



## ***Request for Bid (RFB)***

Boone County Purchasing  
601 E. Walnut, Room 208  
Columbia, MO 65201  
**Melinda Bobbitt, CPPB, Director**  
Phone: (573) 886-4391 – Fax: (573) 886-4390  
Email: [mbobbitt@boonecountymo.org](mailto:mbobbitt@boonecountymo.org)

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### ***Bid Data***

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Bid Number: **38-15JUN04**

Commodity Title: ***Radio Equipment***

### **DIRECT BID FORMAT OR SUBMISSION QUESTIONS TO THE PURCHASING DEPARTMENT**

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

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Day / Date: TUESDAY – June 15, 2004

Time: 10:30 A.M. (**Bids received after this time will be returned unopened**)

Location / Mail Address: **Boone County Purchasing Department  
Boone County Johnson Building  
601 E. Walnut, Room 208  
Columbia, MO 65201**

Directions: The Johnson Building is located on the Northeast corner at 6<sup>th</sup> Street and Walnut Street. Enter the building from the East Side. Wheel chair accessible entrance is available on the West side of the building.

#### ***Bid Opening***

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Day / Date: TUESDAY – June 15, 2004

Time: 10:30 A.M. C.S.T.

Location / Address: **Boone County Johnson Building Conference Room  
601 E. Walnut, Room 213  
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**  
**Standard Terms and Conditions**  
**“No Bid” Response Form**

**1. Introduction and General Conditions of Bidding**

- 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 into 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 Amendment 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.
- 1.5. **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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- 2.1. **ITEMS TO BE PROVIDED** – For the Furnishing and Delivery of **Radio Equipment** for the Sheriff Department of the County of Boone - Missouri as detailed in the following specifications.
- 2.1.1. **Contract Documents** - The successful bidder(s) shall be obligated to enter into a written contract with the County within 30 days of award on contract forms provided by the County. If bidder desires to contract under their own written agreement, any such proposed agreement shall be submitted in blank with their bid. The County reserves the right to modify any proposed form agreement or withdraw its award to a successful bidder if any proposed agreement contains terms and conditions inconsistent with its bid or are unacceptable to County legal counsel.
- 2.2. **GENERAL REQUIREMENTS FOR RADIO BID:**
- 2.2.1. For the Furnishing and Delivery of one (1) Motorola brand MTR-2000 series UHF base station radio for use as a link transmitter in the Boone County Sheriff's Department radio system and one (1) copy of Radio Service Software and computer cable for programming radio.
- 2.2.1.1. No substitutions allowed. Specific product required for system compatibility. Bids for alternates will be considered non-responsive and rejected.
- 2.2.2. A complete itemized list of equipment, including printed literature and factory specification sheets, stating name, model number and options of the proposed equipment shall be attached to the bid.
- 2.2.3. Sample printed warranty shall accompany bid.
- 2.2.4. One set of instruction and service manuals shall be furnished with the radio, option X436.
- 2.2.5. Supplier shall itemize all equipment serial numbers on invoice or separate sheet.
- 2.2.6. Necessary adjustment and alignment tuning tools shall be furnished. Extender cards for servicing all plug-in boards shall be furnished.
- 2.2.7. All equipment shall be factory new, not reconditioned, and in current production at the time of delivery.
- 2.2.8. All equipment shall be FCC type accepted for use under Part 90 of the R&R.
- 2.2.9. Unless stated otherwise, installation will be done by County. Contractor shall furnish radio only.
- 2.2.10. Furnish one (1) copy of Radio Service Software and computer cable for programming radio.
- 2.3. **GENERAL SPECIFICATIONS – UHF BASE STATION**
- 2.3.1. Radio shall **not** be housed in a cabinet. Furnish radio equipment assembly for open rack mounting in nominal 19" EIA rack, X153.
- 2.3.2. Channel spacing 12.5 and 25 KHz, programming option for conventional audio operation, X597.
- 2.3.3. Stability .0002% from -30 degrees C to +60 degrees C.
- 2.3.4. Nominal 120 VAC power, X121.
- 2.3.5. 12 VDC battery reverting. Contractor shall furnish relay/electrical transfer device for automatic reversion to battery power. Batteries not requested or required under this specification and will be furnished by County separately.
- 2.3.6. Provide programmable CTCSS/DCS operation. Squelch tail elimination required in both transmitter and receiver.
- 2.3.7. Equip station for 4-wire operation in the duplex mode, base station operation, X622.
- 2.3.8. Equip station for tone remote control operation. Furnish programmable tone frequency operation. Additionally, provide (any) hardware necessary so station can be alternatively controlled by E&M.
- 2.3.9. Furnish duplex RF shield kit(s) for transmitter and receiver.

- 2.3.10. Continuous duty operation at rated specs.
- 2.3.11. Furnish full size test palm mic or handset for testing, GMN-6147.
- 2.3.12. Furnish radio for operation in 450-470 MHz range.
- 2.3.13. Furnish radio with separate antenna connectors for transmit and receive, no T-R relay.
- 2.4. **TRANSMITTER SPECIFICATIONS:**
  - 2.4.1. Furnish transmitter with power output adjustable from nominal 50 watt to 100 watt, X540.
  - 2.4.2. Modulation adjustable up to +/- 5 KHz.
  - 2.4.3. FM noise -55 db.
  - 2.4.4. Provide separate modulation adjustments for CTCSS/DCS and transmit audio.
- 2.5. **RECEIVER SPECIFICATIONS:**
  - 2.5.1. Minimum sensitivity .5 microvolts for 20 db quieting.
  - 2.5.2. Minimum selectivity -80 db at +/- 25 KHz.
  - 2.5.3. Intermod -85 db minimum.
  - 2.5.4. Spurious and image rejection -90 db minimum, furnish High Performance Preselector X265.
  - 2.5.5. Output to supplied local service speaker 1 watt at less than 10% THD, furnish HSN-1000.
  - 2.5.6. "AND" squelch operation -- Receiver operation requires CTCSS/DCS decode and RF carrier detect.
- 2.6. **BID/CLARIFICATION CONTACT** - Melinda Bobbitt, CPPB, Director of Purchasing, 601 E. Walnut, Room 208, Columbia, MO 65201. Telephone: (573) 886-4391; Fax: (573) 886-4390; E-mail: Mbobbit@boonecountymo.org.
- 2.7. **BILLING AND PAYMENT** - Payment will be made within 30 days from receipt of a correct invoice. .
- 2.8. **DELIVERY** - FOB Destination - Delivery to the Boone County Sheriff Department. All deliveries shall be made FOB Destination with freight charges fully included and prepaid. The seller pays and bears the freight charges.

**3. Response Presentation and Review**

- 3.1 **RESPONSE CONTENT** - In order to enable direct comparison of competing Responses, Bidder must submit Response in strict conformity to the requirements stated here. Failure to adhere to all requirements may result in 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."
- 3.2 **SUBMITTAL OF RESPONSES** - Responses MUST be received by the date and time noted 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.
  - 3.2.1. **Submittal Package** - Submit, to the location specified on the title page, **three (3) complete copies** of your Response in a single sealed envelope, clearly marked on the outside with your company name and return address, the bid number and the due date and time.
  - 3.2.2. **Advice of Award** - The County's Bids, Bid Tabulations, and Bid Awards may be viewed on our web page at [www.showmeboone.com](http://www.showmeboone.com). View information under *Purchasing*.
- 3.3. **BID OPENING** - On the date and time and at the location specified on the title page under "Bid Opening", all Responses will be opened in public. Brief summary information from each will be read aloud.
  - 3.3.1. **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 reasons 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.
- 3.4. **RESPONSE CLARIFICATION** – The County reserves the right to request additional written or oral information from Bidders in order to obtain clarification of their Responses.
  - 3.4.1. **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.
- 3.5. **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 Contractor selected appears to offer the best overall solution for our current and anticipated needs at the lowest possible cost.
  - 3.5.1. **Method of Evaluation** – The County will evaluate submitted Responses in relation to all aspects of this Bid.
  - 3.5.2. **Acceptability** – The County reserves the sole right to determine whether goods and/or services offered are acceptable for our use.
  - 3.5.3. **Endurance of Pricing** - Bidder's pricing must be held until award or 60 days, whichever comes first.
  - 3.5.4. **Award** - The County reserves the right to award on by "category" or "all or none" basis.
  - 3.5.5. Boone County reserves the right to reject all bids. Boone County reserves the right to waive informalities in bids.

**4. Response Form - Submit three (3) complete copies of your Response in a single sealed envelope, clearly marked on the outside, left corner with your company name and return address, the proposal number and the due date and time.**

- 4.1. Company Name: \_\_\_\_\_
- 4.2. Address: \_\_\_\_\_
- 4.3. City/Zip: \_\_\_\_\_
- 4.4. Phone Number: \_\_\_\_\_
- 4.5. Fax Number: \_\_\_\_\_
- 4.6. Federal Tax ID: \_\_\_\_\_

4.7. 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 has 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.

- 4.7.1. Authorized Representative (Sign By Hand):  
\_\_\_\_\_
- 4.7.2. Type or Print Signed Name:  
\_\_\_\_\_
- 4.7.3. Today's Date: \_\_\_\_\_

4.8..	<b>RADIO EQUIPMENT: (NO SUBSTITUTES ALLOWED)</b>	<b>Quantity (Each)</b>	<b>Price</b>
4.8.1.	<b>Radio: Motorola MTR-2000 per section 2.2.</b> <b>Manufacturer:</b> _____ <b>Model #:</b> _____	1	\$ _____
4.8.2.	<b>Computer Cable per section 2.2.</b>	1	\$ _____
4.8.3.	<b>Software, Radio Service</b> <b>Manufacturer:</b> _____ <b>Model #:</b> _____	1	\$ _____
4.8.3.	<b>TOTAL (4.8.1. + 4.8.2. + 4.8.3.)</b>		\$ _____

4.9. Will you honor the submitted prices for purchase by other entities in Boone County who participate in cooperative purchasing with Boone County, Missouri?  
 \_\_\_\_\_ Yes                      \_\_\_\_\_ No

4.10. Please Describe Warranty:  
 \_\_\_\_\_  
 \_\_\_\_\_

4.11. Delivery Days After Receipt of Order: \_\_\_\_\_ Days



**Boone County Purchasing**

601 E. Walnut, Room 208

Columbia, MO 65201

**Melinda Bobbitt, Director**

Phone: (573) 886-4391 - Fax (573) 886-4390

*Standard Terms and Conditions*

1. 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.
2. 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.
3. 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.
4. 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.
5. Do not include Federal Excise Tax or Sales and Use Taxes in bid process, as law exempts the County from them.
6. The delivery date shall be stated in definite terms, as it will be taken into consideration in awarding the bid.
7. 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.
8. 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.
9. Failure to deliver as guaranteed shall disqualify Bidder from future bidding.
10. 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.
11. No bid transmitted by fax machine will be accepted.
12. 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.



***“No Bid” Response Form***

**Boone County Purchasing**  
601 E. Walnut, Room 208  
Columbia, MO 65201

Melinda Bobbitt, CPPB, Director  
(573) 886-4391 – Fax: (573) 886-4390

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**“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: 38-15JUN04 - Radio Equipment for the Sheriff Department**

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

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

\_\_\_\_\_

\_\_\_\_\_

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

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

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