



Request For Bid (RFB)

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

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Bid Data

Bid Number: **24-17MAR05**
Commodity Title: **Tandem Axle Truck-Oil Distributor**

DIRECT BID FORMAT OR SUBMISSION QUESTIONS TO THE PURCHASING DEPARTMENT

Bid Submission Address and Deadline

Day / Date: **THURSDAY, MARCH 17, 2005**
Time: **10:25 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, MARCH 17, 2005**
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 of a new 2005 Model Year Tandem Axle 6 x 4 Truck with 3,500 Gallon Bituminous Distributor as detailed in the following specifications.
 - 2.1.1. **Quantity – 1 Note: Vendor will be bidding on one (1) complete system.**
 - 2.2. **GENERAL REQUIREMENTS**
 - 2.2.1. It is the intent of these specifications to describe a bituminous distributor in sufficient detail to secure competitive bids on comparable equipment. All units considered shall be designed and constructed for performance, durability, dependability, and safety.
 - 2.2.2. Equipment shall be bid as a complete package and prepared for use with turnkey operation prior to delivery. Equipment shall be new, current year manufacture of latest design and production that conforms in strength, quality of material, and workmanship equal to equipment that is usually provided to the trade in general.
 - 2.2.3. All items bid shall include installation unless otherwise specified.
 - 2.2.4. The unit(s) shall include all inspection coupons, certifications, or warranty identification cards furnished in accordance with standard warranty policies.
 - 2.3. **BITUMINOUS DISTRIBUTOR FUNCTION**
 - 2.3.1. Fill tank by distributor pump from outside source.
 - 2.3.2. Circulate material in tank.
 - 2.3.3. Circulate material in spray bar.
 - 2.3.4. Spray at a constant desired application rate, regardless of variance in truck speed.
 - 2.3.5. Return material in spray bar to tank by pump suction.
 - 2.3.6. Hand-spray.
 - 2.3.7. Return material in hand spray to tank by pump suction.
 - 2.3.8. Transfer from an outside source to another outside source without having material enter distributor tank.
 - 2.3.9. Pump material back to supply source.
 - 2.3.10. Automatically go from circulate in spray bar to spray mode and return to circulate without pushing material over relief valve.
 - 2.3.11. It is important that the distributor be capable of returning all material in the spray bar, hand-spray, and distributing lines to the distributor tank by means of pump suction. This function is to be accomplished without reversing the asphalt pump.
 - 2.3.12. Unit shall use volumetric metering with no bypass when spraying to insure accuracy of application.
 - 2.3.13. Provision shall be made for easily draining the circulating system independently of the tank and for flushing circulating system and pump with not more than three (3) quarts of fuel oil so as not to dilute tank contents.
 - 2.4. **TANK AND FITTINGS**
 - 2.4.1. **Capacity:** 3500 U.S. Gallons minimum.
 - 2.4.2. **Shape:** Oval in cross section, with the long axis horizontal.
 - 2.4.3. **Material:** Shell to be 10 gauge steel. Tanks to have 10 gauge steel heads, deep dished and flanged, welded to tank shell both inside and outside for strength and durability.
 - 2.4.4. **Surge Plate:** Tank to be supported with full section surge plate, deep dished and flanged, constructed of 10 gauge steel. To be spaced to provide adequate tank strength and proper surge control. Openings shall be provided in the surge plates for the free flow of material to the pump and large enough for an average size man to crawl through.
 - 2.4.5. **Manhole:** 20” inside diameter manhole with quick-opening cover.
 - 2.4.6. **Overflow:** 3” diameter overflow, extending at least 6 inches above liquid, and draining internally only through the bottom of the tank in such a location as to clear all chassis members. Tank overflow design that drains asphalt material into the spill collar around manhole is not acceptable.
 - 2.4.7. **Insulation:** 2” fiberglass 1 lb. density with spacers to prevent compression, protected by aluminum jacket sheet (.040”).
 - 2.4.8. **Tank mounting:** mounting saddles shall be full bolster style, includes aluminum fenders.
 - 2.4.9. **Tank gauge:** Float type, with dial calibrated in 100 gallon increments, both front and rear of tank.
 - 2.4.10. **Measuring stick:** Aluminum, calibrated in 50 gallon increments. To be designed and calibrated to read tank contents without dipping stick into material.
 - 2.4.11. Spillage collar and overflow drain, including refiners platform and ladder.

- 2.4.12. Tank design and construction to meet all applicable Federal Cargo Tank Regulations 49 CFR 173.247 and including DOT-406, HM-183, HM-198A, with consideration for hot asphalt products. Must have ASME tank approval number to assure that federal cargo tank regulations can be met.
- 2.5. **CENTRAL HYDRAULIC/POWER UNIT MINIMUM SPECIFICATIONS**
- 2.5.1. All items bid will include installation.
- 2.5.2. All electronic/electrical wiring shall be soldered, sealed with heat shrink tubing and placed in asphalt type looms. Component wiring connections shall be run to sealed junction box(s) to prevent corrosion and ease of repair. All electronic solenoids shall be protected from corrosion.
- 2.5.3. **Hydraulic Pump:** Infinitely variable displacement pump with a minimum displacement of 4.57 cubic inches per revolution, axial piston type. Electronic stoker control.
- 2.5.4. **Motor:** Piston motor with gearbox, 2.10 cubic inch per revolution displacement, direct coupled to the asphalt pump. Entire transmission unit shall be capable of operating speeds up to 2800 RPM. Hydraulic oil may reach temperatures up to 200 degrees without damage to the unit. Unit shall have internal valving, and shall be fitted with relief valve and high oil temperature signal in cab.
- 2.5.5. **Crankshaft Take-Off:** Hydrostatic pump driven by crankshaft take off; chassis must be equipped to accept crankshaft drive.
- 2.5.6. **Hydraulic Lines:** High pressure hose with swaged type split flange "O" ring fittings per S.A.E. standards. Low pressure hose installation shall be made according to transmission manufacturer's recommendations. Only top quality fittings, tubing, and hoses are to be used.
- 2.5.7. **Controls:** Electronic micro-control of hydrostatic transmission for setting asphalt pump discharge rate disconnecting the drive and be equipped with an override of the micro-control which shall allow increases in asphalt pump output for filling, sucking back, etc. without affecting application rate setting. Override control shall be located in truck cab and at rear of unit.
- 2.5.8. **Hydraulic Reservoir:** Reservoir shall be 20-gallon minimum capacity with the breather cap mounted to an inspection lid. Inspection lid shall also provide for an in-tank mounted return line filter. Breather cap fill neck must be screened. Tank shall have a level indicator and dial thermometer.
- 2.5.9. **Hydraulic Return Filter:** Filter shall be top tank mounted type 10 microns with a replaceable cartridge style element. A vacuum gauge shall be located in the line between the oil reservoir and hydrostatic pump.
- 2.6. **BITUMEN PUMP**
- 2.6.1. **Type:** Positive displacement rotary gear type, 4-1/2" suction x 4" discharge.
- 2.6.2. **Location:** To be located below the bottom level of the tank so that the material will flow vertically from the suction to the discharge insuring complete drainage when tank contents valve is closed.
- 2.6.3. **Capacity:** Minimum of 400 gallons per minute.
- 2.6.4. Self flushing line from fuel tank or hating system to fill line. Includes minimum 20 gallon capacity fuel tank with float level gauge. Located away from burners for safe operation.
- 2.6.5. Front Suction valve (in addition to rear) Electric/air cab control valve and line that allows asphalt pump to suck liquid from front of tank when going down hill, etc.
- 2.6.6. Included: Additional cone type strainer in fill line in front of asphalt pump strainer.
- 2.7. **HEATING SYSTEM**
- 2.7.1. Flues: Two (2) with (LPG) liquid petroleum gas burners, with minimum of 1,000,000 BTU per hour per burner capacity. With pressure regulator, valves, piping, and 52 gallon frame mounted tank to be furnished.
- 2.7.2. Large (4") dial type thermometer.
- 2.8. **SPRAY BAR**
- 2.8.1. Full circulating 16' in length, hinged to permit folding for traveling. Length of bar in folded position not to exceed 8'. Positive circulation from one end of the bar to the other end, regardless of bar length or asphalt pump rate.
- 2.8.2. Bar to consist of 8' center section with four (4) hydraulic folding wing sections. Folding joints to be located on each side of the bar so bar will fold per the following: 2'- 2'- 8'- 2'- 2' Bar will have hydraulic folding wings, raise and shift. These functions will be able to be preformed from the cab or the rear control box. Bar will be controlled from the cab with individual electric/air on-off for each foot.
- 2.8.3. Power bar latch with cab control to secure bar for transport.
- 2.8.4. Spray bar section storage box.
- 2.8.5. Provisions for later addition of bar extensions with 1' controls, per foot.
- 2.8.6. Electric-hydraulic spray bar shifting, lifting and wing folding, cab controlled.

- 2.8.7. Nozzles: to be spaced on 4" centers on spray bar and shall have an individual valve for each spray nozzle. Each nozzle valve to have a flip lever control so spray width can be adjusted, and allows individual valves to be disconnected without the use of tools or pulling pins. Right and left side wings (bar extensions) to relieve fore and aft. Pin replacement required when bar relieves.
- 2.8.8. Included: 48 extra nozzles, three (3) per foot of bar.
- 2.8.9. Bar to adjust for positive or negative crown and also adjustment for pitch of bar to aim nozzle valves rearward. Sections to be interchangeable, right or left side.

2.9. **AIR CONTROLS**

- 2.9.1. Driver operated cab control: Distributor shall be equipped with air controls. Air for the controls shall be obtained from the air system on the truck chassis. The distributor air system shall include it's own air reservoir (using of truck reservoir not acceptable) with check valve set at 80 pounds to prevent loss of air on truck chassis brakes in case lines are ruptured. System shall have it's own air line oiling device and controls shall be electric, located in cab convenient to operator.
- 2.9.2. Air and hydraulic solenoid valves: shall be mounted to be accessible and serviceable from the ground without climbing on the machine.

2.10. **CONTROLS/INSTRUMENTATION**

- 2.10.1. Computer with in-cab operator controls which include: a) Computer controlled switches for Five (5) minimum preset application rates. b) Distance/volume reset switch. c) Application rate adjustment switch. d) Display select switch.
- 2.10.2. In-cab instrumentation will include the following information on self-illuminated display(s): a) Truck travel speed feet/minute and/or meters/minute. b) Application rate in gallons/minute and/or liters/minute. c) Resettable distance sprayed in feet and/or meters. d) Resettable volume sprayed in gallons and/or liters. e) Low tank level warning. f) Warnings that travel speed and/or application rate is beyond system capability.
- 2.10.3. Radar type sensor to pickup ground speed.
- 2.10.4. Cab control of 4 way asphalt valve.
- 2.10.5. Liquid asphalt temperature digital readout in computer display window.

2.11. **TOOL BOX, FENDERS, MISCELLANEOUS**

- 2.11.1. Tool Box/Tools: All steel box with aluminum door of sufficient size to store all necessary tools shall be furnished at side of tank. Must have hinged door at side with flush-type lock. Door at top not acceptable. All necessary special tools for operation and maintenance of the distributor shall be provided.
- 2.11.2. Fenders: Full dual flanged fenders (.080 aluminum) with rubber flaps. Use of skirting and flaps as a substitute for fenders are not acceptable.
- 2.11.3. Power wash down system including electric fuel pump, 15' hose with gun.
- 2.11.4. Spray bar section storage box, capacity to store up to 4-2' bars and 4-1' bars.
- 2.11.5. Hand-spray hose reel, Three (3) extra nozzles for sprayer.
- 2.11.6. 3" cam locks on truck and on 12' x 3" rubber fill hose.
- 2.11.7. Turn Signals / hazard lighting: At rear of distributor installed. See truck specifications for hazard lighting.

2.12. **TANDEM AXLE TRUCK MINIMUM SPECIFICATIONS**

- 2.12.1. **Wheelbase:** selected 199 inch; 75-inch axle to frame, and 132 to 138-inch cab to axle length.
- 2.12.2. **Frame Rails:** Heat treated Alloy Steel (120,000 PSI Yield); 10.125" x 3.580" x 0.312"; 480.0" Maximum OAL.
Frame Reinforcement: Outer "C" Channel, Heat Treated Alloy Steel (120,000 PSI Yield); 10.813" x 3.892" x 0.312"; 480.0" Maximum OAL.
Frame Extension: Front Integral; 20" +/- In Front of Grill to allow for mounting of front hydraulic pump. Crankshaft must accept pump as specified.
- 2.12.3. **Tow Hook:** front, two (2), frame mounted.
- 2.12.4. **Bumper:** Standard full width, Aerodynamic, painted steel; 0.189" material thickness.
- 2.12.5. **Front Axle:** SFA (Set Forward Axle), Wide track, I-Beam type, 18,000 lb. minimum capacity.
- 2.12.6. **Front Shocks:** heavy-duty.
- 2.12.7. **Front Springs:** parabolic, taper leaf; 18,000 lb. minimum capacity.
- 2.12.8. **Front Spring Pins:** pins and rubber bushings, maintenance-free.
- 2.12.9. **Brake System:** Full vehicle wheel control system (4-channel). Rockwell air brakes, anti-locking (ABS), Q-plus linings; dual service brake system for straight truck applications. Air dryer with heater (Meritor – WABCO System Saver 1200), standard location. Gauge: air pressure, dual. Dust shields, front and rear brakes. Air compressor air supply line through air cleaner. Brake lines color-coded nylon. Haldex automatic slack adjusters in front and rear. Drain valve: twist type. Inversion valve with integral check valve. Front brakes: air cam, S-cam, 16.5.0" x 5.0"; includes 20 sq. in. MGM long stroke brake chambers. Rear brakes: air cam, S-cam, 16.5" x 7.0"; includes MGM

TR3030 long stroke brake chambers and heavy-duty spring actuated parking brake. Air compressor (Bendix Tu-Flo 550) 13.2 CFM minimum. Parking brake valve shall have color-coded knob located on instrument panel. Air pressure gauge shall have Air 1 and Air 2 Gauges located in instrument cluster.

- 2.12.10. **Steering:** double steering gear (Sheppard M-100); power steering able to handle axle ratios; includes 2-spoke steering wheel, 18" minimum diameter and tilt steering column.
- 2.12.11. **Exhaust:** Single, horizontal muffler, vertical tail pipe, stainless steel; frame mounted right side; includes tail pipe guard.
- 2.12.12. **Electrical System(s):** 12-Volt Standard equipment, heavy-duty wiring to rear of frame with stop, tail, turn and marker lights circuits, ignition controlled auxiliary feed and ground; chassis wiring color coded throughout; turn signal switch with hazard flasher overrides brake (to be done with programming system controller); includes extra heavy duty electronic turn signal flasher system(s) that will be capable of signal and hazard flashing up to 20 separate lamps with turn signal switch self-canceling with integral hazard switch and data link connector in cab for vehicle programming and diagnostics. Headlight dimmer switch integral with turn signal switch. Five (5) amber LED roof marker lights flush mounted on cab. Windshield wipers switch 2-speed integral with turn signal switch with mist wiper/washer and intermittent wiper feature. Windshield wipers single motor, electric, cowl mounted. Fuses and breakers: SAE blade type. Cigar type power source receptacle. Headlights: two (2) sealed beam. Jump-start stud. Parking lights integral with front turn signals and rear taillights. Stop, turn and dual rear combination with reflector backup lights. Starter switch electric key operated. Turn signals front flush mounted with reflectors and auxiliary "lolly-pop" style side turn signals. In-cab electrical junction box mounted on rear of cab wall. Data link connector in cab for vehicle programming and diagnostics. Electrical systems shall include heavy-duty wiring body builder's connections in back of cab at frame; includes sealed electrical wiring connectors for tail/amber turn, marker, back-up, accessory power, ground and sealed connector for stop/turn. Circuit breakers with manual reset (Main Panel). Factory installed multi-plex low resistance wiring to prevent current wave influx and magnetic resonance interference with auxiliary mounted controls. Shall include separate auxiliary factory installed low washer fluid warning indicator/alarm, and dash mounted electrical circuits for heated mirror and auxiliary work light; includes, wiring, switch and all necessary mounting hardware. Electrical disconnect front harness for guidepost lights with connectors located at headlight connection. Jump-start stud remote mounted. Power source, terminal type 2-post.
- 2.12.13. **Horn, Air:** electric single trumpet, air solenoid operated.
- 2.12.14. **Alternator:** (Delco 22-SI), 12-volt, 145 amp capacity minimum.
- 2.12.15. **Battery System:** maintenance free, two (2) Group 31, 1300 CCA minimum total. Battery box, steel and mounted on driver's side under cab with steps.
- 2.12.16. **Radio System:** AM/FM stereo with weather band, electronic tuning and clock; includes two (2) dual cone speakers.
- 2.12.17. **Front End:** Fiberglass, tilting, includes easy tilt hood and stationary grille.
- 2.12.18. **Torque Converter:** Application to match engine to automatic transmission mechanical ratios.
- 2.12.19. **Engine:** Diesel engine, electronic, wet-sleeved cylinders, high torque, 285 HP @ 2200 governed RPM, 800 lb.-ft. Torque @ 1200 RPM; includes #2 Bell Housing, electric engine shutdown, governor close regulated, starter motor, air cleaner restriction gauge, magnetic engine oil drain plug, spin-on type engine filter, spin-on water filter engine mounted, spin-on fuel filter engine mounted, hand operated diesel primer pump, fan drive with nylon fan, engine block heater 120-volt/1250 watt, air cleaner single element with in-cab control; hand throttle engine speed control for PTO with electronic mobile variable speed control mounted on steering wheel. Automatic On/Off Type Control, Fan Drive.
- 2.12.20. **Radiator:** cross-flow series system includes charge air cooler and de-aeration system with polypropylene tank and sight glass, premium *silicone* radiator and heater hoses.
- 2.12.21. **Transmission and Auxiliary Transmission:** heavy-duty automatic close ratio (Allison 3500-RDS-P wide ratio) programmed as 6-speed with push button shift control with double overdrive, PTO gear and less retarder. Auxiliary transmission – two speed drop box for application mode.
- 2.12.22. **Rear Axle, Tandem:** (Meritor RT-40-145) single reduction, 40,000-lb. minimum capacity with 200 wheel ends. Rear axle gear ratio of 6.43 shall be setup to maintain truck highway speed at 70 mph fully loaded; includes magnetic rear axle drain plug, variable-rate springs with 4,500 lb. Minimum capacity auxiliary springs. Electric over air operated power divider.
- 2.12.23. **Rear Suspension, Tandem:** (Hendrickson RT-403) Walking Beam Type 52" Axle Spacing; 40,000-lb. capacity with rubber center bushings.
- 2.12.24. **Fuel Tank:** One (1) single top draw; D-style, steel, 19" deep, 100 U.S. gallon minimum capacity with quick connect outlet and center and bottom steps, mounted on left side under cab. Fuel lines to be nylon tubing with o-ring snap on quick connect fittings at both ends.

- 2.12.25. **Cab, Cowl, Body:** Paint schematic: single color **RED**, design 100 AG; paint type, base coat/clear coat, 1-2 tone. Cab conventional steel, wide-body. Cab interior trim, standard. Arm rest on each door. Black rubber floor covering. Grab handle: two (2) each towel bar type. Anti-slip rubber for cab entry mounted left and right. Glass: all windows, tinted. Mirrors: (Lang Mekra) one (1) left side, rectangular, 7.09" x 15.75", brackets breakaway type with 102" wide spacing and with integral convex mirror heads and thermostatically controlled, bright finish head and bracket; one (1) right side power 4-way mirror. Gauge cluster: English with electronic engine oil pressure, fuel, water temperature, speedometer and tachometer for air brake chassis and voltmeter gauge. Must include odometer display to read miles, trip miles, and engine hours. Must include a visual and audible warning/alert system for low fuel, low oil pressure, high engine coolant temperature and low battery voltage. Seat for driver should be air suspension (National Series 2000), high-back with integral headrest, vinyl, isolated with two (2) position front cushion adjustment, -3 to 19 degree seat back adjustment and air lumbar support, includes 3-point seat belt, lap and shoulder belt type. Seat for passenger should be fixed, vinyl, standard (National) non-suspension, high-back with integral headrest and folding back; includes 3-point seat belt. Air conditioner with integral heater and defroster. Cab interior and trim: standard application with overhead console. Cab rear suspension, air bag type. Fenders shall have flare extensions.
- 2.12.26. **Wheels:** Front: disc; 22.5" painted steel, 10-stud hub-piloted, flanged nut, metric mount, 8.25 DC rims with steel hubs; painted white. Rear: dual disc; 22.5" painted steel, 10-stud hub-piloted, flanged nut, metric mount, 8.25 DC rims with steel hubs; painted white. Wheel seals in front and back include; oil-lubricated wheel bearings.
- 2.12.27. **Tires:** Rear: six (6), 11R22.5 XDE(Michelin), load range G, 14 ply. Front: two (2), 315/80R22.5 XZE(Michelin), load range G, 14 ply.
- 2.12.28. **Auxiliary Components:** All factory installed electrical wiring and connectors necessary for installation of Bituminous tank, spraybars, and controls.
- 2.12.29. **Mudflaps:** front, standard equipment.
- 2.12.30. **Warranty:** Base vehicle warranty, 24 Months/Unlimited miles. Engine extended service warranty, 150,000 miles or 5 years. Transmission warranty, 5 year unlimited miles. Frame rails, cowl and cab structure warranty against corrosion, 5 years unlimited miles.
Note: Successful vendor shall be responsible for transporting truck to and from their repair facility for warranty maintenance and repair; includes all applicable service and transport fees and/or charges.
- 2.12.31. **Manuals:** A service manual, parts manual, wiring diagram and bodybuilder's book for trucks, and line sheet of parts used to build the truck shall be included.
- 2.12.32. **Training:** Any training video's that apply to the truck shall be supplied (engine, transmission operation). Any CD's or DVD's used for engine, transmission, and ABS brake diagnosis shall be supplied.
- 2.12.33. **Warranty:** Bituminous distributor warranty will be standard manufacturers. Warranty information shall be included with the bid response. The warranty shall cover all items provided and/or installed to the dealer's truck chassis.
- 2.13. **DEVIATION(S)** - It is the bidder's responsibility to submit a bid that meets all mandatory specifications stated within. Because of the variations in manufacturer's construction as well as the complexity and number of required specifications, the bidder must compare their product bid with the required listed minimum specifications and identify any deviations. Failure to properly identify deviations may render the bidder's proposal non-responsive and not capable of consideration for award. Bidders should note that a descriptive brochure of the model bid may not be sufficient or acceptable as proper identification of deviations from the written specifications.
- 2.14. **DESIGNEE** – Boone County Public Works, Maintenance Operations Division, Greg Edington, Fleet Operations Superintendent.
- 2.14.1. **Contact** - Heather Turner, Buyer, 601 E. Walnut, Room 209, Columbia, MO 65201. Telephone (573) 886-4392 or Facsimile (573) 886-4390 or Email: hturner@boonecountymo.org
- 2.15. **DELIVERY** – Units shall be delivered with Bill of Sale and Title of Ownership.
- 2.15.1. **Delivery Terms:** FOB Destination – Boone County Public Works Department, Maintenance Operations Division, 5551 Highway 63 South, Columbia, MO 65201. Delivery shall be made FOB Destination with freight charges fully included and prepaid. The seller pays and bears the freight charges.
- 2.15.2. The County of Boone reserves the right to accept or reject any and all bids in the best interest of the County.
- 2.16. **ADDITIONAL TERMS AND CONDITIONS**
- 2.16.1. Equipment is to be properly serviced, including grease and oil to the proper levels.
- 2.16.2. Vendor to include product literature for the proposed vehicle.
- 2.16.3. 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.

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 informality 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

Price

4.7.1. 2005 Tandem Axle Bituminous Distributor
as Per Specifications

\$ _____

4.8. **Trade-In Vehicle** – 1990 International 2554 with 3500 gal Etnyre
Bituminous Distributor, 16’ Spraybar, VIN #1HTGCZ3RXLH211994

(\$ _____)

4.9. **GRAND TOTAL (minus trade-in)**

\$ _____

4.10. DESCRIBE ANY DEVIATIONS

4.11. DESCRIBE WARRANTY FEATURES OF ALL ITEMS

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.**

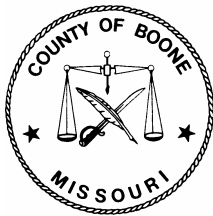
4.12.1. Authorized Representative (Sign By Hand):

_____ Date: _____
Print Name and Title of Authorized Representative

4.13. 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

4.14. 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

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
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 24-17MAR05

(Business Name)

(Date)

(Address/P.O. Box)

(Telephone)

(City, State, Zip)

(Contact)

REASON(S) FOR NOT SUBMITTING A BID:

(Fold Here Second – Then Seal With Tape)

Boone County Purchasing Department
601 E. Walnut Street, Room 209
Columbia, MO 65201-4460

Place
Stamp
Here

Boone County Purchasing Department
601 E. Walnut Street, Room 209
Columbia, MO 65201-4460

Bid Number: 24-17MAR05

Vendor Name: _____

(Fold Here First)