



Request For Bid (RFB)

Boone County Purchasing
601 E. Walnut, Room 209
Columbia, MO 65201

Heather Turner, Buyer
573/886-4392 - FAX 573/886-4390
Email: hturner@boonecountymo.org

Bid Data

Bid Number: **62-24AUG06**
Commodity Title: **Wheel Loader**

DIRECT BID FORMAT OR SUBMISSION QUESTIONS TO THE PURCHASING DEPARTMENT

Bid Submission Address and Deadline

Day / Date: **THURSDAY, AUGUST 24, 2006**
Time: **10:30 AM (Bids received after this time will be returned unopened)**
Location / Mail Address: **Boone County Purchasing Department
Boone County Johnson Building
601 E. Walnut, Room 209
Columbia, MO 65201**

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

Bid Opening

Day / Date: **THURSDAY, AUGUST 24, 2006**
Time: **10:30 AM**
Location / Address: **Boone County Johnson Building Conference Room
601 E. Walnut, Room 213
Columbia, MO 65201**

Bid Contents

- 1.0: Introduction and General Terms and Conditions of Bidding**
- 2.0: Primary Specifications**
- 3.0: Response Presentation and Review**
- 4.0: Response Form
Standard Terms and Conditions
"No Bid" 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 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. The County reserves the right to compare the lowest bid received with the current State contract pricing, and award in the best interest of 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** – Boone County, hereafter referred to as “County”, proposes to contract with an individual(s) or organization(s), hereinafter referred to as “Contractor” for a contract for the furnishing and delivery of a new 2006 or Current Model Year Wheel Loader with all manufacturer’s standard equipment and those features as outlined below. Note: Low hour (500 hours or less) demonstration or rental units may also be considered.
- 2.2. **ACCEPTABLE MODELS** – Cat 924G, Case 521D, John Deere 444J, JCB 416HT, or other comparable machines.
- 2.2.1. **Quantity – 1 Note: Vendor will be bidding on one (1) Wheel Loader.**
- 2.3. **MINIMUM TECHNICAL SPECIFICATIONS**
- 2.3.1. **Operating Weight:** A minimum of 20,402 lb. and heaviest configuration shall not exceed 25,096 lbs. Including 2.0-2.3 yd³ bucket, ROPS/FOPS enclosed cab, and counter weight(s).
- 2.3.2. **Engine:** Turbo-charged diesel type, four (4) stroke, four (4) cylinder or better, direct injection with replaceable flanged press-fit, dry type cylinder liners and fully equipped with all operating accessories. Engine shall meet EPA Tier II non-road emissions regulations. The turbocharged engine SAE net flywheel horsepower shall be a minimum of 110 hp. The standard engine shall be equipped with a fan, replaceable air cleaner and pre-cleaner with air service indicator, water pump, lubricating oil pump with full flow spin-on type oil filter, fuel pump with water/sediment bowl and spin-on type replaceable filter, hand and foot throttle controls, muffler and 70 amp minimum alternator. The engine shall be equipped with key start/stop system, engine enclosure, grill, and tilt type hood and a 24-volt direct electric starting and charging system. The starting system shall be equipped with two (2) 12-volt maintenance-free batteries and protective cover, 750 CCA minimum, and have electric ether aid for cold weather starting and a 110-volt engine block heater. Standard fuel tank capacity of not less than 36 gallons (over 50 gallons preferred).
- 2.3.3. **Transmission:** Fully synchronized, power-shuttle, torque converter driven transmission with spin-on type oil filter and a minimum of Four (4) Forward and Three (3) Reverse shuttle clutches/gears. Unit shall be able to change direction and travel speed “on-the-go”. Unit shall have a high gear forward speed of no less than 20 mph. Unit shall be equipped with an electronic transmission disconnect to maintain engine and hydraulic speed when dumping into trucks. Transmission shall have a single, vertically mounted, spin-on type oil filter. Transmission cooler shall have a heavy-duty guard to resist continued impact at low speeds. Transmission, differentials and hydraulics shall have separate fluid reservoirs.
- 2.3.4. **Axles (Front and Rear):** Front Axle shall be fixed and Rear Axle shall be oscillating type. Front tires shall ride inside loader bucket cutting width. Front axle shall have a minimum static load rating of 25,000 lb. Heavy-duty Planetary Drive rear axle shall have differential lock with “on-the-go” engagement and semi-floating with self-adjusting inboard brakes. Unit shall be equipped with transport tie-downs and optimum number of counterweight(s) that ensure for exact balance of machine.
- 2.3.5. **Brakes:** Brakes shall be inboard oil-immersed and completely enclosed and sealed, fully self-adjusting. Foot-operated dual brake pedals shall be able to be interlocked for road travel. Parking/secondary brakes shall be independent of the service brake.
- 2.3.6. **Steering:** Hydrostatic power.
- 2.3.7. **Hydraulic System:** Minimum of 35 gpm @ 2000 rpm variable displacement pump for loader functions with pressure-controlled, load sensing, capable of reaching maximum lift capacity at any engine speed. Maximum hydraulic pump pressure shall be at least 2750 psi for loader and equipped with spin-on replaceable filter, high-pressure hoses and fittings and heavy-duty oil cooler.
- 2.3.8. **Operator’s Station:** Walk-through, OSHA approved, 72dB(A) sound suppressed, ROPS/FOPS cab with an interior package from manufacturer’s standard cab. Cab shall include factory-installed heater/defroster and multiple speed blower with the control in easy reach by the operator from the front and rear of the machine. Unit shall have manufacturer’s standard A/C for the machine (unit cannot be an “aftermarket” type). Cab shall be equipped with two (2) doors and a minimum of two (2) opening windows with inside release latches and rubber floor mat. Machine shall have a lighted console/instrument panel located so that it is visible from operating position. Instruments shall include tachometer, fuel gauge, transmission/converter oil temperature gauge and coolant temperature gauge. Machine shall come standard with all indicators for air cleaner service, brake on, engine coolant, hydraulic oil level sight gauge and engine oil pressure, as well as, engine and electrical system warning lights to signal operator of a machine malfunction. Machine shall come standard with horn, audible backup alarm and electric fuel shut off. Operator’s compartment shall come equipped with a standard air ride suspension seat with armrests and adjustable in the fore/aft position on a sliding track mechanism (if applicable). Cab shall be equipped with front and rear windshield wipers and washers, adjustable tilt steering wheel/console, hour meter, interior cab light(s), cup holder,

convex wide-view interior rear-view mirror, toolbox, sun visor, retractable 3 inch wide seat belt, factory tinted glass on all windows, One (1) auxiliary 30-amp 12-volt power outlet, and AM/FM electronic stereo radio with antenna and stereo speakers. Unit shall be painted standard factory color. Unit shall be equipped with vandalism protection.

- 2.3.9. **Lighting Systems:** Machine shall include two (2) front and two (2) rear flood lights actuated by separate switches in addition to two (2) halogen head lights. Machine shall have two (2) stop and two (2) turn signal lights with flashing hazard lamps visible from front and rear. Cab shield shall be installed with four (4) 12-volt front (2) and rear (2) mounted Peterson 420SA-1 oval amber LED sealed strobe lighting with independent flash pattern, includes installation, all switches, wiring and hardware. Note: lights may be installed in sealed boxes if there is no room in the canopy.
- 2.3.10. **Overall Operating Specification/Dimensions:** Minimum wheelbase of 82.7 in. Unit shall have a maximum overall transport length of 23 ft. 7 in. and a maximum overall transport height of 11 ft. 9 in.
- 2.3.11. **Loader (Single Tilt):** Loader bucket shall be a heavy-duty multi-purpose with a minimum SAE heaped capacity of 2.00 cu. yd. Loader control valve must be equipped with return-to-dig and float positions. Loader shall have positive down pressure sufficient to lift tractor front end off level ground, loaded or unloaded. Loader break out force shall be no less than 20,000 lbs. Loader shall have a lift capacity to full height of no less than 12,000 lb. Loader shall have sufficient reach forward of radiator guard for a minimum dump clearance of no less than 8 ft. 2 in. with loader bucket at maximum tilt angle. Bucket shall be self-leveling and equipped with a bucket position indicator, skid plates, and lift eyes. Bucket rollback at ground shall be a minimum of 40 degrees.
- 2.3.12. **Controls:** Single lever controls for bucket raise and tilt functions. An auxiliary control shall be included near or on the bucket lever to operate remote transmission functions.
- 2.3.13. **Tires/Wheels:** Standard tire size: 17.5-25, radial (L-3 tread design)
- 2.3.14. **Manuals/Videos:** Operator's manual, safety and operation video, parts book(s) and service/repair manual(s) shall be furnished with the machine upon delivery. Manual(s) may be in the form of CD's or DVD's.
- 2.3.15. **Equipment Training:** The successful vendor agrees to provide an appropriate on-site machine operation and preventative maintenance training program for a maximum of two (2) county operators and two (2) county equipment technicians in sufficient scope as to assure efficient and economical performances and maintenance of the equipment as purchased.
- 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 he/she maintains an adequate stock of repair parts and service items within the area and employs qualified service and repair technicians within the area, available within 12 hours. The vendor should state in the returned bid response the location of the service and repair facility, parts depot, and credentials of the service and repair person(s).
- 2.3.17. **Demonstration:** Prior to awarding the bid, vendor(s) may be requested to demonstrate equipment on-site at the Boone County Public Works Department to determine the most feasible and suitable machine for the operation. Evaluation will be based upon engine power and performance, loader hydraulic system performance and production, fuel consumption, loader breakout force and lift capacity, operator cab configuration, comfort, conveniences, operator visibility 360 degrees, and ease of maintenance and repair, as well as, scheduled preventative maintenance costs.
- 2.3.18. **Deviation(s):** Any deviation(s) to the above specification(s) shall be listed on a separate sheet(s) of paper and attached to the response form stating section number, component(s) with deviation(s) and a clearly defined explanation for deviation(s).
- 2.3.19. **Warranty:** Vendor shall include information on factory standard warranty in addition to a schedule of all extended warranties offered for the unit.
- 2.3.20. **Trade-in Unit:** Vendor will provide a price for a trade unit as described in the Bid Response Section. The County, at its discretion, may decide **NOT** to trade in the unit.
- 2.3.21. **Designee** – Boone County Public Works
- 2.3.22. **Contact** – Heather Turner, Boone County Purchasing Department 601 E. Walnut, Room 209, Columbia, MO 65201. Telephone: 573-886-4392 Facsimile: 573-886-4390 Email: hturner@boonecountymmo.org
- 2.3.23. **Delivery:** Units shall be delivered with Bill of Sale and Manufacturer's Statement of Origin. The unit shall be assigned to Boone County Public Works, 601 E. Walnut, Room 208, Columbia, MO 65201.
- 2.3.24. **Delivery Terms:** FOB Boone County Public Works Department, Maintenance Operations, 5551 Highway 63 South, Columbia, MO 65201
- 2.4. **ADDITIONAL TERMS AND CONDITIONS:**
- 2.4.1. Equipment shall be properly serviced, including grease and oil to the proper levels.

- 2.4.2. Vendor to include product literature for each proposed piece of equipment.
- 2.4.3. Bid evaluation will be based on quality, reliability, delivery time ARO, and cost. Quality and reliability may be determined by using information contained in product reviews from established publications and demonstration of machine.

2.5. **BID SUBMISSION REQUIREMENTS**

- 2.5.1. The bidder should include the following with their bid submittal:
 - 2.5.1.1. Year, make, and model of proposed unit,
 - 2.5.1.2. Hours on the unit,
 - 2.5.1.3. General condition (engine, tires-% wear, body, etc.),
 - 2.5.1.4. Service history on proposed unit,
 - 2.5.1.5. Detailed brochures with specifications on the proposed unit,
 - 2.5.1.6. Describe the nearest authorized service and repair facility as well as the nearest parts depot and supply a contact name, location, and telephone number,
 - 2.5.1.7. Credentials of the repair personnel,
 - 2.5.1.8. State details for any factory/dealer warranty for the proposed unit,
 - 2.5.1.9. Describe warranty on parts and labor, and
 - 2.5.1.10. Describe any extended warranty available after original warranty has expired. **Include terms and pricing** in the bid response.

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 also be viewed on our web page 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 informalties 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. E-Mail Address: _____
- 4.7. Federal Tax ID: _____

- 4.7.1. Corporation
- Partnership - Name _____
- Individual/Proprietorship - Individual Name _____
- Other (Specify) _____

4.8. **PRICING**

	<u>Unit Price</u>	<u>Qty</u>	<u>Extended Price</u>
4.8.1. Wheel Loader as per Section 2	\$ _____	1	\$ _____
4.9. Cash Discount	\$ _____ net _____ days		
4.10. Optional: Trade In 1996 Komatsu WA120-1 Loader (incl. Forks) with approximately 2100 hours			(\$ _____)
4.11. GRAND TOTAL (4.8.1. – 4.9. – 4.10.)			\$ _____

NOTE: INCLUDE ALL BID SUBMISSION ITEMS LISTED IN SECTION 2.5. WITH THE BID RESPONSE

4.13. **Describe Warranty Features:**

4.14. **Describe Any Deviations**

4.15. **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.**

4.15.1. Authorized Representative (Sign By Hand):

_____ Date: _____

4.15.2. Print Name and Title of Authorized Representative

4.16. 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

4.17. Delivery ARO: _____



Standard Terms and Conditions

Boone County Purchasing
601 E. Walnut, Room 209
Columbia, MO 65201

Heather Turner, Buyer
573/886-4392 - FAX 573/886-4390

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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. 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.
 13. 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.

**Boone County Purchasing
Heather Turner
Senior Buyer**



601 E. Walnut-Room 209
Columbia, MO 65201
Phone: (573) 886-4392
Fax: (573) 886-4390

“NO BID” RESPONSE FORM

NOTE: COMPLETE AND RETURN THIS FORM ONLY IF YOU DO NOT WISH 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. The reverse side of the form is pre-addressed, so that it can be folded in thirds, sealed with tape, and mailed. *If you would like to FAX this “No Bid” Response Form to our office, the FAX number is (573) 886-4390.*

If you have questions, please call the Purchasing Office at (573) 886-4392. Thank you for your cooperation.

Bid Number 62-24AUG06

(Business Name)

(Date)

(Address/P.O. Box)

(Telephone)

(City, State, Zip)

(Contact)

REASON(S) FOR NOT SUBMITTING A BID: