outside of the envelope.
3. Unit prices will be guaranteed correct by the bidder.
4. Firm prices will be F.O.B. destination.
5. Purchases by Pittsburg County, Oklahoma, are not subject to state or federal taxes.
6. This bid is submitted as a legal offer and any bid when accepted by the County constitutes a firm contract.
7. Oklahoma laws require each bidder submitting a bid to a county for goods or services to furnish a notarized sworn statement of non-collusion. A form is supplied below.
8. Bids will be firm until

(DATE)

AFFIDAVIT: I, the undersigned, of lawful age, being first duly sworn on oath say that he (she) is the agent authorized by the bidder to submit the above bid. Affiant further states that the bidder has not been a party to any collusion among bidders in restraint of freedom of competition by agreement to bid at a fixed price or to refrain from bidding; or with any state official or employee as to quantity; quality or price in the prospective contract or any other terms of said prospective contract; or in any discussions between bidders and any state official concerning exchange of money or other thing of value for special consideration in the letting of a contract; that the bidder/contractor has not paid, given or donated or agreed to pay, give or donate to any officer or employee of the State of Oklahoma (or other entity) any money or other thing of value, either directly or indirectly in the procuring of the award of a contract pursuant to this bid.

Subscribed and sworn before this _____ day
of _____ 20_____ (seal)

Firm: _____

My commission expires _____ Signed by: _____ Title: _____

(MANUAL SIGNATURE OF UNDERSIGNED)

Address: _____ Phone: _____

NOTARY PUBLIC (CLERK OR JUDGE)

City: _____ State _____

Zip _____

NOTE: Other terms and conditions can be added at the discretion of the county officers.

RESOLUTION

The Board of County Commissioners, Pittsburg County, met in regular session on Monday, May 13, 2013.

WHEREAS, the Board of County Commissioners, Pittsburg County, wishes to advertise for the following for the Russellville Volunteer Fire Department:

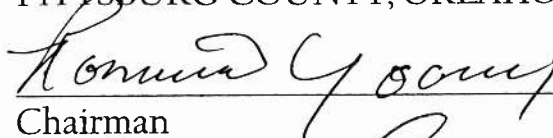
One (1) new Brush Truck
Lease Purchase with Financing Included


A bid package containing complete specifications and an "Invitation to Bid" are available at the Pittsburg County Clerk's Office, 115 E. Carl Albert Parkway, Room 103, McAlester, OK 74501.

THEREFORE, each competitive bid submitted to the County must be accompanied with an affidavit for filing with the competitive bid form, as required by 61 O.S. § 138.

Sealed bids will be received and filed with the Pittsburg County Clerk and opened on Tuesday, May 28, 2013 at 10:00 a.m. in the Board of County Commissioners Conference Room, Pittsburg County Courthouse, 115 E. Carl Albert Parkway, McAlester, Oklahoma. Contract will be awarded to the lowest or best bidder. The Board of County Commissioners, reserves the right to reject all bids and re-advertise.

BOARD OF COUNTY COMMISSIONERS
PITTSBURG COUNTY, OKLAHOMA



Chairman


Vice-Chairman


Member



ATTEST:


County Clerk

It shall be the intent of these specifications to cover the furnishing and delivery of a completed apparatus equipped as hereinafter specified. These specifications cover only the general requirements as to the type of construction and test to which the apparatus shall conform, together with certain details as to finish, equipment and appliances with which the successful bidder shall conform. Minor details of construction and materials, which are not otherwise specified, are left to the discretion of the contractor, who shall be solely responsible for the design and construction of all features. Any expense related to meetings and delivery will be at the manufacturer's expense. Delivery of the apparatus will be made to Russellville Area Volunteer Fire Department within **150 Days** after notification of Bid Acceptance.

CHASSIS

Chassis-cab shall be suitable for subsequent mounting of a modular (containerized); transferable equipped apparatus body conforming to the requirements specified herein.

Cab-chassis shall meet or exceed the minimum requirements of this specification.

Model – 2012/2013 Regular 2-Door Cab/Chassis 4X4

Trim Level XL

Wheelbase -165"

Cab to Axle - 84"

G. V. W.R.- 19,500 lbs.

Engine -6.7L Turbo Diesel with block heater 300HP @ 2800 RPM and 600 lb/ft@ 1600 RPM with air cooling package

Stainless steel exhaust system (major components)

Transmission - 6-speed TorqShift automatic with SelectShift

Front Axle – 7,000 lb. electronic shift on-the-fly (ESOF) 4-wheel drive system with auto/manual locking hubs, coil spring suspension, 1-3/8" gas type shock absorbers, standard stabilizer bars

Rear Axle – 13,660 lb. wide track type with 4.88 ratio with left suspension, 1-3/8" gas type shock absorbers with stabilizer bar

Shocks -Heavy-duty front and rear

Brakes - Power, self-adjusting, hydraulic with four wheel anti-lock, disc front and rear

Steering - Power assisted steering.

Air Conditioning/Heating -Factory installed with 134 refrigerant

Fuel Tank -Single with minimum 40 gallon capacity.

Wipers -Minimum 2-speed with pause and intermittent feature with standard windshield washer functions

Driver and passenger side airbags.

Windows/Glass -Tinted safety glass

Instrumentation -Full set of gauges including oil pressure, water temperature and fuel level

Seats -Shall be OEM vinyl bench seat covered with color-coordinated fabric upholstery and furnished with shoulder harness and lap belts.

Mirrors -Manual Telescoping trailer tow mirrors with 2-way fold and manual glass

Convenience Light Group -Dual head dome light controlled by headlight/parking light switch and door operated switches (driver and passenger); under hood light; Headlight "ON" audible alert.

Lights -Halogen headlights with daytime running lights

Dome light front and rear with crew cab

Power points located on instrument panel (2)

Cab Door Windows -OEM manual type on left and right cab doors

Cab Door Locks -OEM on left and right cab doors

Radio -A factory installed AM/FM stereo radio with digital clock with four speakers.

Alternator -200 Amp

Battery -Dual 750 cca/78 amp

Color (standard) -Bright Red

Warranty

- 3 year/36,000 mile Bumper to Bumper Coverage
- 5 year/60,000 mile Powertrain Coverage
- 5 year/50,000 mile Safety Restraint Coverage
- 5 year/unlimited mile Corrosion (perforation) Coverage
- 5 year/100,000 mile Diesel Engine

One (1)

SUSPENSION CONVERSION

The chassis shall have the following suspension conversion installed:

The chassis lift kit shall be a 6" heavy duty, 4 link, off road suspension lift kit with heavy duty off road shocks installed on the chassis.

The steering will be hydraulically driven system with a gear ratio of 20.3:1.00 and the steering wheel will be 15" in diameter.

The front tires will be 335/80R20, 22 PR for severe service radial all terrain tread. The tire weight rating will match the rim rating.

Wheels for the front axle will be 20" x 11.00" steel disc, ten (10) hole pattern special order for Military/Government off road application. The weight rating of the rims will be 6,750 lbs. each.

The rear tires will be 335/80R20, 22 PR for severe service radial all terrain tread. The tire weight rating will match the rim rating.

Wheels for the rear axle will be 20" x 11.00" steel disc, ten (10) hole pattern special order for Military/Government off road application. The weight rating of the rims will be 6,750 lbs. each.

Black powder coated Nerf Bars will be furnished below the cab doors.

Spare Tire and rim shall be supplied of same type and size.

HEAVY DUTY BUMPER

A custom built heavy duty bumper will be installed in lieu of the standard OEM bumper. The bumper shall incorporate the siren speaker(s) and options such as winches, wild land monitors, and electric bumper nozzles.

WINCH 9500 LB.

A 9500# winch will be furnished in the front bumper. The winch will include 125' of 5/16" wire cable with four-way rollers.

CHASSIS MAKE READY ITEMS

The following items shall be installed on the commercial chassis in preparation for fire/apparatus/rescue application:

Battery cutoff switch- A battery cutoff switch will be installed.

Back up alarm- An electronic back-up alarm shall be supplied. A 97 db alarm shall be wired into the chassis back-up lights to signal when the vehicle is in reverse.

A 2" fuel fill shall be installed on the rear driver side of the deck. Depending on layout of body deck fuel fill can be mounted thru the body or the side of the body.

Rear Mud Flaps- Rear mud flaps shall be installed behind the rear dual wheels.

APPARATUS BED

The heavy-duty truck bed will be designed for rugged use. Formed aluminum beds will not be acceptable.

The apparatus flatbed body shall be approximately 96" wide x 108" long. The outer perimeter platform mainframe will be an "L" shaped aluminum extrusions 5" high with a 3" flange, with a 3/16" thickness.

The sub-frame cross members shall be 3" x 2-1/2" "I"-beam extrusions with a wall thickness of .190 on 16" centers. The cross members shall be welded to 4" x 2" C-channel extrusions that are 1/4" thick and run full length of the chassis frame rails. Standard "U" bolts are used to secure the bed to the chassis frame.

The standard flooring shall be 3/16" aluminum diamond plate attached to the cross-members and the outer perimeter extrusion.

If the bed is not furnished with a gated work station the headache rack shall be welded to the flat bed. The headache rack shall be constructed of 2" x 2" x .125" wall thickness aluminum tubing. The rear cab glass shall be protected with an aluminum mesh material welded to the center area of the headache rack. The lower 15" area shall be covered with 1/8"

aluminum diamond plate. From the floor area to the top of the headache rack shall be approximately 52" depending upon the cab height.

The rear face of the bed shall be 3/16" thick smooth aluminum plate and be approximately 15" deep x full width of the bed. (NOTE: The depth can be adjusted depending upon the ground clearance RAVFD desires.) The DOT marker lights and 4" diameter LED stop, turn and backup lights shall be mounted in this area. A full width access step shall be furnished fabricated from grip strut aluminum and shall be 12" deep. The rear face shall have an "A" style Chevron applied using diamond grade 3M scotchlite reflective red/yellow material.

The bidder shall warranty the bed for a period of ten (10) years. A copy of the warranty shall be included in the bid proposal.

WORK STATIONS

The work stations and transverse cross walk structure shall be separate and independent of the bed, NO EXCEPTIONS. This separation will allow for the bed to flex when the truck is driven in very rough terrain. The cross walk shall be constructed using heavy wall aluminum extrusions, diamond aluminum treadplate and grip strut material.

Each cubicle shall be approximately 30" wide x 25-1/2" deep and have a single hinged gate that pushes inward and returns to the closed position by means of a heavy duty gas shock. The gates shall be constructed of 1" x 2" rectangular aluminum tubing. The gate shall be 40" high x 20-1/8" wide. The push in style gate shall allow the firefighter to access the work station area without climbing up in the center of the cross walk. The work station floor area shall be fabricated from an aluminum grip strut material. The grip strut material allows for ease of cleaning this area with the open grid design.

To support the work station area a 2" x 2" tubing brace shall be furnished on the non-hinge side. Heavy duty stainless steel hinges shall attach the gates to the headache rack.

There shall be a headache rack integrated with the cross walk. The headache rack shall be fabricated from 2" x 2" square tubing and 3" x 2" tubing. The headache rack shall be constructed so that the light bar can be mounted off the front of the assembly. There will be expanded aluminum on the top half to protect the rear cab window. The lower area approximately 15" high shall be covered with aluminum treadplate.

REAR UNDERBODY STORAGE

There shall be a compartment furnished full length of the flat bed between the flat bed deck and the chassis frame rails. The compartment shall be approximately 34" wide x 5" high x full length flat bed with a hinged drop down door at the rear. The door shall be furnished with a positive type latch. This compartment shall be for long handle tools, hard suction hoses or back boards.

WATER TANK

The booster tank shall be rectangular in configuration and shall have a capacity of 500 gallons. All tank sides, top and bottom, shall be constructed of 1/2" black UV stabilized copolymer polypropylene.

The tank shall be constructed utilizing latest thermo plastic welding technology. A clean, hot air controlled temperature process shall ensure that the weld reaches its plasticized state without cold or hot spots.

The tank shall undergo extensive testing prior to installation in the truck. The process shall include an electronic spark and water fill test after both the internal and external tank shell welds are completed.

The tank shall have a combination vent and manual fill tower. The tower shall be located in the left front corner of the tank. The tower shall have a hinged cover and thick polypropylene screen.

There shall be two (2) standard tank openings; one for the tank to pump suction line with an anti-swirl plate and one for a tank fill line.

Baffles, both longitudinal and latitudinal shall be interlocking and thermo welded to minimize water surge during travel, enhancing road-handling stability.

FOAM CELL

A 10 gallon internal foam cell shall be installed in the tank. It shall be internally piped to accommodate the foam system. The fill tower shall have a pressure vacuum/vent.

WATER TANK LEVEL GAUGE

A water level gauge will be installed on the pump panel. The LED gauge shall use a transducer type sensor to determine the water level in the tank. Probe water level gauges shall not be used.

WATER TANK LEVEL GAUGE - REMOTE

A water level slave gauge will be installed in the cab. The slave gauge will be used in conjunction with the main tank level gauge installed on the pump panel. The LED gauge shall use a transducer type sensor to determine the water level in the tank. Probe water level gauges shall not be used.

WHIP LINE PASS THRU

There shall be a 1-1/2" pass thru welded into the tank from the rear pump area to the crosswalk area. The whip lines shall be plumbed off this 1-1/2" line.

SEPARATE MOTOR DRIVEN PUMP

Performance

The pump/engine shall perform to the standards of ISO 9 and NFPA 1906 low pressure pump rating. Typical pump performance from 5 foot draft at sea level shall be: 190 GPM @ 150 PSI, 250GPM @ 125 PSI.

Pump

The pump body shall be made of alloy aluminum castings coupled together with a stainless steel band clamp with an O-ring seal which allows quick pump volute removal for servicing. The pump end shall be factory hydrostatically tested to 300 PSI. The impeller shall be bronze. The renewable clearance rings shall be made of bronze to inhibit corrosion. The impeller shall be 8.75 inches in diameter and designed with a sleeve back end to prevent water from coming in contact with the engine shaft. The pump shaft seal shall be an automatically adjusting, maintenance free, mechanical type. The pump body shall be equipped with a petcock drain valve.

Suction/Discharge

The suction connection shall be a 4" Victaulic and the discharge shall be a female pipe threaded stainless steel flange.

Engine

The engine shall be a 4 cycle gasoline V Twin, overhead valve, air cooled design. Engine rating shall be 35 BHP at 3600 RPM. Engine displacement shall be 993cc (60.6 cu in) and shall be designed to meet current CARB (California Air Resources Board) and EPA (Environmental Protection Agency) standards. A 12-volt electric system shall be provided with electric starter and alternator. Engine shall be equipped with a residential muffler with USDA approved spark arrestor.

Mounting Platform

The pump/engine shall be isolation mounted onto a steel base plate.

Instrumentation

The pump shall be supplied with a remote mounted control panel. This panel shall include a throttle lever, master switch, push-on starter button, pull cable choke control, a 2.5 inch liquid filled discharge gauge and an oil pressure warning light.

Pump will have the ability to draft from 12 vertical feet.

PUMP CONTROLS-CROSSWALK

The pump controls shall be mounted in the crosswalk area. The controls will operate the pump engine only. There will be a start stop switch, throttle controls, pump panel light, and if applicable foam controls.

TANK TO PUMP

All plumbing shall be stainless steel schedule 40 pipe. A 2.5" quarter turn ball valve shall be installed at the tank with a victaulic fitting. There shall be a rubber hump style hose installed between the pump intake and 2.5" piping. There shall be custom fabricated aluminum brackets installed to support the plumbing. All pipe plumbing shall be welded to eliminate the need for fittings.

GATED SUCTION INLET

A 2.5" quarter turn ball valve shall be installed on the intake plumbing. There shall be a 2.5" chrome swivel inlet installed on the valve. A 2.5" male plug with chain shall be installed in the inlet.

STAINLESS STEEL MANIFOLD

The discharge manifold shall be constructed of 4" stainless steel square tubing. The stainless tubing shall be constructed out of schedule 10 type 304 stainless steel. The manifold shall be connected to the pump discharge with a 2.5" Victaulic fitting. The Victaulic fitting will allow in the ease of pump maintenance if needed. The manifold shall incorporate all discharge plumbing. The nipples used in the plumbing shall be schedule 40 type 304 stainless. The manifold shall be hydrostatically pressure tested to 400 psi to ensure there will be no leaking of the manifold or valves. The manifold shall be mounted on a rubber square pad to cut down on the vibration. All manifolds will be custom built to the fire department specifications to accommodate all the discharges, re-circulate, and foam valves that will be needed.

FOAM SYSTEM

A Class "A" foam system shall be installed. The controls for the foam system shall be incorporated in the pump panel. The plumbing shall use stainless steel, brass, and rubber hose fittings. When unit is turned on it shall produce foam at all discharges.

1-1/2" DISCHARGE

A 1.5" NST rear discharge valve will be mounted on the manifold. The valve shall be a brass water valve. There shall be a 1.5" chrome cap and chain installed on the valve.

2-1/2" DISCHARGE

A 2.5" NST rear discharge valve will be mounted on the manifold. The valve shall be a brass water valve. There shall be a 2.5" chrome cap and chain installed on the valve.

1" TANK FILL

A 1" tank fill valve shall be installed on the manifold. The tank fill shall be plumbed to the tank with 800 psi hose. The fittings on the hose shall be JIC type fittings.

BUMPER MONITOR

A Forestry STYLE monitor, 12 volt electrically controlled remote wild land monitor shall be furnished and installed on the front bumper extension of the apparatus.

The monitor shall have a two (2") inch waterway plumbed to the discharge manifold and be capable of flowing up to 125 gpm with adjustable nozzle or 200 gpm with fixed nozzle.

Controls for the monitor shall be mounted inside the chassis cab with a joy stick. Low flow nozzle shall come standard, adjustable 30, 60, 95 or 125 GPM. Customer shall specify desired flow.

All plumbing shall be routed under the apparatus body and be protected from any hazards that shall occur during operations.

HOSE TRAY

A custom aluminum treadplate hose tray will be installed on the rear driver's side of the apparatus deck. The hose tray shall be able to hold 150' of fire hose. The hose tray shall be plumbed to the manifold discharge with 250 psi rubber hose. JIC fittings shall be used on the hose. A 1.5" brass water valve shall be installed on the manifold. A brass 1.5" swivel elbow shall be installed in the hose tray to allow the fire hose to be bully deployed from the hose tray.

WHIP LINE DISCHARGES

There will be (2) 1" x 6' whip lines installed in the apparatus crosswalk. There shall be a 1.5" brass water valve installed on the stainless steel manifold. From the valve the rubber covered 250 psi hose shall be plumbed thru the tank or under the apparatus body. There shall be a 1.5" stainless steel tee mounted to the tank or crosswalk floor. Two (2) 1" brass water valves shall be installed on the tee with brass reducing adapters. The whip lines shall be installed to the valves for individual control. The whip lines shall be the same booster hose that is used on the electric hose reel.

HOSE REEL

An electric rewind booster reel shall be installed on the aluminum bed at the rear of the truck. The reel shall be constructed utilizing an all welded base. A 12-volt electrical motor shall be provided and will rewind the reel with a chain and sprocket drive mechanism. The reel shall have a capacity of 100 of 1" booster hose. A, fully shielded rewind switch shall be provided on the body on the same side as the reel. Electrical switch connections shall be coated to protect against moisture. Chrome finish rollers and guides with nylon bushings shall be provided on each side of the reel. Plumbing to the reel shall be a 1" flexible 800 psi hose with the discharge valve located at the operators control panel area.

LIGHTWEIGHT BOOSTER HOSE

One (1) length of 1" x 100 ft. lightweight hose shall be installed on the hose reel. The yellow lightweight hose shall have 1" NST aluminum couplings.

COMPARTMENT

Aluminum compartment(s) shall be installed on the top side of the apparatus deck. The compartment shall be 72" W X 30" T X 19" D. There shall be a double pan lift up door within the 72" wide compartment. There shall be compartment lighting installed to come on when the door is open. "T" handle latches shall be installed in the doors.

UNDERBODY COMPARTMENT

An aluminum underbody compartment shall be installed under the flatbed body. It shall be 24" L X 18" D X 18" T. There shall be a single drop down door. The compartment shall have automatic lighting installed.

CONSOLE

A console shall be installed. The console shall incorporate the switch box, siren control box, along with the customer supplied radio mounting. The console shall be mounted as part of the lower center dash area.

SWITCH PANEL

A switch box with on/off switches shall be furnished in the console to control the warning lights. The switch box shall contain (6) 20 amp switches.

LIGHT BAR

A LED light bar shall be installed on the headache rack of the bed. Light bar shall have (12) LED light heads, (2) LED alley lights and (2) takedown lights.

LOWER WARNING LIGHTS

Eight (8) Super-LED lights approximately 4x6, red led with clear lens, furnished with a chrome flange.

Lighting shall be mounted as follows:

Zone A- Two (2) on the front of the apparatus facing forward

Zone B Two (2) at the forward most point each side

Zone C- Two (2) mounted on side of apparatus deck, one (1) each side

Zone D -Two (2) mounted on the rear face of the bed

SIREN

An electronic hands free siren shall be furnished and mounted in the console desk. The siren shall be rated at 200 watt and have a five year warranty.

SPEAKER

A 100 watt composite speaker shall be mounted behind front bumper.

LED TELESCOPING LIGHT

A Push-Up style telescoping pole equipped with side mounting brackets shall be provided. All mounting brackets and pole fittings shall be heavy duty, cast aluminum and powder painted white to match the light head. Each telescoping pole shall be equipped with a 150 watt light head with the front bezel painted white. The light head shall contain 8 high power LEDs and a highly polished reflector. The light head shall operate from 10-36 VDC and maintain stable light output of 14,000 lumens and constant power consumption of 150W (current = power / voltage). The light head shall tilt up and down with two heavy duty handles and shall be mounted on to the top of the pole with a " swivel assembly. An on/off switch with weather-proof boot shall be provided on the swivel assembly. The inside pole shall be sixty inches (60") long and the outside pole shall

be eleven and one half inches (11-1/2") in length as standard or lengths can be adjusted by the manufacturer as required to fit a specified mounting location. All inside and outside poles shall be made only from drawn aluminum tubes. Each pole shall be deep etched, wire brushed and clear anodized to ensure a corrosion free appearance and lasting durability. The Push-Up telescoping pole shall rotate 360 degrees left or right. The apparatus manufacturer shall provide wiring for each of the installed lights and it shall be capable of carrying the maximum load required by that light and protected by a properly sized circuit breaker. The Extenda-Lite Pole shall have a 5 year warranty. The LED head shall have a 6 year warranty.

NOZZLE 1"

Three (3) 1" pistol grip nozzle shall be supplied. Nozzle shall have 10-20-25-40 adjustable GPM flow.

Lettering

Lettering will be Gold Leaf Vinyl with Black Shadow with a clear vinyl top for protection of the lettering on both chassis doors.

WARRANTY

Bidder to furnish warranty information on the body, tank, and pump.

Financing

Financing shall be arranged by seller for lease purchase in 5 year, 7 year, and 10 year options.