

NOTICE TO BIDDER
(PLEASE USE THE ENCLOSED BID SHEETS)

NOTICE IS HEREBY GIVEN that the Board of County Commissioners of Custer County, Oklahoma will, on **July 30, 2012 until the hour of 10:00 a.m.** on said day, in their office in the Courthouse in Arapaho, Oklahoma, receive sealed bids for the following:

Minimum Specifications For
**BRUSH TRUCK BED AND APPARATUS FOR
BUTLER FIRE DEPARTMENT**
Custer County, Oklahoma

Specifications and information are on file in the Custer County Clerk's Office in Arapaho, Oklahoma.

All bids must be in a sealed envelope, clearly marked BID, with the BID OPENING DATE.

All bids must be mailed or delivered to:

(Mailing)

CUSTER COUNTY CLERK'S OFFICE
P.O. BOX 300
ARAPAHO, OKLAHOMA 73620-0300

(Physical)

CUSTER COUNTY CLERK'S OFFICE
675 WEST "B" STREET
ARAPAHO, OKLAHOMA 73620-0300

Please follow all instructions for submitting bid proposals completely.

/S/KAREN FRY, CUSTER COUNTY CLERK
(SEAL)

INSTRUCTIONS FOR SUBMITTING BID PROPOSALS

1. This entire packet (Notice, Instructions, Minimum Specifications and Affidavit) shall be known as the "Invitation to Bid" form. Fill out the "Invitation to Bid" form *completely*.
2. Identify the outside of the sealed envelope as follows:
SEALED BID
CLOSING (Bid Date)
BID (Opening Time)
3. Place your company name and return address on the outside of the envelope.
4. File the bid proposal with the Custer County Clerk, either by mail or in person, until **10:00 o'clock a.m. on July 30, 2012**. Bids received after this time will be rejected and unopened. All bids will be opened at **10:00 o'clock a.m., July 30, 2012** during the County Commissioner's meeting held in the Custer County Courthouse, Arapaho, Oklahoma, Room 104, at 675 West "B" Street, Arapaho, Oklahoma.
5. All forms must be filled out completely. Any incomplete forms could result in rejection if the Board of County Commissioners considers such action to be in the best interest of Custer County.
6. The address of the Custer County Clerk is as follows:

<i>(Mailing)</i>	<i>(Physical)</i>
CUSTER COUNTY CLERK'S OFFICE	CUSTER COUNTY CLERK'S OFFICE
P.O. BOX 300	675 WEST "B" STREET
ARAPAHO, OKLAHOMA 73620-0300	ARAPAHO, OKLAHOMA 73620
7. All bid information shall be typewritten, or legibly written in ink. All corrections shall be initialed by the person signing the form(s).
8. On all bids requiring services or contract labor, proof of liability insurance may be required. Read the bid specifications carefully.
9. FOR PROMPT PAYMENT OF ALL INVOICES, PLEASE NOTE:
* Payment for maintenance & operational expenses for Custer County is made once a month. Approval of said claims is made on the second Monday of each month. For your claim to be considered for payment, the product(s) or service(s) must be delivered, and the appropriate paperwork on file with the County Clerk's office no later than five working days prior to the second Monday of the month.
* If the proper invoices and supporting documentation are not received by the monthly cut-off date, payment will be rendered during the following month's business.
* Please contact Karen Fry, Purchasing Agent, for a schedule for invoice submission in order to expedite payment processing.
10. Fill out the enclosed W-9 Form for your company and return it with your bid.
11. If you have any questions regarding the bid specifications, or the bid deadlines, etc., please contact Karen Fry, Custer County Clerk at (580) 323-4420.

NOTE: ALL BID PROPOSALS WHICH DO NOT CONTAIN THE "INVITATION TO BID" AND THE SIGNED/NOTARIZED "AFFIDAVIT FOR FILING WITH COMPETITIVE BID", WILL BE INVALID AND REJECTED.

**BID SPECIFICATIONS FOR
BRUSH TRUCK BED AND APPARATUS FOR
BUTLER FIRE DEPARTMENT
Custer County, Oklahoma**

All aluminum bed mounted on cab/chassis.

Traverse passage behind cab with one-way access gates and non-skid standing surfaces.

Pump controls and valves mounted on top within access from passageway:

(6) Valves -Whip Line, 2 Booster Reels, 1-1/2" Attack Line, Bumper Spray and Tank Fill
500 Gallon Polypropylene Tank, Baffled, with Sight Glass and Wide vented fill neck and
vented overflow.

Hale HPX200 pump with 18hp Briggs Vanguard gas motor (*or equivalent*).

All Stainless Steel Plumbing, Front Bumper Spray Nozzles.

One Electric return Booster Reel with 200' x 3/4" Booster line.

One Electric return Booster Reel with 200' x 1/2" High Pressure line.

One 1" Whip line, One 1-1/2" output, & 2-1/2" Suction input.

Master electrical cutout, Six ground effect lights, Work lights in appropriate working areas.

Full emergency lighting and controls; (Whelen Justice LED Light Bar - *or equivalent*).

Whelen 295SLSA6 Siren with 100-Watt Speaker (*or equivalent*).

Dash installation for radio, siren, and electrical switches.

Backup alarm, Reflective Striping, Rear Pull Hooks and receiver hitch.

Heavy Duty Front Bumper Replacement.

Apparatus Body

The body will be approximately 96 inches wide and 139 inches long and shall be constructed totally of aluminum with broke and/or welded seams. Since the bed will be made totally from aluminum which provides excellent corrosion protection no painting will be required. The complete apparatus structure shall be free of sharp edges and exposed nuts and bolts that could cause injury. Construction should be as such to handle the rigors of off road wild land fire fighting.

The tank will be recessed within 2" of the chassis frame in order to provide the lowest possible center of gravity. The maximum height of water will be 35 inches from the top of the chassis frame.

The total weight of the body, pump/motor, tank full of water, three 250# firemen, hoses, hose reel, and all other accessories shall not exceed 95% of the Gross Vehicle Weight Rating nor shall the Gross Axle Weight Rating be exceeded on either axle of the chassis that it is attached to.

Tow hooks secured to the frame and capable of handling the weight of the apparatus shall be provided on both the front and rear. The rear bumper will also contain a receiver hitch.

Traverse Crosswalk

There will be a traverse crosswalk located directly behind the front headache rack. This crosswalk will be 20" minimum width with passageway to either side of the apparatus. The walkway will provide protection all around the fire fighters, with safety of the fire fighters being paramount in the design process.

The traverse crosswalk will have inward swinging self-closing safety gates on each exit with positive stops that prevent outward swinging. Minimum height of the doors shall be 48" from the crosswalk floor.

The crosswalk shall be equipped with all control valves and all pump controls. One 1" whip line made from forestry hose shall be installed for use in the traverse crosswalk, and be long enough to use on either side of the apparatus and beside the apparatus when dismantled. A TFT DQS40P Pistol grip nozzle (*or equivalent*) will be provided with the hose. A nozzle holder will be provided to store the nozzle.

The traverse crosswalk shall have Grip Strut safety grating and the floor shall be protected from flame-up from the ground. The floor grating shall be removable thus allowing clean-out.

Headache Rack

The headache rack shall be a minimum width of 80" and shall be fabricated from 2" square tubing, by using four continuous smooth bend corners thus creating an outside frame which houses the rear window. The rear window will be protected by a series of vertical bars that are spaced to provide protection but yet do not impede visibility to the rear.

Emergency Light Bar Mount

An emergency light bar mount will be provided on the headache rack but still provide ample clearance from the platform to the top of the cab. The light bar mount will extend high enough to provide complete 360 degree visibility of the light bar.

Handrails

Directly below the light bar mount will be a handrail that extends from one side of the headache rack to the other.

Electrical Panel

An electrical enclosure with a removable panel will be provided within the headache rack that will contain all the additional electrical circuitry that is used on the apparatus body. This enclosure shall be designed for easy access from the traverse crosswalk and so that water cannot gain access to the electrical components.

Mud Flaps

Mud flaps will be mounted behind each rear wheel with supports to keep them from blowing up when traveling at high speeds and from keeping them from getting into the exhaust pipe. Mud flaps will also be installed on the front fenders.

Side Compartments

On each side of the apparatus towards the front will be a compartment approximately 30 inches long x 30 inches tall x 22 inches deep providing approximately 11.5 cubic feet of storage space each. Each compartment will have roll up doors. Behind each of these compartments will be a smaller compartment approximately 48" long x 18" tall x 16" deep. Each compartment will have one swing down door. The floors will be covered with turtle tile style covering.

Filler Hose Storage

Behind the rear wheel on the passenger side will be a compartment made from expanded aluminum that will hold up to 25' of 2-1/2" collapsible hose.

Heavy Duty Front Bumper

A heavy duty front bumper replacement and grille guard will be installed on the front of the vehicle.

Nerf Bars

Nerf Bars will be installed on the cab to provide easier access.

Pump/Motor

The pump shall be a Hale HPX2PO B 18 pump with a Briggs and Stratton 18 Horsepower Vanguard overhead valve engine with the following options: *(or equivalent)*

- 2-1/2" suction inlet
- 2-1/2" discharge fitting
- Exhaust venturi priming system
- Electric start with rope backup

The following items will be located on the pump panel near the crosswalk:

- Throttle Control
- Choke
- Low oil pressure light
- Discharge pressure gage

The fuel supply will come from the trucks main tank.

The suction of the pump shall be located as low as possible to provide positive head for the suction.

A 1/4" full time bypass line will be provided to prevent pump overheating.

Water Tank

The water tank will be a 500 Gallon polypropylene tank. The water tank will be recessed into the bed to provide the lowest possible center of gravity for the apparatus. The tank will have baffles that form approximately 2 foot square sections within the tank. A fill tower of approximately 8" x 8" x 8" with removable screen shall be located on the front passenger corner.

A sump with 3" suction will be built into the tank. A sight glass will be provided to confirm the level of the water.

A 1.5" refill fitting shall be supplied in order to fill the tank by drafting with the pump.

Pump Panel and Plumbing

The pump panel will contain all the pump controls, Start/Stop Switch, Idle control, Choke, Oil Pressure Light, Pump inlet pressure gage, and Pump outlet pressure gage. The pump panel will be tilted to provide a more direct view of all operations. Two lights with 1141 bulbs will illuminate the pump panel. The pump panel will be hinged to provide access to the valves and foam unit if supplied.

All plumbing will be stainless steel pipe or high-pressure hose with stainless steel ends. All discharges will originate from a manifold made from 2-1/2" stainless pipe.

All pressure valves shall be swing out apparatus style quarter turn. All the valves shall be 1-1/2" full flow in order to maintain interchangeability between valves. Each valve handle will have a black knob and will be legibly marked and color coded. The pump panel shall contain a minimum of 5 control valves: One 1-1/2" pre-connect for cross lay, One Booster Reel, One bumper spray control valve, One tank fill and One 1" Whip line. All the valves will be clearly marked, labeled, and color coded for application and open or close status.

The suction line on the pump shall contain two swing out apparatus style quarter turn 2-1/2" valves, with one between the pump and the tank and the other outboard of the pump to accommodate either hydrant fill or drafting. The hydrant side of the pump shall be fitted with a 2-1/2" Swivel Female Fire Hose connector and chained plug.

Hose Reel

The booster hose reel shall be all aluminum and have electric rewind and roller guides. The electric rewind shall be controlled by a solenoid with a button located near the reel. 200' of 3/4" 800 psi booster hose shall be supplied with the reel. A TFT DQS40P Pistol grip nozzle (*or equivalent*) will be provided with the hose. A nozzle holder will be provided to store the nozzle.

High Pressure Hose Reel

The high pressure hose reel shall be steel and have electric rewind and roller guides. The electric rewind shall be controlled by a solenoid with a button located near the reel. 200' of 1/2" high pressure hose shall be supplied with the reel. A wand and nozzle will be provided with the hose.

Front Bumper Spray Nozzles

Front bumper spray nozzles will be supplied with electronic controls in both the cab and the pump panel. The electronic controls will control the driver and passenger sides independently. LED lights will indicate when the nozzles are turned on. An additional valve will be installed in the pump panel to prevent pressurizing the line to the spray nozzles when not needed. The spray nozzles will be sized for approximately 10 GPM and will be controlled by motorized ball valves.

Foam System

A Blizzard Wizard foam system (*or equivalent*) will be installed to provide foam to all discharges. A fifteen gallon foam tank will be constructed inside of the water tank so that a separate foam container will not be obstructing the bed area of the apparatus.

Water Level Indicator

A FRC Products LED light water level gage (*or equivalent*) will be installed in the pump panel and an auxiliary LED light gage will be installed in the cab to monitor the water level in the tank.

Truck Lighting

All truck lighting will meet DOT standards and be LED type. There will be a minimum of 5 red clearance lights on the rear of the truck (3 in the center and one on each corner), one red clearance light on each side rear corner, and one yellow clearance light on each side front corner. The rear will also contain a minimum of two red Stop/Turn/Taillights, two clear reverse lights, and a tag light.

All lighting and wiring will be completely enclosed in order to prevent being to loose by brush or weeds. All wiring connections are to be soldered and covered with shrink wrap.

Emergency Electrical and Lighting

A master cutout solenoid controlled by the truck ignition switch will shut off power to all electrical equipment that wasn't furnished originally on the cab chassis. Breakers will be used to protect all emergency electrical equipment. Relays will be used to control all electrical equipment that has more than a 10-amp rating. Electrical switches located in the cab within easy access of the driver and passenger shall be used to control all electrical components. All wiring will be color coded and clearly marked. Wiring schematics will be supplied with the apparatus.

Six (6) Ground effect lights shall be installed with two underneath the cab, two in front and two in the rear of each side of the bed illuminating the ground around the apparatus. Work lights will be installed in the traverse crosswalk area, the pump panel area, the pump area, and in any other working area that is not illuminated otherwise.

A Whelen Justice Series Super LED Lightbar (*or equivalent*) with 4 front, 4 rear, and 4 corner modules shall be installed on the mount located on the headache rack. Colors shall be red and blue. Two take down lights will be installed in the front and alley lights will be installed in each end.

Eight (8) Flashing Red LED strobe lights will be installed as follows: Two (2) at the front of the apparatus mounted on the grill guard, two (2) on the sides of the front fenders, two (2) on each side of the apparatus towards the rear and two (2) on the rear.

A Whelen 295SLSA6 Siren (*or equivalent*) with three position slide and 6 push button switches that controls all emergency lights will be located in a Jotto Desk console (*or equivalent*) installed in the dash. A customer-supplied radio will also be mounted in the desk console. A Whelen 100 Watt Speaker (*or equivalent*) will be installed behind the grille.

A back-up alarm will be provided.

Headlight Flashers

An Able 203. W3126 Alternating Headlight flasher (*or equivalent*) will be installed on the headlights.

Reflective Striping

A 4 inch white reflective tape shall be applied to the side of the apparatus bed as well as the side of the chassis.

**VENDORS STATEMENT
(EQUIPMENT PROPOSED COMPLIES):**

YES _____ NO _____

LIST ALL EXCEPTIONS:

SIGNATURE & TITLE OF BID PREPARER

_____ **DATE** _____

Vendor Name

Vender Phone Number

Vendor Address

Vendor Fax Number

Vendor E-mail Address

Send invoice to Custer County, P.O. Box 300, Arapaho, Oklahoma 73620.

Request for Taxpayer Identification Number and Certification

**Give Form to the
requester. Do not
send to the IRS.**

Print or type See Specific Instructions on page 2.	Name (as shown on your income tax return)	
	Business name/disregarded entity name, if different from above	
	Check appropriate box for federal tax classification: <input type="checkbox"/> Individual/sole proprietor <input type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____ <input type="checkbox"/> Other (see instructions) ▶ _____	
	<input type="checkbox"/> Exempt payee	
	Address (number, street, and apt. or suite no.)	Requester's name and address (optional)
City, state, and ZIP code		
List account number(s) here (optional)		

Part I Taxpayer Identification Number (TIN)																												
Enter your TIN in the appropriate box. The TIN provided must match the name given on the "Name" line to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see <i>How to get a TIN</i> on page 3.																												
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Part II Certification
Under penalties of perjury, I certify that:
1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and 2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and 3. I am a U.S. citizen or other U.S. person (defined below).
Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions on page 4.

Sign Here	Signature of U.S. person ▶	Date ▶
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.