

**AMENDED**  
**INVITATION TO BID**  
**(PLEASE USE THE ENCLOSED BID SHEETS)**

**NOTICE IS HEREBY GIVEN** that the Board of County Commissioners of Custer County, Oklahoma will, on August 1, 2016 until the hour of 9:15 a.m. on said day, in their office in the Courthouse in Arapaho, Oklahoma, receive sealed bids for the following:

**Minimum Specifications For  
Custer County Fairgrounds Audio System  
Custer County, Oklahoma**

Specifications and information are on the file in the Custer County Clerk's Office, Room 104 in Arapaho, Oklahoma, and can also be found on Custer County's website, <http://www.custer.okcounties.org>.

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 (Invitation to Bid, Instructions, Minimum Specifications, Affidavit for Filing with Competitive Bid, Affidavit for Contracts and Payments, and W-9) 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 – Fairgrounds Audio System**  
**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 **9:15 o’clock a.m. on August 1, 2016**. Bids received after this time will be rejected and unopened. All bids will be opened at **9:15 o’clock a.m., August 1, 2016** 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> CUSTER COUNTY CLERK’S OFFICE P.O. BOX 300 ARAPAHO, OKLAHOMA 73620-0300	<i>(Physical)</i> CUSTER COUNTY CLERK’S OFFICE 675 WEST “B” STREET ARAPAHO, OKLAHOMA 73620
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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, Custer County Clerk, for a schedule for invoice submission in order to expedite payment processing.
10. If you have any questions regarding the bid specifications, or the bid deadlines, etc., please contact Karen Fry, Custer County Clerk or Debbie Bright, Purchasing Agent 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.**

# **MINIMUM SPECIFICATIONS FOR CUSTER COUNTY FAIRGROUNDS AUDIO SYSTEM CUSTER COUNTY, OKLAHOMA**

## **Overview:**

The system is made up of five areas:

1. Main Barn – Show area (Zone 1)
2. Hog Barn – (Zone 2)
3. Cattle Barn – (Zone 3)
4. Poultry Barn – (Zone 4)
5. Control Room – (Zone 5)

**ALL AREAS SHALL USE THE RECOMMENDED SPECIFICATIONS LISTED.**

## **ZONE 1 – MAIN BARN – SHOW AREA**

The area requires a full range sound system with speakers suspended from overhead. This area will be used for show ring announcement and music play back.

### MINIMUM SPEAKER REQUIREMENT:

Eight (8) full range loudspeakers from recommended specifications list.  
Speakers to be hung overhead from rated hardware.  
Speakers to be pointed in a way that minimizes reflection from walls and ceiling.  
Speakers to be powered by one commercial rated 70v power amplifier.

Audio inputs – one XLR audio input to be located in this area.  
All audio inputs will be installed in a weather rated housing and conduit.  
All inputs from this Zone will be routed via the digital mixer to serve all areas.

## **ZONE 2 – HOG BARN**

This area requires a full range sound system with speakers suspended from overhead. This area will be used primarily for announcements and background music. This area has a high residual noise floor when being used due to fans, clippers, etc.

### MINIMUM SPEAKER REQUIREMENT:

Nine (9) full range loudspeakers from recommended specifications list.  
Speakers to be hung overhead from rated hardware.  
Speakers to be pointed in a way that minimizes reflection from walls and ceiling.  
Speakers to be powered by one commercial rated 70v power amplifier.  
Speakers, amplification and wire must meet recommended specifications.

This area will have in-room volume control.  
Control must be selected from recommended control specifications.  
Quantities of control will be adjusted based on speaker selection.  
Volume control must be mounted on wall at 8 ft. AFF in weather rated enclosure.  
Weather rated enclosure, conduit and all other necessary hardware to be provided by Installer and included in this bid.

Audio inputs – one XLR audio input to be located in this area.  
All audio inputs will be installed in a weather rated housing and conduit.  
All conduit and hardware to be provided by Installer.  
The XLR audio input in this area will serve only this area.  
The signal will be routed in a way via the digital mixer that this microphone input will speak in this room only.

### **ZONE 3 – BEEF BARN**

This area requires a full range sound system with speakers suspended from overhead. This area will be used primarily for announcements and background music. This area has a high residual noise floor when being used due to fans, clippers, etc.

#### **MINIMUM SPEAKER REQUIREMENT:**

Twelve (12) full range loudspeakers from recommended specifications list.  
Speakers to be hung overhead from rated hardware.  
Speakers to be pointed in a way that minimizes reflection from walls and ceiling.  
Speakers to be powered by one commercial rated 70v power amplifier.

This area will have in-room volume control.  
Control must be selected from recommended control specifications.  
Quantities of volume control shall be based on speaker selection.  
Volume control must be mounted on wall at 8 ft. AFF in weather rated enclosure.  
Weather rated enclosure, conduit and all other necessary hardware to be provided by Installer.

Audio inputs – one XLR audio input to be located in this area.  
All audio inputs will be installed in a weather rated housing and conduit.  
All conduit and hardware to be provided by Installer.  
The XLR audio input in this area will serve only this area.  
The signal will be routed in a way via the digital mixer that this microphone input will speak in this room only.

### **ZONE 4 – POULTRY BARN**

This area requires a full range sound system with speakers suspended from overhead. This area will be used primarily for announcements and background music.

#### **MINIMUM SPEAKER REQUIREMENT:**

Four (4) full range loudspeakers from recommended specifications list.  
Speakers to be hung overhead from rated hardware.  
Speakers to be pointed in a way that minimizes reflection from walls and ceiling.  
Speakers to be powered by one commercial rated 70v power amplifier.

This area will have in-room volume control.  
Control must be selected from recommended control specifications.  
Quantities of volume control shall be based on speaker selection.  
Volume control must be mounted on wall at 8 ft. AFF in weather rated enclosure.  
Weather rated enclosure, conduit and all other necessary hardware to be provided by Installer.

Audio inputs – one XLR audio input to be located in this area.  
All audio inputs will be installed in a weather rated housing and conduit.  
All conduit and hardware to be provided by Installer.  
The XLR audio input in this area will serve only this area.  
The signal will be routed in a way via the digital mixer that this microphone input will speak in this room only.

### **ZONE 5 – MAIN CONTROL ROOM:**

This area shall provide the following:

#### **Main Equipment Rack:**

A 27-unit glass front with lockable door.

Rack will be located in the main control room and contain wireless microphone receivers, rack shelves for storage, microphones and cable storage, power conditioning and power sequencing system, mixer and amplifiers.

System Mixer:

A 16 channel digital mixer with a minimum of 16 preamp inputs and 6 aux outputs.

Microphones, Stands and Accessories:

The system will include one (1) wired microphone with switch; one (1) wireless hand-held microphone system (high quality, Frequency A or G3 Band preferred) and one (1) wireless headset microphone system (wireless body pack system, Frequency A or G3 Band preferred)(high quality head worn condenser microphone). Steel microphone stands, clips and cables will be provided with the system.

Power System:

A rack mounted power conditioner will be provided with system. System should provide surge suppression, power conditioning and sequencing as needed.

System Wiring Notes:

Mixer and power amplifier will be installed in rack.

All Speakers will be wired to this location.

Each of the first four Zones will have a minimum of one (1) XLR input. These XLR inputs will be wired direct into the digital sound mixer.

The incoming signals from Zone 2, Zone 3 and Zone 4 will be routed back to the speakers in the area it originated only. These Zones are located in different barn areas.

Wires from one barn to the next must be flown overhead on tensioned wire suspension system and maintain a minimum height of 14 feet.

All necessary hardware and machinery needed to suspend wires overhead will be provided by the Installer.

All wires will originate in the Control Room Area.

Total 12 awg speaker wire needed is estimated at approximately 7000 ft.

Total 2 conductor 22 awg shielded wire needed is estimated at approximately 5000 ft.

Total estimated distance of needed suspension system between Zone 1 and Zone 3 is less than 100 ft.

Total estimated distance of needed suspension system between Zone 1 and Zone 4 is less than 100 ft.

System Installation Notes:

Sound Contractor will install and test System.

Contractor will provide all tools and machinery necessary to complete the installation of the System. This will include scaffolding, Scissor Lifts, etc.

System functionality will be demonstrated for Custer County.

Contractor must provide up to two (2) one hour training sessions on site that demonstrates system operation.

System and work must be covered by a one (1) year warranty agreement unless otherwise stated in Recommended Specifications.

**Recommended Speaker specifications:**

Frequency Range (-10dB) 80Hz-20kHz, 200 w @70v, (recommended tap @>40W@70V) 113db.

Speakers must be outdoor rated.

Speakers must have factory certified mounting bracket.

Speakers must carry a two-year warranty.

**Recommended Power Amplifier specifications:**

70V Direct Drive EIA, 1% THD providing a minimum of 600w@70v continuous operation.

Signal to Noise (20 Hz-20KHz, 8Ω).

Amplifier must carry a two-year warranty.

**Recommended Speaker Wire specifications:**

Speaker wire is to be black 12 awg speaker wire.

Wire must meet these specifications – NEC Type CMR or CL2R, (UL)-C(UL) Listed, must meet 300V requirements as specified in the NEC, Flame Rating: UL1666.

Wire should be in conduit.

**Recommended Signal Wire specifications:**

Signal wire is to be 22/2 stranded bare copper conductors, shielded with an overall jacket.

Wire must meet these wire specifications – NEC RATING, CMR, NEC Article 800.

APPROVALS: (UL) C(UL) Listed or c(ETL) us Listed.

**Recommended Volume Control specifications:**

In wall volume control must meet or exceed 200w power handling capacity @70V.

Attenuation to be 3dB per step with two positions of 6dB prior to OFF.

Control must have stainless steel plate.

**CUSTER COUNTY REQUIRES ALL WORK FOR THIS PROJECT TO BE COMPLETED BY SEPTEMBER 6, 2016.**

**BREAKDOWN OF COSTS:**

<b>LABOR .....</b>	<b>\$ _____</b>
<b>MATERIALS .....</b>	<b>\$ _____</b>
<b>LOUDSPEAKERS (EACH) .....</b>	<b>\$ _____</b>
<b>MICROPHONES</b>	
<b>1 WIRED MICROPHONE .....</b>	<b>\$ _____</b>
<b>1 WIRELESS HAND-HELD MICROPHONE SYSTEM</b>	<b>\$ _____</b>
<b>1 WIRELESS HEADSET MICROPHONE SYSTEM ....</b>	<b>\$ _____</b>
<b>MICROPHONE STANDS (EACH) .....</b>	<b>\$ _____</b>
<b>POWER AMPLIFIER .....</b>	<b>\$ _____</b>
<b>SYSTEM MIXER .....</b>	<b>\$ _____</b>
<b>MAIN EQUIPMENT RACK .....</b>	<b>\$ _____</b>

**TOTAL BID .....\$ \_\_\_\_\_**

**THE BOARD OF COUNTY COMMISSIONERS RESERVES THE RIGHT TO REJECT ANY AND ALL BIDS.**







## Request for Taxpayer Identification Number and Certification

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

<b>Print or type See Specific Instructions on page 2.</b>	<b>1</b> Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.	
	<b>2</b> Business name/disregarded entity name, if different from above	
	<b>3</b> Check appropriate box for federal tax classification; check only <b>one</b> of the following seven boxes: <input type="checkbox"/> Individual/sole proprietor or single-member LLC <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) ▶ _____ <b>Note.</b> For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member owner. <input type="checkbox"/> Other (see instructions) ▶ _____	
	<b>4</b> Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i>	
	<b>5</b> Address (number, street, and apt. or suite no.)	Requester's name and address (optional)
	<b>6</b> City, state, and ZIP code	<b>Custer County</b> <b>PO Box 300</b> <b>Arapaho, OK 73620</b>
	<b>7</b> 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 line 1 to avoid backup withholding. For individuals, this is generally 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 *How to get a TIN* on page 3.

**Note.** If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

<b>Social security number</b>					
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; border: 1px solid black; height: 20px;"></td> <td style="width: 5%; text-align: center;">-</td> <td style="width: 25%; border: 1px solid black; height: 20px;"></td> <td style="width: 5%; text-align: center;">-</td> <td style="width: 40%; border: 1px solid black; height: 20px;"></td> </tr> </table>		-		-	
	-		-		
<b>or</b>					
<b>Employer identification number</b>					
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%; border: 1px solid black; height: 20px;"></td> <td style="width: 5%; text-align: center;">-</td> <td style="width: 75%; border: 1px solid black; height: 20px;"></td> </tr> </table>		-			
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**Part II Certification**

Under penalties of perjury, I certify that:

- 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
- 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
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

**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 3.

<b>Sign Here</b>	Signature of U.S. person ▶	Date ▶
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**General Instructions**

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

**Future developments.** Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at [www.irs.gov/fw9](http://www.irs.gov/fw9).

**Purpose of Form**

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following:

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)

- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

*If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding? on page 2.*

By signing the filled-out form, you:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- 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, and
- Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting?* on page 2 for further information.