

SEBASTIAN COUNTY JUDGE
Purchasing Department
35 South 6th Street, Room 106
Fort Smith, Arkansas 72901
(479) 784-1502 Fax (479) 784-1550

March 13, 2013

NOTICE TO: Qualified Bidders

SUBJECT: Request for Proposal, Bid Number SC-1304

Sebastian County is interested in receiving sealed written proposals for furnishing the products/services specified in the attached Request for Proposal (RFP). Complete details regarding the products and/or services required by the County, and instructions for participating in the bid process, are included in the attached bid package.

Bids must be received by the time and date indicated in the RFP. Bids received after the time and date set for opening will not be considered.

Bidders who do not wish to submit bids must submit a "No Bid" to continue to be eligible for retention on the Bid List. The Bid List is periodically reviewed and bidders who have not responded to proposal requests are deleted.

If you are interested in submitting a bid, please be sure that the requirements of the RFP are completed since failure to meet the requirements could cause your bid to be rejected.

Any questions regarding the Bid Invitation should be directed to the Purchasing Department, (479) 784-1502.

J. Scott Stubblefield
Assistant Administrator Purchasing/Facilities
Sebastian County

Attachment: RFP

REQUEST FOR PROPOSAL

Sebastian County, Arkansas

COVER SHEET

SECTION I

BID NUMBER: SC-1304

TITLE: Road Department Vehicle: One (1) Oil Distributor Truck

OPENING: DATE: March 25, 2013
TIME: 2:00 P.M.
PLACE: Purchasing Department
35 South 6th Street, Room 106
Fort Smith, Arkansas

MAIL SEALED PROPOSALS TO: Sebastian County Purchasing Department
35 South 6th Street, Room 106
Fort Smith, Arkansas 72901

ON OUTSIDE OF PROPOSAL SHOW: (1) Return Address
(2) Bid Opening Date
(3) Bid Number and Title

BIDDER MUST COMPLETE THE FOLLOWING INFORMATION:

NAME OF BIDDER: _____

ADDRESS: _____

CITY/STATE/ZIP CODE: _____

TELEPHONE NUMBER: _____ FAX NUMBER: _____

INSTRUCTIONS:

- (1) Unit prices and extensions are required on proposal form
- (2) **Return three copies of entire Request for Proposal**
- (3) Proposals must be signed to be accepted
- (4) Any trade discounts should be deducted and net prices shown
- (5) Bidder must guarantee product(s) offered will meet or exceed specifications contained in this Request for Proposal
- (6) Bidding procedures will be in compliance with Arkansas Laws
- (7) **QUOTE:** F.O.B. destination
- (8) **TERMS:** Net 30 days

PROPOSAL FORM

BID NO. SC-1304

SECTION II

We, the undersigned, agree to furnish the products and/or services indicated below in accordance with the specifications and conditions contained herein, at the bid price shown.

It is expressly agreed and understood by and between the parties hereto, and is made a condition precedent to the entering into of any purchase agreement resulting from this invitation to bid, that the County Judge, Sebastian County, shall determine any and all questions or disputes which may arise concerning conformity to the specifications and conditions, and proposals; and the quantity, suitability, and acceptability of all items to be furnished hereunder, and his decision as to such matters shall be final, binding, and conclusive upon the parties hereto.

That this Request for Proposal and proposals submitted hereunder shall be governed by the laws of the State of Arkansas.

We, the undersigned, affirm that this proposal is made on behalf of the undersigned, and is made without collusion on the part of any person, firm or corporation; and that the conditions and other provisions have been carefully examined and are agreed to.

Description	Total Price
Oil Distributor Truck	\$ _____
Written Amount	\$ _____
Make: _____	Model: _____
Warranty: _____	Delivery: _____

Amounts shall be in both written form and figures. In case of a discrepancy between the written amount and the figures, the written amount will govern.

Per Statue 26-52-410 of the Arkansas Code, "No tax shall be levied or collected upon gross receipts derived from the sale of motor vehicles to municipalities and counties or to state-supported colleges and universities or to public school districts in this state".

Exceptions to specifications: NO _____ YES _____ (Attach itemized list)

From: _____ Signature: _____

Date: _____ Title: _____

GENERAL CONDITIONS

SECTION III

1. Bids must be received no later than the date and time set for bid opening. **Bids must be sealed.** Bids may be withdrawn, modified or corrected by the bidder after it has been submitted provided a written request to do so is filed with the County Judge prior to the time set for opening the bid. Telegrams or letters received prior to the time set for opening the bids will be accepted and attached to the unopened bid, and the bid will be considered withdrawn, modified, corrected, or otherwise changed accordingly. **NO BID MAY BE WITHDRAWN, MODIFIED, CORRECTED, OR OTHERWISE CHANGED AFTER THE TIME SET FOR OPENING THE BIDS.**
2. Specifications are designed to describe the type and quality of the product/services desired by the County. They are not intended to restrict bidding on any like product/service of equal or higher quality. Any exceptions to the specifications must be noted on a separate sheet by reference to the item number in the specifications where the exception is taken. If no exceptions are submitted with the Proposal, and accepted by the County, bidders will be expected to comply with the specifications. Products and/or services will be inspected for compliance prior to acceptance.
3. Prices quoted will be considered net prices unless otherwise stated by the bidder in the proposal. Bid prices must remain firm for 60 days unless otherwise stated in the specifications.
4. It shall be understood and agreed that any material or product purchased under this bid shall be new and in first class condition unless otherwise stated in or required by the bid invitation.
5. Bid bonds are not required unless specifically required by law or specified in the bid invitation.
6. **Bids must be signed to be accepted.** Signature must be that of the individual authorized to obligate the bidder who is submitting the bid or proposal.
7. The County is exempt from Federal Excise Taxes and such taxes shall not be included in the bid price. An exemption certificate will be furnished where required.
8. State and Local Sales Taxes shall be stated as a separate item and shall not be included in the bid price of the product/services being proposed. If no taxes are so stated, the County will assume that any taxes due have been included in the price quoted and no additional taxes will subsequently be added to the bid price. The County is Sales Tax Exempt on motor vehicle purchases.
9. **BIDS WILL BE EVALUATED BASED UPON COMPLIANCE WITH THE SPECIFICATIONS, BID PRICE, APPLICABILITY AND SUITABILITY OF THE PRODUCT/SERVICES BEING OFFERED, PRODUCT AND VENDOR RELIABILITY, WARRANTY, DELIVERY TIME, AND SUCH OTHER FACTORS DEEMED APPROPRIATE TO ASSURE THE COUNTY RECEIVES A QUALITY PRODUCT MOST ADVANTAGEOUS TO THE COUNTY.**
10. Assignment of any part or all of payments accruing under contracts or purchase agreements resulting from this Invitation to Bid will not be authorized. Payment shall only be made to the Contractor or vendor with whom the order is placed.
11. The County reserves the right to accept part or all of any specific bid or bids, and to accept any bid or bids with or without trade-in whichever is most advantageous to the County.
12. The Sebastian County Judge reserves the right to reject any or all bids/proposals, to accept any deemed most advantageous to the County, and to waive any formalities.

VEHICLE SPECIFICATIONS

1. All vehicles furnished to Sebastian County shall be new and delivered as specified in the Request for Proposal. Vehicles shall be furnished with all interior, exterior trim and appointments listed by the manufacturer in printed specifications and literature as standard equipment. Vehicles shall also be equipped with any and all safety equipment required by the State and applicable Federal Regulations. Any upgrades and/or additional equipment necessitated by selection of any listed option by the ordering entity shall be included in the prices bid, and no additional charge shall be made by the vendor.
2. It is the intent of these specifications to describe an Oil Distributor Truck in sufficient detail to secure bids on comparable equipment. All parts not specifically mentioned, which are necessary to provide a complete Distributor, shall be included in the bid and shall conform in strength and quality of material and workmanship to what is usually provided to the trade in general. The Distributor shall be a current model under standard production by the manufacturer.
3. Any units not conforming to these specifications will be rejected, and it will be the responsibility of the manufacturer to conform to the requirements unless deviations have been specifically cited by the bidder and acceptance made on the basis of the exception.
4. Warranty - From date of delivery, each vehicle shall be accompanied by a warranty for a minimum of thirty-six (36) months or thirty-six thousand (36,000) miles, whichever comes first. Warranty shall certify that the vehicle is of good material and workmanship and that the replacement of any part or parts that fail under normal use within the designated period, free of negligence or accident, will be promptly repaired or replaced at NO cost to the County.
5. Responsibility for Inspection - Unless otherwise specified, the successful bidder will be responsible for performing all inspections required herein. The County reserves the right to make any and all inspections deemed necessary to insure compliance with this specification.
6. Each vehicle shall be completely serviced, cleaned, and thoroughly inspected by the successful bidder just prior to delivery to the County. No dealer advertisement shall be on any vehicle purchased by the County.

FUNCTION

The Oil Distributor shall perform the following functions:

- a. Fill tank by Oil Distributor pump from outside source.
- b. Circulate material in tank.
- c. Circulate material in spray bar.
- d. Spray at a constant desired application rate, regardless of variance in truck speed.
- e. Return material in spray bar to tank by pump suction.
- f. Hand spray
- g. Return material in hand spray to tank by pump suction.
- h. Transfer from an outside source to another outside source without having material enter Distributor tank.
- i. Pump material back to supply source.
- j. Automatically go from Circulate in Spray Bar to spray mode and return to circulate without pushing material over relief valve.

It is important that the Oil 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.

Unit shall use volumetric metering with no bypass when spraying to insure accuracy of application.

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.

TANK AND FITTINGS

- a. Capacity 2000 U.S. Gallons minimum.
- b. Shape: Oval in Cross Section, with the long axis horizontal.
- c. 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.
- d. 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 a man to crawl through.
- e. Manhole: 20" inside diameter manhole with quick-opening cover.
- f. Overflow: 3" diameter overflow, extending at least 6 inches above the 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.

- g. Insulation: 2” fiberglass 1 lb. density with spacers to prevent compression, protected by aluminum jacket sheet (.040”).
- h. Tank Mounting: Mounting saddles shall be full bolster style. Includes aluminum fenders.
- i. Tank Gauge: Float type, with dial calibrated in 100 gallon increments, both front and rear of tank.
- j. Measuring Stick: Aluminum, calibrated in 50 gallon increments. To be designed and calibrated to read tank contents without dipping stick into material.
- k. Spillage collar and overflow drain, including refiners platform and ladder.
- l. 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.

POWER UNIT

- a. Hydrostatic transmission, consisting of:
 - 1. **Pump:** Infinitely variable displacement pump with a minimum displacement of 6.1 cubic inches per revolution, axial piston type. Electronic stroker control.
 - 2. **Motor:** Piston motor with gearbox, 2.1 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 temperature 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.
- b. Hydraulic Lines:
 - 1. High pressure hose with swaged type split flange “O” ring fittings, per S.A.E standards.
 - 2. Low pressure hose installation shall be made according to transmission manufacturer’s recommendations. Only top quality fittings, tubing and hoses to be used.
- c. Controls: Electronic micro-control of hydrostatic transmission for setting asphalt pump discharge rate shall be located in truck cab. Control to permit stopping the variable pump discharge without 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.
- d. Reservoir: Minimum 20 gallon hydraulic reservoir with dial thermometer and level indicator.
- e. Filter: A 10 micron, replaceable cartridge type filter with vacuum gauge shall be located in the line between oil reservoir and hydrostatic pump.

BITUMEN PUMP

- a. Type: Positive displacement rotary gear type. 4 ½" suction x 4" discharge.
- b. 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.
- c. Capacity: Minimum of 400 gallons per minute.
- d. Self-flushing line from fuel tank or heating system to fill line. Includes minimum 20 gallon capacity fuel tank with float level gauge. Located away from burners for safe operation.

HEATING SYSTEM

Flues: (2) 8" x 6" U-type return flues running the full length of the tank. The inlet and exhaust opening of each individual set of flues shall be in the same horizontal plane, allowing heating with a minimum of material in the tank. Flues shall have stainless steel external stack.

Two burners with digital temperature readout, thermostatically controlled shut down, out fire protection travel lockout.

SPRAYBAR

Full circulating 16 feet in length, hinged to permit folding for traveling. Length of bar in folded position not to exceed 8 feet. Positive circulation from one end of the bar to the other end, regardless of bar length or asphalt pump rate.

To consist of 8' center section with (2) folding wing sections.

Electric-air on-off in 1' increments, cab controlled.

Provision for later addition of bar extensions with 1' controls (to 20')

Electric-hydraulic spray bar shifting, lifting and wing folding, cab controlled.

Nozzles to be spaced on 4" centers on spray bar and shall have an individual valve for each spray nozzle. Each nozzle valve is to have 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.

Bar to adjust for positive or negative crown and also adjustment for pitch of bar to aim nozzle valves rearward. Sections are to be interchangeable, right or left side.

AIR CONTROLS

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 its own air reservoir (using of truck chassis 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 its own airline oiling device and controls shall be electric, located in cab convenient to operator.

Air Operated:

1. All air solenoid valves and hydraulic solenoid valves are to be mounted to be accessible and serviceable from the ground without climbing on the machine.

TOOL BOX, FENDERS, ETC.

- a. Tool Box: All steel box with aluminum door, of sufficient size to store all necessary tools shall be furnished at side of the tank. Must have hinged door at side with flush-type lock. Door at top not acceptable.
- b. Fenders: Full dual flanged fenders (.080" aluminum) with rubber flaps. Use of skirting and flaps as a substitute for fenders not acceptable.

CONTROLS/INSTRUMENTATION

- a. Computer with in-cab operator controls which include:
 - *Computer controlled switches for five (minimum) preset application rates.
 - *Distance/volume reset switch.
 - *Application rate adjustment switch
 - *Display select switch

In-cab instrumentation will include the following information on self-illuminated display(s):

- *Truck travel speed feet/minute and and/or meters/minute.
 - *Application ate in gallons/square yard and/or liters/square yard.
 - *Pump rate in gallons/minute and/or liters/minute.
 - *Resettable distance sprayed in feet and/or meters.
 - *Resettable volume sprayed in gallons and/or liters.
 - *Low tank level warning.
 - *Warnings that travel speed and/or application rate is beyond system capability.
- b. Radar type sensor to pick up ground speed.
 - c. Cab Control of 4-way asphalt valve.

ACCESSORIES

1. Hose trough for fill hose in lieu of hooks.
2. Thermometer well on side of tank.
3. Pencil thermometer.
4. Liquid sampling valve to be state approved for taking samples of liquid asphalt. Located in the rear tank head.
5. Hand Spray Attachment: Hand spray gun with cold handle and not less than 3 nozzles, with 25' of 3/4" flexible rubber hand spray hose
6. Strainers: Asphalt system to be designed so all liquid pumped to the tank, from the tank or to the spray bar must pass through a screen.
7. Turn Signals: At rear of Distributor with truck supplying chassis control of signals.
8. Light: Federal Standard 108 requirements, including reflectors, clearance and identification lights. Wiring in loom.

9. All necessary special tools for operation and maintenance of the Distributor shall be provided.
10. Painting: Distributor steel parts shall be painted Black Enamel.

WARRANTY

Minimum 12 month warranty of Distributor components.

With the bid shall be included manufacturer's descriptive literature and specifications on unit being bid, and a list of any exceptions to these specifications. Bidder will supply parts manual and complete operating instruction manual with bid requested.

OPTIONAL ITEMS TO BE INCLUDED:

a. Tank and Accessories:

1. Dial Thermometer, 4"
2. Additional cone type strainer in fill line front of asphalt pump strainer.

b. Circulating System

1. Power wash down system including electric fuel pump, 15' hose with gun.

c. Spray Bar:

1. Spray bar section storage box.
2. Provisions for later addition of bar extensions with 1' controls up to 18'

d. Power System:

1. High output asphalt pump hydraulic drive. Recommended for hard to handle asphalt and 16' spray bar (6.1 pump, 2.1 motor).

e. Heating System:

1. Flues (2) 8" x 6" U-type return flues running the full length of the tank. The inlet and exhaust opening of each individual set of flues shall be in the same horizontal plane, allowing heating with a minimum of materials in the tank. Flues shall have stainless steel external stack.
2. Two flues with high pressure fuel oil burners.

f. Miscellaneous Accessories:

1. 12' x 3" rubber fill hose.
2. L.E.D. Lights, Sealed System.
3. 3" cam lock fittings.
4. Backup alarm.
5. Wet storage box with drain plug and hinged lid.
6. Strobe light mounted on top of front of tank.

TRUCK MOUNTED

Mounted on a suitable truck meeting the following specifications:

The successful bidder will be required to furnish a factory trained service technician to train the Customer's personnel on operation, maintenance and safety at start up.

ADDITIONAL SPECIFICATIONS FOR OIL DISTRIBUTOR TRUCK

1. **MODEL:** New 2013 IHC 7300
2. **QUANTITY:** One (1)
3. **GVWR:** 30,000 pounds
4. **WHEELBASE:** 187 inches
5. **CA:** 120 inches
6. **ENGINE:** Diesel powered; 230 HP; Electronic; IHC MaxxForce DT Diesel; 14" single plate ceramic clutch.
7. **TRANSMISSION:** Fuller FR-9210B 10-speed manual.
8. **AXLES:** Front 12,000 pounds; rear axle 21,000 pounds; axle ratio 3.90.
9. **BRAKES:** Air
10. **BATTERIES:** Two 12-volt, 1300 CCA total.
11. **SUSPENSION:** 12,000 pounds front springs; 23,500 pounds rear springs; 4,500 pounds rear auxiliary springs; front shock absorbers.
12. **FRAME:** 10.125"x3.580"x0.312".
13. **FUEL TANK:** Single tank mounted right side, 50 gallon capacity.
14. **TIRES AND WHEELS:** 11R22.5 14 ply steel belted radial tires; 8.25 tire rims; 10 HUB pilot steel disc wheels.
15. **STEERING:** Factory installed power steering required.
16. **PTO:** Front adapter flange.
17. **TOW HOOKS:** Required on front.
18. **RADIO:** AM-FM push-button type or better required.

19. **AIR CONDITIONING:** Required, factory installed.
20. **COLOR:** Green; interior to be standard compatible color which will be selected at the time order is placed.
21. **CAB:** Gra-Mag non suspension high back driver/passenger seat.