



Boone County Purchasing
613 E. Ash Street, Room 110
Columbia, Mo 65201

REQUEST FOR BID (RFB)

Melinda Bobbitt, CPPO, CPPB
Director of Purchasing
(573) 886-4393 – Fax: (573) 886-4390
Email: mbobbitt@boonecountymmo.org

Bid Data

Bid Number: **09-14FEB17**
Commodity Title: **Antenna/Feedline Equipment - Term and Supply**

DIRECT ANY BID FORMAT OR SUBMISSION QUESTIONS TO PURCHASING DEPT.

Bid Submission Address and Deadline

Day/Date: Tuesday, February 14, 2017
Time: 2:00 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 110
Columbia, MO 65201
Directions: Annex Building is located at corner of 7th & Ash St.

Bid Opening

Day/Date: Tuesday, February 14, 2017
Time: 2:00 p.m., Central Time
Location/Address: Boone County Purchasing Department
Boone County Annex Building
613 E. Ash, Room 110
Columbia, MO 65201

Bid Contents

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

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**
- 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.
- Bidder / Contractor / Supplier** – These terms refer generally to businesses having some sort of relations to or with us. 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/entities which may provide the subject goods and/or services.
- 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.
- 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 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 Addenda are binding, but any oral communications between County and Bidder are not.
- 1.4. **Bidder Responsibility** – The Bidder is expected to be thoroughly familiar with all specifications and requirements of this Bid. Bidder’s 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.
- 1.5. **Bid Addendum** – 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.

- 1.6. 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.
- 1.7. CONTRACT PERIOD**- The initial contract period for any Term and Supply contract awarded will be **March 1 through February 28, 2018**, and may be renewed by the County for up to an **additional four (4) one-year periods** unless cancelled by the Purchasing Director in writing prior to any renewal period. Contractor’s quoted costs shall remain firm during the initial contract period. Adjustments to costs for subsequent renewal terms shall be in accordance with the percentages quoted on the Response Form of this bid. Any renewals will be based on agreement by both parties as to pricing, past vendor service, etc. Contract may be cancelled by Boone County upon 10 days written notice to Contractor for non-compliance with these bid requirements, performance problems, or other just cause so deemed by the County.
- 1.8. TERMINATION FOR CONVENIENCE** – The Purchasing Director may, by written notice, terminate this contract in whole or in part when it is in the best interest of the County. If this Contract is so terminated, the County shall be liable only for payment in accordance with the payment provisions of this contract for services rendered to the effective date of termination. Termination for convenience shall be effective thirty (30) days from the Contractor’s receipt of notice unless a longer time period is provided in the notice.
- 1.9. CONTRACT EXTENSION** – The County Purchasing Director may exercise the option to extend the contract on a month-to-month basis for a maximum of 6 months from the date of the final contract period’s expiration if it is deemed to be in the best interest of Boone County.
- 1.10. 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.
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.
- 1.11. 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

2.1 GENERAL

- 2.1.1. For the furnishing and delivery of nine (9) PIM-rated base station antennas to be used in conjunction with the operation of County's land mobile two-way radio system.
- 2.1.2. All antennas will be collinear design (no exposed dipoles), matching light blue (or sky blue) in color, constructed with fiberglass radome and cylindrical aluminum mounting area/base, and shall provide DC grounding of antenna components.
- 2.1.3. Nominal operating impedance will be 50 ohms.
- 2.1.4. Antennas will be installed vertically and used for vertical polarization by County.
- 2.1.5. Antennas will each be equipped with a bottom mounted 7/16 DIN female connector.
- 2.1.6. Antennas shall be PIM rated and tested for <-150 dbc when tested w/ 20/20 watt RF transmitters.
- 2.1.7. Contractor will be responsible for providing all the specified equipment and all standard advertised hardware accessories.
- 2.1.8. All equipment will be factory new, not reconditioned, and in current production at time of delivery.
- 2.1.9. A Term and Supply pricing section has been added to allow County to purchase additional quantity of specified bid items on an on-going forward basis as needed and as ordered by County. Requirements for the Term and Supply component of this RFB are listed in Section 2.3.

2.2 TECHNICAL REQUIREMENTS – BASE BID - BID ITEMS

2.2.1. Contractor shall furnish five (5) antennas that meet the following specifications:

- 2.2.1.a. Wideband operation covering 150-160 MHz with at least 14db return loss over full band.
- 2.2.1.b. Nominal unity gain/nominal 2 dbi gain.
- 2.2.1.c. Nominal 6' length antenna with nominal 30" long mounting area

2.2.2. Contractor shall furnish one (1) antenna that meets the following specifications:

- 2.2.2.a. Wideband operation covering 150-160 MHz with at least 14db return loss over full band.
- 2.2.2.b. Nominal 4dbd/6dbi gain

2.2.2.c. Nominal 16' length antenna with nominal 30" long mounting area

2.2.3. Contractor shall furnish three (3) antennas that meet the following specifications:

2.2.3.a. Wideband operation covering 806-870 MHz with at least 14db return loss over full band.

2.2.3.b. Nominal 9dbd/11dbi gain

2.2.3.c. Nominal 12' length antenna with nominal 30" long mounting area

2.3. REQUIREMENTS FOR TERM AND SUPPLY

2.3.1. Participation in Term and Supply Agreement by Contractor is optional and will not affect purchase award of items in Section 2.1. GENERAL.

2.3.2. All Term and Supply contract purchases shall be handled under general conditions set out by County in this RFB document.

2.3.3. All pricing for equipment purchased under Term and Supply contract shall include prepaid freight and shall be quoted FOB, County of Boone, MO 65201.

2.3.4. Bidder shall complete the pricing form for each type or category of item proposed for sale to County. For each type or category of item, Bidder shall provide:
a. Pricing discount level below published MSRP and/or pricing for individual items on this RFB.
b. Estimated general stocking level (provide a number from 0-100% that reflects general Vendor stocking depth of products)

2.3.5. Bidder shall state all special conditions that could affect price or delivery of individual items including, but not limited to, any trans-shipping fees, small quantity purchase surcharge, specialized shipping fees, surcharges or special handling costs.

2.3.6. Term and Supply items are included below. Pricing shall be supplied on the attached Response Form.

Term and Supply Item Description

1. Item #2.2.1 VHF nominal 2dbi gain antenna
2. Item #2.2.2 VHF nominal 6dbi gain antenna
3. Item #2.2.3. 800 MHz nominal 11dbi gain antenna
4. Antenna similar to Item #2.2.1. VHF but nominal 8dbi gain antenna
5. Antenna similar to Item #2.2.3. 800 MHz but nominal 9dbi gain antenna
6. Antenna similar to Item #2.2.2. VHF but exposed dipole and nominal dual 5dbi gain

2.4. ADDITIONAL TERMS AND CONDITIONS

2.4.1. **INVOICES AND PAYMENT:** Vendor shall send just **one** invoice to the County at completion of delivery and acceptance of goods/installation from the initial order. All charges must be priced as listed on the vendor's bid response. No additional fees or taxes shall be charged. The County's Purchase Order Number must appear on the invoice. The County agrees to pay the invoice within thirty (30) days from receipt of a correct invoice and all other required documents.

A lump sum payment shall be made upon acceptance by Boone County. Invoices shall be submitted to Boone County Emergency Management Operations, P.O. Box 6015, Columbia, MO 65205.

- 2.4.2. **Bid Clarification:** Any questions or clarifications concerning bid documents should be addressed in writing, PRIOR TO BID OPENING, to Melinda Bobbitt, Director of Purchasing, 613 E. Ash Street, Room 110, Columbia, Missouri 65201. Phone: (573) 886-4391 Fax: (573) 886-4390 or Email: mbobbitt@boonecountymo.org.
- 2.4.3. **Delivery Terms:** FOB- Destination with shipping and handling costs included, delivered to Boone County Fire Protection Headquarters, 2201 I-70 Drive Northwest, Columbia, MO 65202. Telephone Contact for delivery drivers is: (573) 447-5000.
 - 2.4.3.1. All nine (9) units in the initial order shall be shipped together. Contractor shall send just **one** invoice to the County at completion of delivery and acceptance of goods.
- 2.4.4. **Designee** - Boone County Joint Communications. Initial order is for the RISE project.

3.0. 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 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.
- 3.2. **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.
- 3.3. **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.
- 3.4. **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.
- 3.5. **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.
- 3.6. **RESPONSE CLARIFICATION** – The County reserves the right to request additional written or oral information from Bidders in order to obtain clarification of their Responses.
- 3.7. **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.
- 3.8. **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.
- 3.9. **Method of Evaluation** – The County will evaluate submitted Responses in relation to all aspects of this Bid.
- 3.10. **Acceptability** – The County reserves the sole right to determine whether goods and/or services offered are acceptable for County use.
- 3.11. **Endurance of Pricing** – Bidder’s pricing must be held until contract execution or 60 days, whichever comes first.

4.0. 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:

4.1. PRICING –

4.1.1. BASE BID:

	Description	Quantity	Each	Extended
a.	Antenna per Section 2.2.1. VHF nominal 2dbi gain antenna	5	\$	\$
b.	Antenna per Section 2.2.2. VHF nominal 6dbi gain antenna	1	\$	\$
c.	Antenna per Section 2.2.3. 800 MHz nominal 11dbi gain antenna	3	\$	\$
	TOTAL			\$

4.1.2. Base Bid Delivery: Delivery after receipt of order (# of calendar days): _____ DAYS

4.1.3. TERM AND SUPPLY: Pricing or discount structure shall be firm through February 28, 2018. Bidder may offer a firm, fixed price and/or a discount from list. See section 2.3.4. of bid.

Item	Description	Discount	Unit Price	Stocking
a.	Item #2.2.1 VHF nominal 2dbi gain antenna			
b.	Item #2.2.2 VHF nominal 6dbi gain antenna			
c.	Item #2.2.3. 800 MHz nominal 11dbi gain antenna			
d.	Antenna similar to Item #2.2.1. VHF but nominal 8dbi gain antenna			
e.	Antenna similar to Item #2.2.3. 800 MHz but nominal 9dbi gain antenna			
f.	Antenna similar to Item #2.2.2. VHF but exposed dipole and nominal dual 5dbi gain			

4.1.4. Term and Supply Equipment Delivery: Delivery after receipt of order (# of calendar days): _____ DAYS

4.1.5. Percent Discount from List for any other equipment ordered that is not detailed within for the Term and Supply contract period: _____%.

4.1.6. Percent Discount from List and/or Specific Unit Pricing for any other equipment ordered that is not detailed within: _____%.

4.1.7. Describe Any Deviations from specifications:

4.1.8. Describe or Attach Warranty for antennas:



Boone County Purchasing
613 E. Ash, Room 110
Columbia, MO 65201

Standard Terms and Conditions

Melinda Bobbitt, CPPO, CPPB, Director or Purchasing
Phone: (573) 886-4391 – 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.
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 110
Columbia, MO 65201

Melinda Bobbitt, Director of Purchasing
(573) 886-4391 – 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: 09-14FEB17 – Antenna/Feedline Equipment

Business Name: _____

Address: _____

Telephone: _____

Contact: _____

Date: _____

Reason(s) for not bidding:

