



**Boone County Purchasing**  
613 E. Ash Street, Room 111  
Columbia, Mo 65201

## REQUEST FOR BID (RFB)

**Robert Wilson**  
**Buyer**

(573) 886-4393 – Fax: (573) 886-4390  
Email: [rwilson@boonecountymo.org](mailto:rwilson@boonecountymo.org)

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### ***Bid Data***

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Bid Number: **29-13JUN17**  
Commodity Title: **Simulcast Transmit/Receive Radios**

**DIRECT ANY BID FORMAT OR SUBMISSION QUESTIONS TO PURCHASING DEPT.**

### ***Bid Submission Address and Deadline***

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Day/Date: Tuesday, June 13, 2017  
Time: 1:00 p.m. (Bids received after this time will be returned unopened)

Location/Mail Address: Boone County Purchasing Department  
Boone County Annex Building  
613 E. Ash, Room 111  
Columbia, Mo 65201

Directions: Annex Building is located at corner of 7<sup>th</sup> & Ash St.

### ***Bid Opening***

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Day/Date: Tuesday, June 13, 2017  
Time: 1:00 p.m., Central Time  
Location/Address: Boone County Purchasing Department  
Boone County Annex Building  
613 E. Ash, Room 111  
Columbia, MO 65201

### ***Bid Contents***

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1.0: Introduction and General Conditions of Bidding  
2.0: Primary Specifications  
3.0: Response Presentation and Review  
4.0: Response Form

Attachments: Standard Terms and Conditions  
"No Bid" Response Form

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## 1. Introduction and General Conditions of Bidding

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### 1. Introduction and General Conditions of Bidding

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- 1.1. **INVITATION** - The County of Boone, through its Purchasing Department, invites responses, which offer to provide the goods and/or services identified on the title page, and described in greater detail in Section 2.
- 1.2. **DEFINITIONS**
  - 1.2.1. **County** - This term refers to the County of Boone, a duly organized public entity. It may also be used as a pronoun for various subsets of the County organization, including, as the context will indicate:  
*Purchasing* - The Purchasing Department, including its Purchasing Director and staff.  
*Department(s) or Office(s)* - The County Department(s) or Office(s) for which this Bid is prepared, and which will be the end user(s) of the goods and/or services sought.  
*Designee* - The County employee(s) assigned as your primary contact(s) for interaction regarding Contract performance.
  - 1.2.2. **Bidder / Contractor / Supplier** - These terms refer generally to businesses having some sort of relationship to or with Boone County. The term may apply differently to different classes of entities, as the context will indicate.  
*Bidder* - Any business entity submitting a response to this Bid. Suppliers, which may be invited to respond, or which express interest in this bid, but which do not submit a response, have no obligations with respect to the bid requirements.  
*Contractor* - The Bidder whose response to this bid is found by Purchasing to meet the best interests of the County. The Contractor will be selected for award, and will enter in to a Contract for provision of the goods and/or services described in the Bid.  
*Supplier* - All business(s) entities which may provide the subject goods and/or services.
  - 1.2.3. **Bid** - This entire document, including attachments. A Bid may be used to solicit various kinds of information. The kind of information this Bid seeks is indicated by the title appearing at the top of the first page. A "Request for Bid" is used when the need is well defined. A "Request for Proposal" is used when the County will consider solutions, which may vary significantly from each other or from the County's initial expectations.
  - 1.2.4. **Response** - The written, sealed document submitted according to the Bid instructions.
- 1.3. **BID CLARIFICATION** - Questions regarding this Bid should be directed in writing, preferably by fax or e-mail, to the Purchasing Department. Answers, citing the question asked but not identifying the questioner, will be distributed simultaneously to all known prospective Bidders. Note: Written requirements in the Bid or its Amendments are binding, but any oral communications between County and Bidder are not.
  - 1.3.1. **Bidder Responsibility** - The Bidder is expected to be thoroughly familiar with all specifications and requirements of this Bid. Bidders' failure or omission to examine any relevant form, article, site or document will not relieve them from any obligation regarding this Bid. By submitting a Response, Bidder is presumed to concur with all terms, conditions and specifications of this Bid.

- 1.3.2. **Bid Amendment** - If it becomes evident that this Bid must be amended, the Purchasing Department will issue a formal written Addendum to all known prospective Bidders. If necessary, a new due date will be established.
- 1.4. **AWARD** - Award will be made to the Bidder(s) whose offer(s) provide the greatest value to the County from the standpoint of suitability to purpose, quality, service, previous experience, price, lifecycle cost, ability to deliver, or for any other reason deemed by Purchasing to be in the best interest of the County. Thus, the result will not be determined by price alone. The County will be seeking the least costly outcome that meets the County needs as interpreted by the County.
  - 1.4.1. The County reserves the right to award to one or multiple respondents. The County also reserves the right to not award any item or group of items if the services can be obtained from state contract or other governmental entities under more favorable terms.
- 1.5. **CONTRACT EXECUTION** - This Bid and the Contractor's Response will be made part of any resultant Contract and will be incorporated in the Contract as set forth, verbatim.
  - 1.5.1. **Precedence** - In the event of contradictions or conflicts between the provisions of the documents comprising this Contract, they will be resolved by giving precedence in the following order:
    - 1) the provisions of the Contract (as it may be amended);
    - 2) the provisions of the Bid;
    - 3) the provisions of the Bidder's Response.
- 1.6. **COMPLIANCE WITH STANDARD TERMS AND CONDITIONS** - Bidder agrees to be bound by the County's standard "boilerplate" terms and conditions for Contracts, a sample of which is attached to this Bid.

## **2. Primary Specifications**

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### **2.00 GENERAL**

2.01 These specifications describe a series of Harris brand, Mastr III series base station radio units for use in the Boone County Joint Communications radio improvement project.

2.02 Each Mastr III radio in GROUP ONE shall be a transmit-only unit operating in the 150-174 MHz range. No receiver is included in the radio package.

2.03 Each Mastr III radio in GROUP TWO shall be a transmit/receive unit operating in the 806-869 MHz range. Receiver is included in the radio package.

2.04 A complete itemized list of equipment, including printed literature and factory specification sheets, stating name, model number and options of the proposed equipment must be attached to the bid.

2.05 All equipment must be factory new, not reconditioned, and in current production at the time of delivery.

2.06 All equipment shall be FCC type accepted for use under Part 90 of the R&R and will be operative on narrowband channel spacing.

2.07 County will be responsible for installation and adjustment.

2.08 Furnish radios as single channel units. Vendor shall factory program and align the transmitters and receivers on County's frequencies within the bandsplit. Frequency list will be provided with order to Vendor.

2.09 **No cabinets or mounting racks are required.** Furnish radios in 'no cabinet' shipping crates.

2.10 Radios will be installed indoors and in open racks. **No additional special rack mounting hardware is required.**

### **3.00 TECHNICAL – GROUP ONE**

3.01 Furnish Harris brand, Mastr III radio with VHF transmitter operating in nominal bandsplit 150 MHz to 174 MHz range that can be configured for 'duplex' base.

3.02 Furnish radio to permit using external high stability 10 MHz timing source for precise control of transmit frequency. High stability 10 MHz oscillator furnished by others.

3.03 Furnish radio with nominal 110 watt continuous duty transmitter operation.

3.04 Furnish radio with audio card to permit external E&M keying. Furnish protective metal top cover screen.

3.05 Furnish radio with latest version synthesizer hardware, firmware and software.

3.06 Furnish unit with low profile, switch mode, 120VAC power supply.

3.07 Furnish radio with dedicated transmitter antenna connector (no outboard T-R relay necessary).

3.08 Furnish radio with interface point to permit injecting external synchronized CTCSS tone into exciter.

3.09 Nominal Harris nomenclature: Radios must comply with all Purchaser specifications. The following nomenclature is provided solely for convenience of Vendors. Each radio composed of following options:

Basic Radio	SXHMDX
Cover Screen	SXMN9C
Shipping Crate	SXMN2B

3.10 Furnish sixteen (16) units of GROUP ONE radios.

### **4.00 TECHNICAL – GROUP TWO**

4.01 Furnish Harris brand, Mastr III radio with 800 MHz transmitter and receiver operating in nominal bandsplit 806-869 MHz range that can be configured for duplex base or repeater operation.

4.02 Furnish radio to permit using external high stability 10 MHz timing source for precise control of transmit frequency. High stability 10 MHz oscillator furnished by others.

4.03 Furnish radio with nominal 100 watt continuous duty transmitter operation.

4.04 Furnish radio with audio card to permit external E&M keying. Furnish protective metal top cover screen.

4.05 Furnish radio with latest version synthesizer hardware, firmware and software.

4.06 Furnish unit with low profile, switch mode, 120VAC power supply.

4.07 Furnish radio with dedicated transmitter and receiver antenna connectors (no outboard T-R relay necessary).

4.08 Furnish radio with interface point to permit injecting external synchronized CTCSS tone into exciter.

4.09 Furnish one complete set of factory printed service manuals for proposed 800 MHz stations.

4.10 Nominal Harris nomenclature: Radios must comply with all Purchaser specifications. The following nomenclature is provided solely for convenience of Vendors. Each radio composed of following options:

Basic Radio	SX8MCX
Cover Screen	SXMN9C
Shipping Crate	SXMN2B

4.11 Furnish nine (9) units of GROUP TWO radios

## 5.0. Response Presentation and Review

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- 5.1. **RESPONSE CONTENT** – In order to enable direct comparison of competing Responses, Bidder must submit Response in strict conformity to the requirements stated herein. Failure to adhere to all requirements may result in Bidder's Response being disqualified as non-responsive. All Responses must be submitted using the provided Response Sheet. Every question must be answered and if not applicable, the section must contain "N/A". Manufacturer's published specifications for the items requested shall be included with the response.
- 5.2. **SUBMITTAL OF RESPONSES** – Responses MUST be received by the date and time notes on the title page under "Bid Submission Information and Deadline". NO EXCEPTIONS. The County is not responsible for late or incorrect deliveries from the US Postal Service or any other mail carrier.
- 5.3. **Advice of Award** – If you wish to be advised of the outcome of this Bid, the results may be viewed on the County's web page at [www.showmeboone.com](http://www.showmeboone.com).
- 5.4. **BID OPENING** – On the date and time and at the location specified on the title page, all Responses will be opened in public. Brief summary information from each will be read aloud, and any person present will be allowed, under supervision, to scan any Response. In the event only one bid is received by the date and time of the bid opening, County reserves the right to not open the bid and extend the Closing Date for the purpose of inviting bid responses from more vendors in the interest of establishing competition.
- 5.5. **Removal from Vendor Database** – If any prospective Bidder currently in our Vendor Database to whom the Bid was sent elects not to submit a Response and fails to reply in writing stating reason for not bidding, that Bidder's name may be removed from our database. Other reasons for removal include unwillingness or inability to show financial responsibility, reported poor performance, unsatisfactory service, or repeated inability to meet delivery requirements.
- 5.6. **RESPONSE CLARIFICATION** – The County reserves the right to request additional written or oral information from Bidders in order to obtain clarification of their Responses.
- 5.7. **Rejection or Correction of Responses** – The County reserves the right to reject any or all Responses. Minor irregularities or informalities in any Response which are immaterial or inconsequential in nature, and are neither affected by law nor at substantial variance with Bid conditions, may be waived at our discretion whenever it is determined to be in the County's best interest.
- 5.8. **EVALUATION PROCESS** – The County's sole purpose in the evaluation process is to determine from among the Responses received which one is best suited to meet the County's needs at the lowest possible cost. Any final analysis or weighted point score does not imply that one Bidder is superior to another, but

simply that in our judgment the Contract selected appears to offer the best overall solution for our current and anticipated needs at the lowest possible cost.

- 5.9. **Method of Evaluation** – The County will evaluate submitted Responses in relation to all aspects of this Bid.
- 5.10. **Acceptability** – The County reserves the sole right to determine whether goods and/or services offered are acceptable for County use.
- 5.11. **Endurance of Pricing** – Bidder's pricing must be held until contract execution or 60 days, whichever comes first.



**6.0. RESPONSE FORM**

Vendor Name: \_\_\_\_\_

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

City/Zip: \_\_\_\_\_

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

E-Mail: \_\_\_\_\_

Fax Number: \_\_\_\_\_

Federal Tax I.D. \_\_\_\_\_

Corporation

Partnership

Name \_\_\_\_\_

Individual/Proprietorship – Individual Name \_\_\_\_\_

Other (Specify)

\_\_\_\_\_

The undersigned offers to furnish and deliver the articles or services as specified at the prices and terms stated and in strict accordance with all requirements contained in the Request for Bid which have been read and understood, and all of which are made part of this order. By submission of this bid, the vendor certifies that they are in compliance with Section 34.353 and, if applicable, Section 34.359 (Missouri Domestic Products Procurement Act) of the Revised Statutes of Missouri.

Authorized Representative (Sign by Hand):

\_\_\_\_\_ Date: \_\_\_\_\_

Print Name and Title of Authorized Representative:

\_\_\_\_\_

**7.1. PRICING –**

**7.1.1. Bid:**

<b>Description</b>	<b>Model</b>	<b>Quantity</b>	<b>Price/Unit</b>	<b>Total</b>
Group One (3.00): Harris Brand Mastr III (150-174 MHz) Unit with Options	Material #:	16	\$	\$
Group Two (4.00): Harris Brand Mastr III (806-869 MHz) Unit with Options	Material #:	9	\$	\$
<b>Bid Total</b>				\$

**7.1.2. Delivery:** Delivery after receipt of order (# of calendar days): \_\_\_\_\_ DAYS

**7.1.3. Warranty:** Describe or attach warranty on equipment:

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## ***Standard Terms and Conditions***

Robert Wilson, Buyer  
Phone: (573) 886-4393 – Fax: (573) 886-4390

1. Contractor shall comply with all applicable federal, state, and local laws and failure to do so, in County's sole discretion, shall give County the right to terminate this Contract.
2. Responses shall include all charges for packing, delivery, installation, etc., (unless otherwise specified) to the Boone County Department identified in the Request for Bid and/or Proposal.
3. The Boone County Commission has the right to accept or reject any part or parts of all bids, to waive technicalities, and to accept the offer the County Commission considers the most advantageous to the County. Boone County reserves the right to award this bid on an item-by-item basis, or an "all or none" basis, whichever is in the best interest of the County.
4. Bidders must use the bid forms provided for the purpose of submitting bids, must return the bid and bid sheets comprised in this bid, give the unit price, extended totals, and sign the bid. The Purchasing Director reserves the right, when only one bid has been received by the bid closing date, to delay the opening of bids to another date and time in order to revise specifications and/or establish further competition for the commodity or service required. The one (1) bid received will be retained unopened until the new Closing date, or at request of bidder, returned unopened for re-submittal at the new date and time of bid closing.
5. When products or materials of any particular producer or manufacturer are mentioned in our specifications, such products or materials are intended to be descriptive of type or quality and not restricted to those mentioned.
6. Do not include Federal Excise Tax or Sales and Use Taxes in bid process, as law exempts the County from them.
7. The delivery date shall be stated in definite terms, as it will be taken into consideration in awarding the bid.
8. The County Commission reserves the right to cancel all or any part of orders if delivery is not made or work is not started as guaranteed. In case of delay, the Contractor must notify the Purchasing Department.
9. In case of default by the Contractor, the County of Boone will procure the articles or services from other sources and hold the Bidder responsible for any excess cost occasioned thereby.
10. Failure to deliver as guaranteed may disqualify Bidder from future bidding.

11. Prices must be as stated in units of quantity specified, and must be firm. Bids qualified by escalator clauses may not be considered unless specified in the bid specifications.
12. No bid transmitted by fax machine or e-mail will be accepted.
13. The County of Boone, Missouri expressly denies responsibility for, or ownership of any item purchased until same is delivered to the County and is accepted by the County.
14. The County reserves the right to award to one or multiple respondents. The County also reserves the right to not award any item or group of items if the services can be obtained from a state or other governmental entities contract under more favorable terms. The resulting contract will be considered "Non-Exclusive". The County reserves the right to purchase from other vendors.
15. The County, from time to time, uses federal grant funds for the procurement of goods and services. Accordingly, the provider of goods and/or services shall comply with federal laws, rules and regulations applicable to the funds used by the County for said procurement, and contract clauses required by the federal government in such circumstances are incorporated herein by reference. These clauses can generally be found in the *Federal Transit Administration's Best Practices Procurement Manual – Appendix A*. Any questions regarding the applicability of federal clauses to a particular bid should be directed to the Purchasing Department prior to bid opening.
16. In the event of a discrepancy between a unit price and an extended line item price, the unit price shall govern.
17. Should an audit of Contractor's invoices during the term of the Agreement, and any renewals thereof, indicate that the County has remitted payment on invoices that constitute an over-charging to the County above the pricing terms agreed to herein, the Contractor shall issue a refund check to the County for any over-charges within 30-days of being notified of the same.
18. **For all titled vehicles and equipment the dealer must use the actual delivery date to the County on all transfer documents** including the Certificate of Origin (COO,) Manufacturer's Statement of Origin (MSO,) Bill of Sale (BOS,) and Application for Title.
19. **Equipment and serial and model numbers** - The contractor is strongly encouraged to include equipment serial and model numbers for all amounts invoiced to the County. If equipment serial and model numbers are not provided on the face of the invoice, such information may be required by the County before issuing payment.



**"No Bid" Response Form**

**Boone County Purchasing**  
613 E. Ash, Room 111  
Columbia, MO 65201

Robert Wilson, Buyer  
(573) 886-4393 – Fax: (573) 886-4390

**"NO BID RESPONSE FORM"**

**NOTE: COMPLETE AND RETURN THIS FORM ONLY IF YOU DO NOT WANT TO  
SUBMIT A BID**

If you do not wish to respond to this bid request, but would like to remain on the Boone County vendor list for this service/commodity, please remove form and return to the Purchasing Department by mail or fax.

If you would like to FAX this "No Bid" Response Form to our office, the FAX number is (573) 886-4390.

**Bid: 29-13JUN17 – Simulcast Transmit/Receive Radios**

Business Name: \_\_\_\_\_

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

\_\_\_\_\_

\_\_\_\_\_

Telephone: \_\_\_\_\_

Contact: \_\_\_\_\_

Date: \_\_\_\_\_

Reason(s) for not bidding:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_