

JESSAMINE COUNTY FISCAL COURT

BID DOCUMENTS FOR OUTDOOR WARNING SIREN SYSTEM

BID OPENING: JUNE 26, 2023 AT 11:00 AM

SEND BID PROPOSALS TO 101 NORTH MAIN STREET NICHOLASVILLE, KY 40356

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SECTION 1.0 - NOTICE TO BIDDERS

- 1.1 INTENT. It is the intent of the Jessamine County Fiscal Court (County) to enter into a contract with the successful bidder for the purchase and installation 15 operational Outdoor Warning Sirens.
- 1.2 SPECIFICATIONS. The specifications are based on mandatory performance requirements. The County has determined that electro-mechanical, Omnidirectional, NON-Rotating, maintenance-free sirens using continuous-duty motors and AC/DC battery backup constitutes the best product configuration available. Only siren systems meeting these specifications will meet the performance and reliability specifications the County requires. Siren monitoring software and weather monitoring / automatic siren activation software is also required. Further details on the siren and software requirements are outlined in Section 6 of these bid documents. Bids on equivalent items meeting the standards of quality, performance, and type thereby indicated will be considered, providing the bid clearly describes the article offered and indicates how it differs from the referenced Specifications. Descriptive literature or manufacturer's specifications or any supplemental information necessary for comparison purposes submitted with a previous bid or quotation or on file with Jessamine County Fiscal Court will not satisfy this requirement. Equipment meeting these performance specifications are widely available from different vendors, so a bidder's inability to meet these requirements will not constitute a restrictive bid.
- 1.3 QUESTIONS AND INQUIRIES. Questions and inquiries concerning this invitation to bid should be addressed to Jessamine County Fiscal Court telephone number (859-885-4500) fax number (859-885-2545) or Johnny Adams (859-887-2922).

SECTION 2.0 - INVITATION TO BID

- 2.1 Jessamine County Fiscal Court is soliciting sealed bids for the purchase and installation of 15 operational Outdoor Warning Sirens in accordance with the attached specifications and bid documents which are on file at Jessamine County Judge/Executive's Office, 101 North Main Street, Nicholasville, KY 40356 or at www.jessamineco.com.
- 2.2 BID OPENING. Bid Opening to be held on Monday, June 26, 2023 at 11:00 am at the Jessamine County Courthouse, 101 North Main Street, Nicholasville, KY 40356.

- 2.3 EXPIRATION PERIOD. No bid may be withdrawn for a period of thirty (30) days after the scheduled time for opening bids.
- 2.4 RIGHT TO REJECT OR WAIVE INFORMALITIES. Jessamine County Fiscal Court reserves the right to reject any and all bids and to waive any informality.

SECTION 3.0 - INSTRUCTIONS TO BIDDERS

- 3.1 SEALED BID. All bids must be submitted in separate sealed envelopes addressed to Jessamine County Judge/Executive's Office, David K. West, 101 North Main Street, Nicholasville, KY 40356 and marked "Bid Enclosed: Outdoor Warning Siren System."
- 3.2 EXPIRATION PERIOD. All bids shall remain in force for thirty (30) days after the date of bid opening and may be accepted or rejected by the Fiscal Court at any time prior to the expiration of this period.
- 3.3 CORRECTIONS. All corrections or erasures shall be initialed by the person signing the bid or by an authorized representative.
- 3.4 AMEND OR WITHDRAW. Bids may be amended or withdrawn by an authorized representative of the company or corporation submitting the bid up to the scheduled opening time. No bid may be amended or withdrawn thereafter regardless of the circumstances.
- 3.5 INSPECTION. The item bid will be inspected by a representative of Jessamine County Fiscal Court upon delivery to ascertain compliance with the specifications. An item not in compliance with specifications will be rejected until proper remedial measures are taken to assure compliance.
- 3.6 RIGHT TO ACCEPT OR REJECT. The Jessamine County Fiscal Court reserves the right to accept or reject any and all items covered in the request, or portion(s) thereof, waive formalities, re-advertise and /or take such other steps decreed necessary and in the best interest of Jessamine County Fiscal Court.
- 3.7 NO INCREASE. Jessamine County Fiscal Court is to be protected against any increase above the price in the bid until all material covered by this bid have been delivered and installed.
- 3.8 BID PRICE. All bids which do not contain a firm, stated price for the items required will not be considered.

- 3.9 NO ESCALATOR CLAUSE. Any bid containing an "Escalator Clause" will not be considered.
- 3.10 WARRANTY. The bidder shall assume full responsibility for warranty of all components of the equipment. A statement shall be attached with the bid setting out the conditions of the warranty. A copy of the manufacturer's standard warranty shall be furnished.
- 3.11 BID NOT SIGNED. Any bid not signed by an authorized representative will automatically be rejected.
- 3.12 CANCELLATION OF INVITATION TO BID. Jessamine County Fiscal Court reserves the right to cancel this bid invitation, without cause, prior to bid opening.
- 3.13 AWARD. An award shall be made or contract entered into with the lowest responsible bidder meeting the specifications. Jessamine County Fiscal Court reserves the right to determine the lowest responsible bidder on the basis of an individual item or group of items, whatever deemed necessary and in the best interests of the Fiscal Court.
- 3.14 TAXES. All prices quoted shall be exclusive of federal and state excise taxes, and sales and manufacturer's taxes.

SECTION 4.0 - NON-COLLUSIVE BIDDING CERTIFICATION

By submission of this bid, each Bidder, and each person signing on behalf of a Bidder certifies, and in the case of joint bid each party hereto certifies, as to its own organization, under penalty of perjury, that to the best of his or her knowledge and belief:

- 4.1 The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement for the purpose of restricting competition as to any matter relating to such prices with any other Bidder or with any competitor.
- 4.2 Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the Bidder and will not knowingly be disclosed by the Bidder prior to the opening, directly, to any other Bidder or to any competitor.

4.3	No attempt has been made or will be person, partnership, or corporation to of restricting competition.	<u>•</u>	•
4.4	I certify that neither I nor any repres party to, or participated in, any agree with respect to the project bid herein	ment or collusion in restra	
Signa	ture	Dated	
Print	Name		
, the that t	tinued. NON-COLLUSIVE BIDDING person who subscribed the above certithe statements hereinabove set forth a uthorized to execute said certification i	fication, do affirm under p re true in every respect a	nd that, if I am not
Signa	ture	Dated	
Printe	ed Name		
SWOI	RN to and subscribed before me this	day of	2023,
	My c	commission expires:	

Corporate Seal

Bidder shall insert below his official corporate seal or stamp to ensure originality of this document.

Affix Corporate Seal Here

Bid shall be considered void without corporate seal or stamp

SECTION 5.0 - General Requirements:

All bids must include assurances that the following provision will be complied with 100%.

- 5.1 Federal Labor standards provisions, US Department of Labor, 29 CRF 5;
- 5.2 Section 3 of the Housing and Urban Development Act of 1974, as amended' 12 U.S.C. 1701U, which requires that, to the greatest extent feasible, opportunities for training and employment be given to lower income residents of the project area and contracts for work in the substantial part by persons residing in the area of the project.
- 5.3 Section 109 of the Housing and Community Development Act of 1974, which assures that no person shall, on the grounds of race, color, natural origin, or sex, be excluded from participation in, be denied the benefits of or be subject to discrimination.
- 5.4 Certification of Non-Segregated Facilities, which assures the bidder does not maintain or provide any segregated facilities.
- 5.5 Equal Opportunity Provisions Executive Order 11246, as amended which assures non-discrimination:

- 5.6 Minority Business Enterprise and Women Business Enterprise provisions which encourage minority owned businesses and women owned businesses to bid on the project.
- 5.7 Assurances that surety companies executing bonds appear on the Treasury Department's list and are authorized to transact business in the state where the project is located.

SECTION 6.0 - Specifications

- 6.1 PURPOSE. This bid is for the purchase and installation of 15 operational Outdoor Warning Sirens with siren monitoring software and weather monitoring / siren activation software. The attached specifications are being provided to potential bidders as guidelines which describe the minimum type and quality of the equipment that Jessamine County Fiscal Court is seeking to purchase. The bidder must submit documentation with the bid listing any exceptions to the specifications. It will be assumed that the bidder will fully comply with the minimum specifications if no exceptions are submitted. Failure to comply with this provision shall be cause for rejection of the bid. Equipment meeting these performance specifications are widely available from different vendors, so a bidder's inability to meet these requirements will not constitute a restrictive bid.
 - 6.2 Each bidder will submit a map with their bid showing proposed siren locations and coverage (digital topographic overviews preferred) that reflect the best coverage for the municipal areas as well as the rural areas focusing on the following areas: Neighborhood Parks, Schools and Rural areas of high population or outdoor activity areas.
 - 6.3 Based on the Jessamine County Fiscal Court's research into the different types of commercially available outdoor warning sirens, it has been determined that Omni-Directional, (NON Rotating) sirens with continuous-duty motors, and radio control will best serve the Fiscal Court's needs. The siren must also feature battery backup. Sirens must be maintenance free; no annual maintenance or service plans will be required for continued operation. Bids deviating from this type should take specific exception and be clearly marked as such or risk disqualification.
 - 6.4 All bids will include "turn-key" installation. This is to include 45' class II utility poles on which the siren will be mounted; all necessary conduit, wire, connectors, etc.; an appropriate electrical disconnect, battery enclosure, batteries, charging circuits, chargers; all necessary labor to set the telephone poles, mount the sirens on poles, wiring, etc. All cabinets at each site will be lockable; any and all

miscellaneous parts and labor necessary to create a complete and working storm warning system.

- 6.5 The Jessamine County Fiscal Court will provide the siren sites checked for underground lines, etc. and 230 VAC, single phase electrical service to the siren poles, only. The successful bidder will meet with a representative of the Jessamine County Fiscal Court to discuss exact siren locations.
- 6.6 The Outdoor Warning Siren-Siren System will be controlled from the Jessamine County Fiscal Court's dispatch / emergency operations center as well as remotely.
- 6.7 Warranty for the proposed storm warning sirens (including all electronic parts), radios, batteries, and workmanship, will be clearly stated.
- 6.8 The time necessary to complete the project is of major importance to the Jessamine County Fiscal Court. From date of order, each bidder will specify the amount of time that it will take to complete 100% of the project.
- 6.9 Each bidder will submit a minimum of 5 references for similar systems installed in the last 3 years. Customer satisfaction reports will also be required.

6.10 ITEM AND DESCRIPTION OF SIRENS AND RELATED EQUIPMENT

Item #1 - Siren and Siren Equipment

Qty: (15) AC/DC Storm Warning Sirens

Electromechanical—Omni-Directional—NON Rotating—Maintenance Free

Using one continuous duty DC Motor dB Rating At 100 Feet: 127 (+/- 1dB)

Transformer/Rectifier for AC/DC siren operation

Magnetic Contactor W/NEMA 3R Enclosure (Lockable)

Optima 34U Rechargeable Batteries

Heavy Duty Battery Box (Pole Mountable and Lockable)

Power Requirement: 230 VAC, Single Phase, 125 Amp

Utility Pole Mounting Hardware

Item #2 - Report-back / Two-Way Radio Controller UHF / VHF

Qty: (15) AC/DC VHF or UHF Wireless Radio Decoder

DTMF tone code format

Pre-Programmed

No proprietary software will be required for reprogramming of any

feature of said decoder

Weatherproof Cabinet NEMA 3R (Lockable)

Antenna

Item #3 - Utility Pole

Qty: (15) Class II Utility Pole – 45ft. AGL

Item #4 - Installation

Qty: (15) Installation (Turn-Key)

Item #5 – Siren Monitoring Software

Qty: (2) Software must monitor health and status of warning sirens in the field via two-way communication over the Jessamine County Fiscal Court's existing analog VHF or UHF radio system. Radio equipment provided must be capable of implementing an encrypted / secured connection to sirens. Metrics to be monitored include AC voltage, DC voltage (if applicable), intrusion, and confirmation of siren sounding via onboard microphone in siren controllers. Sirens must be able to be polled, tested, or fully activated individually or as a group. The software must also provide the capability to automatically test the siren system on a set schedule. Software will be installed on a dedicated PC and use a 24" touchscreen monitor as the HMI. Software must be a one-time purchase with no annual subscriptions or license renewals. Lifetime technical support must be included in the purchase price.

Item #6 – Weather Monitoring and Siren Activation Software

Qty: (1) Software must accept data streams from the National Weather Service to monitor severe weather. Software must be capable of individual, zone, or full siren system activation. Software must be capable of automatic siren activation via EMWIN with no local activation command being required. Radio equipment provided must be capable of implementing an encrypted / secured connection to sirens. The System must include two independent sources for NOAA / NWS data reception. One data stream option must be internet based and one data stream option must be satellite based and operate on one the NOAA / NWS satellites. Software must also include HD radar for real-time, local weather monitoring.

Software must be capable of automatically posting NWS weather information to at least one social media platform. Software must be a one-time purchase; no subscription or annual renewal plans will be accepted. Lifetime technical support and software updates must be included in the original purchase price. Software installation and on-site training of Jessamine County Fiscal Court personnel must be included in the purchase price. Remote assistance must be included in the purchase price.

Item #7 - Warranty.

The warning siren heads will be covered by a 7-year warranty. All radio decoder components will be covered by a 3-year warranty. All batteries will be covered by a 5-year pro-rated warranty. All labor/workmanship associated with the installation of the system will be covered by a 2-year warranty. Warranty periods to start upon the Jessamine County Fiscal Court's acceptance of the system.

- 6.11 DATE TO COMPLETION. The timely completion of this project is of utmost importance to the Jessamine County Fiscal Court and be a factor in the Fiscal Court's decision. Completion time from date of order will be clearly stated in each bid.
- 6.12 SCOPE OF WORK. Price to supply and install a siren warning system on 45 feet class II utility pole. Price to include all electrical and component hookups, and run a fully operational test for acceptance. All components must be attached to the siren pole.
 - 6.12.A The scope of work specifically to include by not to be limited to:
 - a. Jessamine County Fiscal Court shall have all required permits and licenses.
 - b. Jessamine County Fiscal Court shall coordinate all work with the County and/or property owners to minimize activities, scheduled events, and general inconvenience.
 - c. Jessamine County Fiscal Court to be responsible for calling in locations for underground utility, telephone, etc. identification.
 - 6.12.B All electrical installation (conduit, wire, fittings, etc.) will be completed in accordance with manufacturers' recommendations. Electrical power cables must run through a lockable breaker/disconnect box. A 120 VAC, 60 Hz power receptacle for maintenance tools to be supplied at each site.
 - 6.12.C All electrical wiring must be in 1-inch watertight flex or larger conduit depending on wire size, all conduit must be run along the pole and securely

attached. All work must meet or exceed all applicable electrical codes for each applicator. All equipment must be grounded in accordance with applicable electrical codes or meet and exceed the required manufacturer's recommendations.

- 6.12.D Some or all sites will require service meters. It is the Jessamine County Fiscal Court's responsibility to determine which sites require meters and allow for the meter bases in the installation.
- 6.12.E A full test of the system will be required prior to acceptance and payment.

End of Bid Specifications

SECTION 7.0 - BID PROPOSAL TO JESSAMINE COUNTY FISCAL COURT

The bidder declares that he or she has informed himself or herself fully in regard to all conditions pertaining to the items to be provided and has examined the specifications and Contract Documents relative to the items to be provided.

The Bidder proposes and agrees, if this proposal is accepted, to Contract with the Jessamine County Fiscal Court to provide all items described in the Invitation to Bids, Specifications, Notice to Bidders, General Instruction to Bidders and related documents, which are made a part hereof to the same extent as fully set out herein, and in full and complete accordance with the described and reasonably intended requirements of the Specifications and to the full and entire satisfaction of Jessamine County Fiscal Court. The bid proposal is the purchase and installation of fifteen (15) operational Outdoor Storm Warning Sirens and all equipment necessary to complete the Storm Siren System project in Jessamine County, Kentucky.

BASE BID: COST FOR THE OUTDOOR WARNING SIREN SYSTEM PROJECT AS DESCRIBED ABOVE:

\$	
The bidder acknowledges receipt of ad	dendum (addenda), if applicable:
Legal Name of Bidder	Printed Name of Authorized Agent
Address	Signature of Authorized Representative
City, State, Zip Code	 Date

Affix Corporate Seal Here

Bid shall be considered void without corporate seal or stamp

Signature	Dated	
Printed Name		
SWORN to and subscribed before me this	day of	2009,
My con	nmission expires:	

Reciprocal Preference for Kentucky Resident Bidders

KRS 45A.490 Definitions for KRS 45A.490 to 45A.494.

As used in KRS 45A.490 to 45A.494:

- (1) "Contract" means any agreement of a public agency, including grants and orders, for the purchase or disposal of supplies, services, construction, or any other item; and
- (2) "Public agency" has the same meaning as in KRS 61.805.

KRS 45A.492 Legislative declarations.

The General Assembly declares:

- (1) A public purpose of the Commonwealth is served by providing preference to Kentucky residents in contracts by public agencies; and
- (2) Providing preference to Kentucky residents equalizes the competition with other states that provide preference to their residents.

KRS 45A.494 Reciprocal preference to be given by public agencies to resident bidders -- List of states -- Administrative regulations.

- (1) Prior to a contract being awarded to the lowest responsible and responsive bidder on a contract by a public agency, a resident bidder of the Commonwealth shall be given a preference against a nonresident bidder registered in any state that gives or requires a preference to bidders from that state. The preference shall be equal to the preference given or required by the state of the nonresident bidder.
- (2) A resident bidder is an individual, partnership, association, corporation, or other business entity that, on the date the contract is first advertised or announced as available for bidding:
- (a) Is authorized to transact business in the Commonwealth; and
- (b) Has for one (1) year prior to and through the date of the advertisement, filed Kentucky corporate income taxes, made payments to the Kentucky unemployment insurance fund established in KRS 341.490, and maintained a Kentucky workers' compensation policy in effect.
- (3) A nonresident bidder is an individual, partnership, association, corporation, or other business entity that does not meet the requirements of subsection (2) of this section.
- (4) If a procurement determination results in a tie between a resident bidder and a nonresident bidder, preference shall be given to the resident bidder.
- (5) This section shall apply to all contracts funded or controlled in whole or in part by a public agency.
- (6) The Finance and Administration Cabinet shall maintain a list of states that give to or require a preference for their own resident bidders, including details of the preference given to such bidders, to be used by public agencies in determining resident bidder preferences. The cabinet shall also promulgate administrative regulations in accordance with KRS Chapter 13A establishing the procedure by which the preferences required by this section shall be given.
- (7) The preference for resident bidders shall not be given if the preference conflicts with federal law.

Method of Award

Best Value – Ranking Approach

<u>Jessamine County Fiscal Court</u> intends to award a Contract to the Vendor, whose offer, conforming to the Solicitation, is the most advantageous on the basis of "best value" for all products, services, and requirements contained herein.

An evaluation committee, or a designated individual, will evaluate the information provided by the Vendor in response to the established measurable criteria contained in the Solicitation.

Measurable Criteria:

Price 90 Points Experience 10 Points

TOTAL POINTS 100 Points

Each Vendor is responsible for submitting all relevant, factual and correct information with their offer to enable the evaluator(s) to afford each Vendor the maximum score based on the available data submitted by the Vendor. VENDOR SHALL ENTER UNIT PRICE AND TOTAL PRICE ON THE BID SHEET. If adequate space is not available, the Vendor must attach additional information that clearly cross-references the appropriate location in the solicitation (i.e. page number, paragraph, subject, etc.).

Vendors responding with the minimum Best Value requirements in this Solicitation shall not be credited with Best Value points. Vendors responding with greater than the minimum requirements shall receive Best Value points. Failure to provide adequate information will impact the evaluated points awarded to the Vendor.

Price (90 points)

The bidder with the lowest Price receives the maximum score. The bidder with the next lowest Price receives points by dividing the lowest Price by the next lowest price and multiplying that percentage by the available points. For example, 95 points is allocated to the lowest Price criteria for this procurement, Bidder "A" bids \$3.00 as the lowest bidder and receives the maximum 95 points ($$3.00 / $3.00 = 1.00 \times 95 = 95$). Assume Bidder "B" is the next lowest bidder at \$4.00, then "B" receives 71.3 points ($$3.00 / $4.00 = .75 \times 95 = 71.25$).

Experience- (10 points)

5 years experience is the minimum requirement for this criteria. Points are only given to bidders who exceed the 5 year requirement. The bidder with the greatest number of years experience (not to exceed 10 years for evaluation purposes) receives the maximum number of points. The bidder with the next largest number of years experience, receives points by dividing the next largest number of years experience by the largest number of years experience and multiplying that percentage by the available points. For example, 10 points is allocated to the largest number of years experience, over 5 years, for this procurement, Bidder "A" bids 10 years as the bidder with the largest number of years experience and receives the maximum of 10 points $(10 / 10 = 1.00 \times 10 = 10)$. Assume Vendor "B" is the bidder with the next largest number of years experience at 5 years, then "B" receives 5 points $(5 / 10) = .50 \times 10 = 5$).

Vendor shall	enter number of	year's experience:	years

Best Value scoring is subject to Reciprocal preference for Kentucky resident bidders and Preferences for a Qualified Bidder or the Department of Corrections, Division of Prison Industries (KAR 200 5:410).

REQUIRED AFFIDAVIT FOR BIDDERS, OFFERORS AND CONTRACTORS CLAIMING RESIDENT BIDDER STATUS

FOR BIDS AND CONTRACTS IN GENERAL:

The bidder or offeror hereby swears and affirms under penalty of perjury that, in accordance with KRS 45A.494(2), the entity bidding is an individual, partnership, association, corporation, or other business entity that, on the date the contract is first advertised or announced as available for bidding:

- 1. Is authorized to transact business in the Commonwealth;
- 2. Has for one year prior to and through the date of advertisement
 - a. Filed Kentucky corporate income taxes;
 - b. Made payments to the Kentucky unemployment insurance fund established in KRS 341.49; and
 - c. Maintained a Kentucky workers' compensation policy in effect.

The BIDDING AGENCY reserves the right to request documentation supporting a bidder's claim of resident bidder status. Failure to provide such documentation upon request shall result in disqualification of the bidder or contract termination.

Signature	Printed Name
Title	Date
Company Name Address	
Addicss	

REQUIRED AFFIDAVIT FOR BIDDERS, OFFERORS AND CONTRACTORS CLAIMING QUALIFIED BIDDER STATUS

FOR BIDS AND CONTRACTS IN GENERAL:

all subcontractors therein, accordance with 200 KAR	meets the requiremen 5:410(3); and will contivarded. Please identify	penalty of perjury that the entity bidding, and ts to be considered a "qualified bidder" in nue to comply with such requirements for the below the particular "qualified bidder" status
A nonpro	ofit corporation that furth	ners the purposes of KRS Chapter 163
disabilities" means a (a) Is organized and (b) Complies with ar and the Commonwea (c) In the manufactur 45A.470, during the than seventy-five per manufacture or provi (d) Is registered and	n organization that: operated in the interest of applicable occupation alth; and re or provision of production of the man listent (75%) of the man listent of the products or the second of the products or the operation of the operati	d nonprofit agency for individuals with severe of individuals with severe disabilities; and hall health and safety law of the United States ects or services listed or purchased under KRS ividuals with severe disabilities for not less hours of direct labor required for the services; and nonprofit organization with the Secretary of
	tatus. Failure to provi	quest documentation supporting a bidder's ide such documentation upon request may t termination.
Signature	=======================================	Printed Name
Title		Date
Company Name	s	
Address	2	

	Must provide proof of general liability insurance in the minimum amount of \$1,000,000.00 with Jessamine County Fiscal Court named as additional insurer
	Must have worker's compensation insurance coverage for all employees that perform work under the contract prior to execution of contract
	Must have a Jessamine County Occupational License and be in compliance
	Must adhere to all local, state and federal regulations
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Company Na	me:
Contact:	
Address:	
Phone:	
Email:	