

PAYNE COUNTY  
BOARD OF COUNTY COMMISSIONERS  
STILLWATER, OKLAHOMA

**"NOTICE TO BIDDERS"**

Notice is hereby given that the Payne County Board of Commissioners State of Oklahoma, will receive sealed bids for the following:

**BID # 2023-22  
AIR CASCADE FILL SYSTEM**

Bid documents may be picked up at the **Payne County Clerk's Office at 315 W. 6<sup>th</sup>, Suite 202, Payne County Administration Building, Stillwater, Oklahoma**, or you can request that the Bid Documents be E-mailed to you, call **405-747-8348** to request that they be mailed or E-mailed.

Bids should be mailed or hand delivered to the **Payne County Clerk, 315 W. 6th, Suite 202, Stillwater, OK. 74074**, Bids must be filed with the Payne County Clerk on or before **9:30 A.M. on OCTOBER 28, 2022**. Bids must be sealed and clearly marked:

**BID # 2023-22  
FOR  
AIR CASCADE FILL SYSTEM  
OPENING: OCTOBER 28, 2022 @ 9:30 A.M.  
INGALLS FIRE DEPARTMENT, CO-CAPTAIN, ROBERT FORD, (918) 225-8853**

The Board of County Commissioners, or their appointed representative, will evaluate all bids, and reserves the right to reject any or all bids, and reserves the right to waive any of the listed specifications. The Board of County Commissioners reserves the right to accept the bid determined to best serve the needs of Payne County.

Payne County hereby notifies all bidders that it will affirmatively ensure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, sex or national origin in consideration for an award.

**KYLA MCCOMBS  
PURCHASING AGENT**



Office of  
**GLENNA CRAIG**  
Payne County Clerk

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**BID # 2023-22**  
**AIR CASCADE FILL SYSTEM**  
**INGALLS FIRE DEPARTMENT, ROBERT FORD**

Vendor and or company representative,

Included in this correspondence you will find information regarding bid specifications, packet information, and instructions per the Payne County Commissioners who are requesting your company submit a bid for the enclosed project or materials.

***The enclosed packet has been developed and approved by the Payne County Commissioners, the content of the packet is per their instruction.*** The Payne County Clerk's office is the facilitator of the bid process and is required to receive and hold all sealed bids per Oklahoma State Statutes to present to the Board of Commissioners in an open session.

If you have any questions, in regards, to the pack content, specifications, and instructions please contact the following:

**ROBERT FORD, CO-CAPTAIN, INGALLS FIRE DEPARTMENT- 918-225-8853**

We appreciate your bid and time, in regards, to the process. We look forward to hearing from you.

Kind Regards,

Glenna Craig, Payne County Clerk  
State of Oklahoma

All bids can be mailed or emailed to vendors upon request, or can be downloaded for completion from our website:

[www.countyclerk.paynecounty.org](http://www.countyclerk.paynecounty.org)

CONTACT KYLA MCCOMBS-PAYNE COUNTY PURCHASING AGENT FOR EMAIL OR MAILED BIDS AT:  
[kmccombs@paynecountyclerk.org](mailto:kmccombs@paynecountyclerk.org)

ALL BIDS MUST BE SUBMITTED BACK TO THE PAYNE COUNTY CLERKS OFFICE BY MAIL, OR IN PERSON SEALED BEFORE 9:30 THE DATE OF BID OPENING.



Office of  
**GLENNA CRAIG**  
Payne County Clerk

**INVITATION TO BID**

The Board of County Commissioners, Payne County, Oklahoma is seeking sealed bids for:  
**BID # 2023-22**  
**AIR CASCADE FILL SYSTEM**

**BID # 2023-22**

**Date Published: OCTOBER 13, 2022**

**Bidding Period Closing Date and Hour: OCTOBER 28, 2022 @ 9:30 A.M.**

**Sealed Bid Opening Date and Hour: OCTOBER 28, 2022 @ 9:30 A.M.**

**Location: "The Gloria Hesser Commissioners Meeting Room" Room 200, Payne County Administration Building.**

**Address: 315 W. 6<sup>th</sup>, Ste. 202, Stillwater, OK. 74074**

**Requesting Authority: INGALLS FIRE DEPARTMENT**

**INGALLS FIRE DEPARTMENT, CO-CAPTAIN, ROBERT FORD**

**PHONE: 918-225-8853**

**Bid submissions are to be addressed to:**

**ATTN: Payne County Purchasing Agent  
Payne County Clerk's Office  
315 W. 6<sup>th</sup>, Suite 202  
Stillwater, OK 74074**

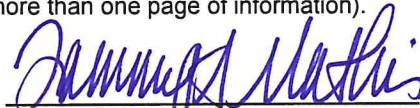
Please review the attached Terms and Conditions pertaining to the submission of this bid.

Please pay particular attention to item (1) of the Terms and Conditions. This item specifies how the bid envelopes are to be identified to prevent inadvertent or premature opening of sealed bids. Your compliance will ensure consideration of your bid by the awarding body. Late bids will not be considered.

The Non-Collusions Affidavit bearing original signature must be notarized and returned with the bid submission.

This packet contains:

1. Invitation to Bid
2. Terms and Conditions for Bidding
3. Affidavit for Filing with Competitive Bid
4. Specifications/Bid forms for desired item(s) (may be more than one page of information).

  
**Glenna Craig, Payne County Clerk  
State of Oklahoma  
315 W. 6<sup>th</sup>, Suite 202  
Stillwater, OK 74074**





Office of  
**GLENNA CRAIG**  
Payne County Clerk

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**TERMS AND CONDITIONS**  
**THESE ITEMS APPLY TO AND BECOME A PART OF THE BID**  
**NO EXCEPTIONS TO THESE TERMS AND CONDITIONS WILL BE CONSIDERED**

1. Bids must be submitted on the included form only. Each bid shall be placed in a separate envelope. Be sure the envelope is completely and properly identified and sealed, showing the bid name and number in the lower left-hand corner.
2. All bids shall be entered on the Bid Form enclosed or a copy thereof. Bids are to be typewritten or in ink. No bidder may withdraw his proposal for a period of thirty (30) days after the date and hour set for the opening of bids.
3. The bidder shall attach the manufacturer's name of the equipment or material to be furnished, type model numbers descriptive bulletins and specifications. All guarantees and warranties should be clearly stated. This data shall be sufficient detail to describe accurately the equipment or material to be furnished. Manufacturer's specifications, in respect to the successful bidder, shall be considered as part of the contract with Payne County.
4. Any exceptions or deviations from written specifications shall be identified in writing and attached to the bid form.
5. The enclosed affidavit for Filing with Competitive Bid **MUST** be returned with the bid.
6. Payne County reserves the right to reject any and all bids and to waive any technicalities in the bidding.
7. Direct purchase of certain items of equipment or material by Payne County is exempt from Federal Excise Tax and Oklahoma Sales Tax. In such cases, the bidder shall quote prices which do not include Federal Excise Tax and Oklahoma Sales Tax.
8. Bid must show number of days required for delivery under normal conditions. Contractor must keep the County advised at all times of the status of the order. For any exception to the delivery date as specified on this order, vendor shall give prior notification and obtain written approval from the Purchasing Agent. Default in promised delivery date or failure to meet specifications, authorizes the County to purchase supplies elsewhere and charge the full increase of cost and handling to defaulting contractor.
9. Bidder agrees to defend and save Payne County from and against all demands, claims costs expense, damage and judgments based upon infringement of any patent to goods specified in this order or the ordinary use or operation of such goods by the County or use or operation of such goods in accordance with the bidder's direction.
10. If the bid requires a written contract, the successful bidders shall execute a written contract with the county within (10) days after submission of the contracts to said bidder.
11. This bid is submitted as a legal offer, and any bid when accepted by the County constitutes a firm contract.
12. **If the bid is \$50,000.00 or greater, Bidder must furnish a bid bond or cashier's check in the amount of 5% of the bid with bid submission.**
13. **If the bid is \$50,000.00 or greater, successful Bidder must be able to bond. (Performance, Maintenance and Payment Bonds)**
14. Successful bidder will be required to furnish their own Workmen's Comp and General Liability Insurance as required by Oklahoma State Law and by Payne County.



Office of  
**GLENNA CRAIG**  
Payne County Clerk

S.A.&I. 425/1-4040 (2000)

**AFFIDAVIT FOR FILING WITH COMPETITIVE BID**

STATE OF OKLAHOMA )

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COUNTY OF \_\_\_\_\_)

\_\_\_\_\_, of lawful age, being first duly sworn, on oath says, that (s)he is the agent authorized by the bidder to submit the attached 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 county 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 county official concerning exchange of money or other thing of value for special consideration in the letting of a contract.

Firm: \_\_\_\_\_

Signed by: \_\_\_\_\_  
(manual signature of undersigned)

Title: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_

Zip: \_\_\_\_\_ Tax ID: \_\_\_\_\_

Telephone (\_\_\_\_) \_\_\_\_\_ Fax (\_\_\_\_) \_\_\_\_\_

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

\_\_\_\_\_ Notary Public (or Clerk or Judge)

My commission expires: \_\_\_\_\_

*Note:*

*Each competitive bid submitted to a county, school district or municipality must be accompanied with the above Affidavit as required by 61 Okl.St. Ann. § 138*

# Air Cascade Fill System

The Commissioners of Payne County and Ingalls Fire Department will be receiving bids on a new and complete ready to use air cascade fill system.

## GENERAL SPECIFICATIONS

It shall be the intent of these specifications to cover the furnishings and delivery of a complete air cascade fill system equipped as hereinafter specified. These specifications cover only the general requirements as to the type of construction and test to which the air cascade fill system shall conform, together with certain details as to 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 manufacture, who shall be solely responsible for the design and construction of all features.

These specifications shall be constructed as the minimum standards acceptable.

Bidders shall, on each item, indicate confirmation to specifications or list (E) exception. Exceptions shall be allowed if they are equal to or superior to that specified and provided, they are listed and fully explained on a separate page.

Where brand names are mentioned and the term "or approved equal" is stated, they shall apply. Where the term "preferred" is listed to give direction but are not limiting the bidder from listing exceptions to these statements.

### **Proposals taking total exceptions shall not be accepted.**

The request for substitutions shall contain adequate supporting technical data and samples, if required, to clearly delineate the performance and quality of the materials.

All exceptions shall be stated no matter how seemingly minor. Any exceptions not taken shall be assumed by the purchaser (buyer) to be included in the proposal, regardless of the cost to the bidder.

Any questions related to the specifications shall be directed to

Robert Ford

C/O: Ingalls Fire

Stillwater, OK. 74074

Phone: (918)225-8853 (cell) (Evenings)

Email: [rlfire@hotmail.com](mailto:rlfire@hotmail.com)

The bidder's attention is directed to the fact that all applicable federal and state laws, county regulations, and the rules and regulations of all authorities having jurisdiction over the project being bid shall apply to the throughout, and they will be deemed to be included in the contract the same as through herein written out in full.



## **1. Compressor:**

**1.1** The compressor shall have a maximum working pressure of no less than 6000 PSI and a minimum charge rate of no less than 8 CFM. The compressor shall be air-cooled and oil lubricated, of a 3-stage reciprocating design. The crankshaft shall be supported at both ends by high performance ball or roller bearings. The final stage piston must be of a ringed design. Each cylinder shall be directly bathed with cooling air from the compressor's integrated cooling fan.

**1.2** An intercooler shall be present between each stage of the compressor and an aftercooler after the final stage of compression. A cool-down cycle shall not be required prior to stopping to compressor.

**1.3** Moisture separators shall be present after each stage of compression with the exception of the first compression stage. The compressor shall be equipped with an automatic condensate drain system. The automatic drain system shall drain the accumulated moisture from each moisture separator at a preset interval specified by the manufacturer. An exhaust muffler and condensate reservoir shall be supplied for the automatic drain system.

**1.4** The compressor shall be oil lubricated and have a crankcase oil capacity of no less than 2 quarts. A highly visible sight glass shall be included to check the oil level.

**1.5** The compressor shall include a replaceable inlet particulate filter element.

## 1.6

- A. The compressor shall be powered by a single phase electric motor with a minimum rating of 7.5 HP.
- B. The compressor block and electric motor shall be vibration isolated from the compressor's frame.
- C. Power from the motor shall be transmitted to the compressor by means of a v-belt drive system.
- D. Compressor and motor shall be mounted in a vertical configuration.

## 1.7 The compressor shall be equipped with the following controls:

- A. Magnetic contactor with thermal overload
- B. Push button start / stop switches
- C. Pressure stop switch
- D. electronic carbon monoxide monitor

## 1.8 The compressor shall be equipped with the following gauges / indicators:

- A. Liquid filled pressure gauge after each stage of compression
- B. Non-resettable hour meter
- C. Digital carbon monoxide level display

## 1.9 The compressor shall be equipped with a purification system that will provide CGA Grade E breathing air. The purification system must have a working pressure of 6000 PSI. The system shall feature a replaceable filter cartridge that is capable of filtering 24,000 Cu Ft of air @ 80° F before requiring replacement. A back-pressure regulator shall be installed downstream of the purification system to maintain positive pressure in the purification housing.

## 1.10 The compressor shall be installed in an enclosed sound suppressing cabinet. Cabinet with have lift off panels for ease of accessing the compressor and components for service and/or maintenance.



**2.** Cabinet will include labels designating the function of all mounted gauges and controls.

**2.1** Cabinet will be mounted on adjustable rubberized feet.

**2.2** Cabinet shall have a foot print no greater than 36" by 24".

### **3. Containment Fill Station**

#### **Specification for containment fill station with control panel.**

**3.1** The fill station shall be designed for a maximum input pressure of 6000 PSI. The fill station shall be constructed of 1/4" steel plate and steel tube fill pockets. Fill station shall be finished with a highly durable powder coat.

**3.2** The fill station shall fully enclose two SCBA or SCUBA cylinders while being filled. Venting shall be provided to allow air from a ruptured cylinder to escape the fill station while being directed away from the fill station operator.

**3.3** The fill station door shall utilize gas shocks to allow opening and closing with minimal operator effort. A safety interlock shall be provided that will prevent refilling of cylinders unless the fill station door is securely closed and latched. The latching mechanism shall provide the user with optional manual lockout capabilities.

**3.4** Two fill hoses shall be located within the fill station. Each hose shall have a bleed valve and a fill adapter of the buyer's choice.

**3.5** The fill station shall be tested and certified to at least 5700 PSI burst pressure by an independent third party. The fill station shall meet and exceed the standards and requirements set forth by NFPA 1901- 2016.

### **4. Control Panel**

The fill station shall be equipped with a cascade control panel that provides the following standard features:

- a) 4 Cascade bank controls valves
- b) Dual High Pressure Aluminum Manifolds
- c) 4 Cascade bank pressure gauges 2 1/2" liquid filled
- d) Adjustable fill pressure regulator
- e) Pressure regulator input and output gauges 2 1/2" liquid filled
- f) 2-cylinder fill valves
- g) 2 Fill pressure gauges 2 1/2" liquid filled
- h) 1 auxiliary fill valve

### **5. Freight Charges**

**6. Installation and Setup**

**7. Training ( In House).**

**BID #2023-22  
AIR CASCADE FILL SYSTEM  
INGALLS FIRE DEPARTMENT**

**AIR CASCADE FILL SYSTEM**

**COMPRESSOR: \$ \_\_\_\_\_**

**CABINET: \$ \_\_\_\_\_**

**CONTAINMENT FILL STATION: \$ \_\_\_\_\_**

**CONTROL PANEL: \$ \_\_\_\_\_**

**FREIGHT: \$ \_\_\_\_\_**

**INSTALLATION/SETUP: \$ \_\_\_\_\_**

**TRAINING (IN HOUSE): \$ \_\_\_\_\_**

**TOTAL: \$ \_\_\_\_\_**

**Name of Company: \_\_\_\_\_**

**Attention: \_\_\_\_\_**

**Address: \_\_\_\_\_**

**City and State: \_\_\_\_\_**

**Phone Number: \_\_\_\_\_**