



**Request for Bid (RFB)**

**Boone County Purchasing**

601 E. Walnut, Room 208

Columbia, MO 65201

Phone: (573) 886-4391

Fax: (573) 886-4390

**Melinda Bobbitt, CPPB, Director of Purchasing**

Email: [mbobbitt@boonecountymo.org](mailto:mbobbitt@boonecountymo.org)

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**Bid Data**

Bid Number: **69-05NOV09**

Commodity Title: **Self Propelled Chip Spreader**

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

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**Bid Submission Deadline, Due Date, Bid Opening**

Day / Date: November 5, 2009

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> St. and Walnut St. Enter the building from the East Side. Wheel chair accessible entrance is available on the West side of the building.

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**Note**

Due to the short time frame, bid responses will be accepted by fax, e-mail or U.S. Mail. Please call Melinda Bobbitt to ensure receipt of your bid after faxing or e-mailing by calling (573) 886-4391.

**Fax: (573) 886-4390**

**E-Mail: [mbobbitt@boonecountymo.org](mailto:mbobbitt@boonecountymo.org)**

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**Bid Contents**

- 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**

**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 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/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. An "Invitation For Bid" is used when the need is well defined. An "Invitation 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, 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**

- 2.1. **ITEMS TO BE PROVIDED** - For the Furnishing and Delivery of a New or Used Self Propelled Etnyre Chip Spreader; Used units to have less than 500 hours and are less than 2 years old.
- 2.2. **ACCEPTABLE MODELS** – Etnyre or equal
- 2.2.1. **Quantity – One (1)**
- 2.3. **MINIMUM TECHNICAL SPECIFICATIONS**
- 2.3.1. **General:** Unit shall be a Hydrostatically Driven, Self-Propelled Chipspreader. Materials listed shall be the least minimum standard as specified and of a quality used commercially, conforming to current engineering and manufacturing practices. The Chipspreader shall be a current model under standard production by the manufacturer, with not less then two years of production and field use. The Hydrostatically Drive Chipspreader shall have the capability, while operating, to tow a 56,000 pound GVW loaded dump truck up at least an 18% grade. Successful bidder shall maintain a representative inventory of replacement parts and service facilities for servicing the equipment within 100 miles of the purchaser’s main equipment yard.
- 2.3.2. **Function:** The self-propelled 4 Wheel Drive Chipspreader shall be designed and constructed to supply a uniformly distributed application of cover and seal coat aggregates over a width ranging from 11 or 12 ft. to 22 or 24 ft. in increments. The overall length shall be not more then 25 ft. 6 in. and transport width of less than 12 feet.
- 2.3.3. **Power Train Engine:** Shall have a 6 cylinder turbo-charged diesel engine with a minimum rating of 240 horsepower and to include electric start, alternator, voltage regulator and 1400 cca 12 volt batteries. Engine shall have dry type air cleaner, disposable element type oil filter, heavy-duty cooling , electric throttle actuator. Engine shall have high water temperature / low oil pressure warning system and meet all E.P.A. Tier III requirements. Fuel capacity approximately 82 gallons.
- 2.3.4. **Four Wheel Hydrostatic Drive:** Four wheel hydrostatic drive providing infinitely variable forward and reverse speeds from 0 to no less than 19 mph. The front and rear drives shall be driven by 160 cc variable displacement hydraulic motors through a differential and planetary drive wheel ends. Total wheelbase shall be not more than 135 inches.
- 2.3.5. **Transmission:** Electronically controlled variable hydrostatic 125 cc pump driven by direct engine bell housing mount, electronically controlled variable hydrostatic motors directly coupled to the front and rear axles. Infinite working speed range 0 to 19 M.P.H. Engine fan cooled oil cooler with total return flow capacity. Hydraulic reservoir minimum capacity to be 95 gallons.
- 2.3.6. **Tires and Wheels:** 4 each 385/65R22.5-G tubeless, radial, wide base tires mounted on heavy duty steel disc wheels.
- 2.3.7. **Operator’s Station:** One control console station which can be manually moved from side to side for total operational control from either side of the chipspreader. Joystick to control forward/reverse and rate of speed. Instruments panel shall have digital display for application rate, product size, speed, oil pressure, coolant temperature, battery voltage, hydraulic oil temperature, percent of fuel remaining, engine hours and engine RPM’s. All engine and hydraulic alarm system with lights and buzzer shall be included. Shall include a lockable control panel cover for vandal protection and one adjustable suspension seat with armrests and mounted umbrella.
- 2.3.8. **Steering:** Full hydrostatic power steering from 1.22 cc fixed displacement gear pump, with dedicated flow independent of engine speed. Turning radius shall be approximately 17 feet.
- 2.3.9. **Conveyors:** Must have two independently activated conveyors with 24 inch wide belts. Each powered by a load sensing 74 cc variable displacement pressure compensated hydraulic pump and a high torque 14.8 C.I.R. hydraulic motor, with direct drive to the head pulley. Electric switches for each conveyor control to have easy access mechanical override. Hooded, aggregate deflectors to be located at the head of each conveyor. 24 degree troughing idlers are to be of quick removable type and the tail pulley to be adjustable for insuring proper belt alignment. Each belt to have automatic on/off controls to control aggregate level in the spread hopper. There shall be an override control to enable the operator to manually start or stop the conveyors as needed.

**2. Primary Specifications (cont.)**

- 2.3.10. **Variable Width Spread Hopper:** Shall be 11 or 12 feet to 22 or 24 feet variable width, two section hopper system. Hoppers shall be capable of varying the spreading width on the run. No bolt-on sections excepted. Each hopper shall include hydraulic driven augers and spread rollers. Spread rolls to be no less than 6" in diameter and constructed of heavy wall tubing. Spread rolls shall be hydraulically driven and actuated by power gate opening control. The hydraulic system to have all pumps, hoses, valves, cylinders and controls to operate system. Operating controls shall be capable of being located at both the driver and front co-operator stations. The hoppers shall have expandable metal in the top of each hopper with replacement grates under the conveyor hoods. Also to include, individual electric / air controlled one foot gates, to allow aggregate spreading in one foot increments across the variable width hopper by individual gate controls which can be open/close from the operator's station.
- 2.3.11. **Brakes:** Mechanical axles front and rear having hydraulic internal drum brakes controlled by pressing down on the foot pedal actuator. Also to include a spring applied, hydraulic release fail safe parking brake in the driveline that automatically applies if hydraulic or electrical power is lost.
- 2.3.12. **Truck Hitch:** This unit shall be equipped with a positive, self-locking "railroad" type adjustable truck hitch, which can be electrically released from the drivers or front operators positions. Hitch height to be electrically controlled from the drivers position. Adjustment range 8" to 20" in height and 4" fore and aft.
- 2.3.13. **Application Rate Computer:** The Application Rate Computer shall monitor the actual speed of the Chipspreader, and varies gate opening in order to maintain the set application rate in lbs/yd, of the selected aggregate, regardless of the speed of the unit. The computer shall be able to store five different aggregate / application rate setting in it's memory. The application rate should be able to vary as desired while operating or to select a different pre-set combination at any time.
- 2.3.14. **Receiving Hopper:** Hopper shall be a minimum of 132 inches wide with a capacity of approximately 4 cubic yards. Hopper to have hydraulically folding paver style wings controlled from the operator's station. Shall include heavy duty hopper skirting and an adjustable flow gate for each conveyer belt.
- 2.3.15. **Miscellaneous:** This unit is to have headlights, LED stop and tail lights and turn signals with flashers switch. Unit also to have front fender on each side. An electric horn and electric back-up warning alarm is to be furnished. Must include an engine warning system. The paint is to be standard highway yellow. The unit to have one full length walkway with skid resistant surface adjacent to one side of the conveyor system. A steel lockable toolbox shall be mounted under the main deck. Two sets of Parts and Operators Manuals. Warranty for a period of 12 months from the date placed in service.
- 2.3.16. **Vendor Service/Repair Facilities:** Because the maintenance and repair of this type equipment is complex and due to the critical nature of our operation, repair parts and service must be adequately and readily available. The vendor shall certify that they maintain an adequate stock of repair parts and service items **within** the area and employs qualified service and repair technicians **within 125 miles** and available within 2 hours. **The vendor shall state in the returned bid the location of the service and repair facility, parts depot, and credentials of the service and repair person(s).**
- 2.3.17. **Warranty:** Vendor to provide basic warranty for new unit or provide any remaining warranty for a used unit. Vendor will include warranty descriptions per machine submitted on the Bid Response sheet. Vendor shall also include information on any extended warranties available.

**2. *Primary Specifications (cont.)***

- 2.4. **Designee** – Boone County Public Works
- 2.4.1. **Contact** – Melinda Bobbitt, CPPB, Director of Purchasing, Boone County Purchasing Department  
601 E. Walnut, Room 208, Columbia, MO 65201. Telephone: (573) 886-4391 Facsimile: (573)  
886-4390
- 2.5. **Delivery:** Units shall be delivered with Bill of Sale and Manufacturer’s Statement of Origin.
- 2.5.1. **Delivery Terms:** FOB- Destination. Boone County Public Works Department, Maintenance  
Operations, 5551 Highway 63 South, Columbia, MO 65201
- 2.6. **ADDITIONAL TERMS AND CONDITIONS:**
- 2.6.1. Equipment shall be properly serviced, including grease and oil to the proper levels.
- 2.6.2. Bidder should include product literature for each proposed piece of equipment.
- 2.6.3. Bid evaluation will be based on quality, reliability, delivery time after receipt of order, and cost.  
Quality and reliability may be determined by using information contained in product reviews from  
established publications and demonstration of machine. Availability of parts, speed of service, and  
location of service/warranty work will weigh into consideration of award.

**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 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 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. **Advice of Award** - If you wish to be advised of the outcome of this Bid, the results may be viewed on our web page [www.showmeboone.com](http://www.showmeboone.com).
- 3.3. **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.
- 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 County use.
- 3.5.3. **Endurance of Pricing** – Bidder's pricing must be held until contract execution or 60 days, whichever comes first.

4. Response Form

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

- 4.6.1.  Corporation
- Partnership - Name \_\_\_\_\_
- Individual/Proprietorship - Individual Name \_\_\_\_\_
- Other (Specify) \_\_\_\_\_

4.7. PRICING	Unit Price	Qty	Extended Price
4.7.1. Proposed unit #1	\$ _____	1	\$ _____
Proposed unit #2	\$ _____	1	\$ _____
Proposed unit #3	\$ _____	1	\$ _____
Proposed unit #4	\$ _____	1	\$ _____

\*\* Bidder to include additional sheets if more units are proposed.

- 4.8. Describe warranties for each item on separate page. Attach any extended warranty information and costs.
- 4.9. Cash Discount \_\_\_\_\_ net \_\_\_\_\_ days
- 4.10. Delivery ARO: \_\_\_\_\_
- 4.11. 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

4.12. **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.

4.12.1. Authorized Representative (Sign By Hand): \_\_\_\_\_ Date: \_\_\_\_\_

Print Name and Title of Authorized Representative

\_\_\_\_\_





*Standard Terms and Conditions*

**Boone County Purchasing**

601 E. Walnut, Room 208

Columbia, MO 65201

Phone: (573) 886-4391

Melinda Bobbitt, CPPB, Director of Purchasing

1. Responses shall include all charges for packing, delivery, installation, etc., (unless otherwise specified) to the Boone County Department identified in the Request for Quotation 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 quotation 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. 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  
Phone: (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: 69-05NOV09 – Self Propelled Chip Spreader**

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

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

\_\_\_\_\_

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

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

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

Reason(s) for Not Bidding:

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