



# Bid Packet # 2018-04-16

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CEILOMETER FOR AN AUTOMATED WEATHER OBSERVING  
SYSTEM (AWOS)

Angel Koder  
PURCHASING SPECIALIT | 200 N. MAIN ST. BENTON, AR 72015

# **Bid Document – Ceilometer for an Automated Weather Observing System (AWOS) Bid Number 2018-04-16**

## **BID OPENING LOCATION:**

Saline County Courthouse  
200 N. Main Street, Suite 116  
Benton, AR 72015

## **MAIL BID TO OR DELIVER TO:**

Saline County Courthouse  
200 N. Main Street, Suite 116  
Benton, AR 72015

**Bid Opening Date: April 16, 2018**

**Time: 10:00 A.M.**

Invitation to Bid for Equipment and Installation of a ceilometer on the existing AWOS system at the Saline County Regional Airport. The Airport has an existing All Weather Inc. AWOS II/AV which shall be upgraded by the addition of an All Weather Inc. Laser Ceilometer 8339. The project bid will include equipment purchase, installation, calibration, certification and FAA recommissioning of the AWOS site. Sealed bids must be in the office of the Saline County Purchasing Specialist, no later than April 16, 2018 at 10:00 a.m., at which time all bids will be opened and read aloud.

Bidding documents may be obtained from Saline County Courthouse, 200 N. Main Street, Suite 116, Benton, AR 72015 during regular business hours, 8:00 a.m. – 4:30 p.m., Monday – Friday.

Successful bidders will receive a purchase order within 30 to 45 days after Airport Commission approval, if necessary.

## **Instruction to Bidders:**

To be considered responsive, Bids must be made in accordance with the following instructions:

### **1. RECEIPT AND OPENING OF BIDS:**

Saline County (hereinafter called the "Owner") invites Bids on the Bid Form attached hereto, all blanks must be appropriately filled in. Bids will be received by the Saline County Purchasing Specialist, Suite 116, Saline County Courthouse, 200 North Main Street, Benton, Arkansas, until 10:00 a.m. April 16, 2018.

The Owner may consider informal any Bid not prepared and submitted in accordance with the provisions hereof and may waive any irregularities or reject any or all Bids. Bids received prior to the time of opening will be kept unopened. *Any Bid received after the time and date specified will not be considered.* No responsibility will be assumed by any person for the premature opening of a Bid not properly addressed and identified, such bids will be rejected.

### **2. PREPARATION OF BID:**

Use Bid Form found herein. Bid prices are to be filled in ink or typewritten. The signature of the individual authorized to bind the Bidder shall be in longhand. Each bid must be submitted in a sealed envelope bearing on the outside the name of Bidder, address, and Bid Number for which bid is submitted, clearly written, and "**BID ENCLOSED**" noted on the envelope.

### 3. **CONDITIONS OF WORK:**

Before submitting a Bid, Bidders shall carefully examine the General Conditions of the Contract, the Specifications under the Contract, visit the site(s) of the work, fully inform themselves as to all existing conditions and limitations, and shall include in the Bid the sums to cover the cost of **all items** included in the Contract.

Insofar as possible the Contractor, in carrying out his work, must employ such methods or means as will not cause any interruption of, or interference with others. The bidder needs to include an anticipated delivery date (if applicable).

### 4. **LAWS AND REGULATIONS:**

The Bidder's attention is directed to the fact that all applicable State laws, county ordinances, and rules and regulations of all authorities have jurisdiction over construction of the project and shall apply to the Contract throughout and will be deemed to be included in the Contract the same as though written out in full.

### 5. **OTHER:**

It shall be understood by submission of Bid that Bidder agrees to the General Conditions as herein specified and if Bid is found to be acceptable to Saline County, the Bid Document will serve as a Contract Agreement with Saline County.

Bid prices shall remain in effect for a period of (1) year. The term of the Contract shall be from the date of the award and will run for one year from that date.

## **BID SCHEDULE:**

BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for the below unit prices.

TAXES: Saline County is NOT exempt from Arkansas State Sales and Use Taxes, or local option city/county sales taxes, when applicable, and bidders are RESPONSIBLE to the State Revenue Department for such taxes. ALL APPLICABLE TAXES SHALL BE INCLUDED IN THE BID. The total sales & use tax rate in the City of Benton is 9.0%.

Administrative Point of Contact: Angel Koder, Saline County Purchasing Specialist-  
[angel.koder@salinecounty.org](mailto:angel.koder@salinecounty.org)

Technical Point of Contact: Dane Pruitt, Saline County Airport Manager –  
[airport@salinecounty.org](mailto:airport@salinecounty.org)

## SPECIFICATIONS

Parameter	Specification
Measurement Range	12,500 or 25,000 ft. (selectable)
Resolution	12.5 ft
Accuracy	±20 ft
Cloud Layers	Up to 4, base and depth
Measurement Cycle	Configurable to 30, 60, or 120 second sampling per reporting interval; can be set to 180 seconds when no clouds detected
Operating Temp.	-40°C to +60°C
Storage Temp.	-50°C to +70°C
Relative Humidity	0–100%, condensing
<b>Laser</b>	
LIDAR	InGaAs, pulsed diode
Wavelength	905 ± 10 nm
Pulse Width	50 ns
Collector Type	Si avalanche photodiode, variable gain, temp compensated
Optics	Side-by-side optical channels
Laser Safety	FDA Class I, 21 CFR1040
<b>Power Requirements</b>	
Power Supply	95–240 V AC, 47–64 Hz, 100 W
<b>Mechanical</b>	
Enclosure	NEMA 4X stainless steel
Mounting	Single-leg pedestal; 2.5" pipe, unistrut mounted

## DIMENSIONS & WEIGHTS

Dimensions (Ceilometer)	9" x 16" x 19" (230 x 410 x 480 mm)
Dimensions (Ceilometer & heater/blower)	16" x 20" x 27" (410 x 510 x 690 mm)
Ceilometer Weight	43 lbs (19.5 kg)
Heater/Blower Weight	18 lbs (8 kg)
Shipping Dimensions	26" x 24" x 15" (660 x 610 x 381 mm)
Shipping Weight	60 lbs. (27.22 kg)

TOTAL AMOUNT OF BID: \$ \_\_\_\_\_

Company Name: \_\_\_\_\_

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

State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ Cell: \_\_\_\_\_

E-mail: \_\_\_\_\_ Person submitting bid (print): \_\_\_\_\_

\*\*\*\*\*Signature: \_\_\_\_\_\*\*\*\*\*

## **GENERAL CONDITIONS:**

### PLEASE READ CAREFULLY

1. When submitting an "Invitation to Bid", the bidder warrants that the commodities covered by the bid shall be free from defects in material and workmanship under normal use and service. In addition, bidder must deliver new commodities of the latest design and model, unless otherwise specified in the "Invitation to Bid".
2. When bidding other than the brand and/or model specified in the "Invitation to Bid", the brand and/or model must be listed and descriptive literature attached to bid document.
3. Specifications furnished with this "Invitation to Bid" are intended to establish a desired quality or performance level, or other minimum dimensions and capacities, which will provide the best product available at the lowest possible price. Other than designated brands and/or models approved as equal to designated products shall receive equal consideration.
4. Samples of items when required, must be furnished free and, if not called for within 30 days from the date of the bid opening, will become the property of the Owner.
5. Prices quoted shall be "Free on Board" (F.O.B.) to destination at designated facility within Saline County. Charges may not be added after the bid is opened.
6. In the event a contract is entered into pursuant to the "Invitation to Bid", the bidder shall not discriminate against any qualified employee or applicant for employment because of race, sex, color, creed, national origin or ancestry. The bidder must include in any and all subcontracts, a provision similar to above.

7. All line items must be filled out or the bid will be opened, identified and declared a non-responsive bid.

8. Quality, time and probability of performance may be factors in making an award.

9. Guarantees and warranties should be submitted with the bid, as they may be a consideration in making an award.

10. Any ambiguity in any bid as the result of omission, error, lack of clarity or noncompliance by the bidder with specification, instructions and all conditions of bidding shall be construed in the light most favorable to the Owner.

11. All terms and conditions stated herein shall constitute a complete and integrated document and the covenants contained herein shall not be altered or modified by paroled evidence unless such modifying term, conditions or covenants are in writing and are signed by the vendor and the agent of Owner.

12. CONSTRUCTION:

A. When noted, the Contractor is to supply the Owner with evidence of having and maintaining proper and complete insurance, specifically Worker's Compensation in accordance with the laws of the State of Arkansas, public liability and property damage. All premiums and costs shall be paid by the Contractor. In no way will the Owner be responsible in case of accident.

B. Pursuant to Arkansas Code Annotated Section 22-9-203, a certified check or bid bond in the amount of 5% of the total bid shall accompany bid.

C. When noted, a performance bond equaling the total amount of any bid must be provided for any contract for the repair, alteration or erection of any public building, public structure or public improvement.

13. Liquidated damages, when noted, shall be assessed beginning on the first day following the maximum delivery or completion time entered on the bid form and/or provided for by the plans and specifications.

14. Whenever a bid is sought seeking a source of supply for a specified period of time for materials and/or services, the quantities of usage shown are estimated ONLY. No guarantee or warranty is given or implied by the participants as to the total amount that may or may not be purchased from any resulting contracts. These quantities are for the bidders' information ONLY and will be used for tabulation and presentation of the bid and the participant reserves the right to increase or decrease quantities as required. Bidder agrees to this condition upon the signing of this document.

15. Whenever a bid is sought for the making of major repairs or alterations, for the erection of buildings or other structures, or for making other permanent improvements and all estimated costs of the work exceed the sum of seventy-five thousand (\$75,000), Saline County encourages the participation of small, minority, and women's business enterprises.

16. Saline County Reserves the right to reject any and all bids, to accept in whole or in part, to accept bids on materials or equipment with variations from specifications in those cases where efficiency of operation will not be impaired and unless otherwise specified by the bidder, to accept any item in the bid. If unit prices and extensions thereof do not coincide, the bid will be considered non-responsive.