



SEDGWICK COUNTY, KANSAS
DIVISION OF FINANCE
PURCHASING DEPARTMENT
525 N. Main, Suite 823 ~ Wichita, KS 67203
Phone: 316 660-7255 Fax: 316 383-7055
<http://sedgwickcounty.org/finance/purchasing.asp>

REQUEST FOR BID
RFB #15-0084
TRUCK MOUNTED SNOW PLOWS

August 14, 2015

PURPOSE

Sedgwick County, Kansas, will be accepting bids for Truck Mounted Snow Plows. It is anticipated that an official contract or purchase order will be issued after Board of County Commission approval of the recommended bid. It should be noted, however, that the County cannot guarantee the purchase of services/products described herein.

SUBMITTALS

Carefully review this Request for Bid. It provides specific technical information necessary to aid participating firms in formulating a thorough response. Should you elect to participate, submit one (1) complete original and one (1) electronic copy (CD or USB drive) of the Bid Response Form with any supplementary materials to:

ATTN: Kara Kingsley
Sedgwick County Purchasing Department
525 N. Main St., Suite 823
Wichita, KS 67203

SUBMITTALS are due NO LATER THAN 1:45 p.m. CDT, Tuesday August 25, 2015. Responses must be sealed and marked on the lower left-hand corner with the firm name and address, bid number, and bid due date. Late or incomplete responses will not be accepted and will not receive consideration for final award.

Bid responses will be acknowledged and read into record at bid opening, which will occur at 2:00 p.m. CDT on the due date.

QUESTIONS AND CLARIFICATIONS

All requests for clarifications of the RFB process and document content should be directed to Kara Kingsley at email kara.kingsley@sedgwick.gov. Questions are due **in writing** no later than 5 p.m. CDT on August 19, 2015. Any questions of a substantive nature will be responded to in addendum form to be sent to all vendors no later than 5 p.m. CDT on August 21, 2015.

Kara Kingsley
Kara Kingsley
Purchasing Agent

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1. COUNTY BACKGROUND

Sedgwick County, located in south-central Kansas, is the most populous of Kansas' 105 counties with a population estimated at more than 508,000 persons. It is the sixteenth largest in area, with 1,008 square miles, and reportedly has the second highest per capita wealth among Kansas' counties. Organizationally, the County is a Commission/Manager entity, employs nearly 2,800 persons, and provides a full range of municipal services; e.g., public safety, public works, criminal justice, recreation, entertainment, cultural, human/social, and education.

2. MINIMUM MANDATORY REQUIREMENTS

The following specifications are for the procurement of five (5) 11' 39-52" ONE WAY REVERSIBLE SNOWPLOWS WITH INTEGRAL SHIELD MOLDBOARD and six (6) 11' 41" REVERSIBLE SNOWPLOWS WITH INTEGRAL SHIELD MOLDBOARD. Bids submitted must reflect in detail their inclusion and the degree to which they can be provided. The successful vendor shall:

- A. Able to deliver (or have delivered) parts within 24 hours, when required by Fleet Management.
- B. Bid amount must include delivery to Sedgwick County Fleet, located at 1021 W. Stillwell St., Wichita, Kansas 67213. All transportation charges shall be prepaid to the destination and absorbed by the vendor. Prices must be guaranteed during the contract period not to exceed the bid price.
- C. After award and prior to delivery, an appointment must be made to deliver equipment to Fleet Management, 1021 W. Stillwell St., Wichita, KS. Please contact Penny Poland at 316-660-7477.
- D. Fleet Management will not accept ownership until equipment has been inspected for compliance with specifications and provide a packing slip listing the items delivered and prices.
- E. Understand that the County may return any over-shipments above the quantity ordered to the successful vendor without charge.
- F. Vendor will conform to all relevant Federal, State and Local hazardous material codes, regulations and laws that are relevant.
- G. A contact person and a minimum of one back-up person shall be identified within the vendor's company. This person will be responsible for any and all details in regard to the execution and administration of this contract.
- H. Any defective material will be promptly picked up and exchanged with new replacements within 24 hours.
- I. Provide all warranty information.

3. SPECIFICATIONS

All requirements and specifications are intended to be minimum specifications and any additions, deletions, or variations from the following specifications must be noted by the vendor on the Bid Response Form.

Vendor shall indicate in the "Yes/No" column if their bid complies on each specific item. Any additions, deletions, or variations from the following specifications should be clearly identified and detailed in response using the corresponding specification number.

		Yes	No
A.	Plows must be compatible with current County-owned universal quick hitch #6236000		
B.	<p>Moldboard: Five (5) moldboards shall have a leading end height of 39” and a discharge end height of 52” and shall be composed of smooth-rolled 3/16” rolled plate steel welded to a minimum of five 1/2” x 4” vertical ribs. The ribs shall be plasma cut and tapered, with the top end welded to a 2” x 3” x 3/8” moldboard top angle, and the bottom end welded to a 1” thick steel bottom rib pivot reinforcement. This pivot reinforcement is to be welded to a 4” x 4” x 5/8” bottom angle. The bottom angle shall be reinforced with gussets between the cutting edge mount holes. The moldboard shall have an integral shield, which will constitute the moldboard face, extending to approximately 12” forward of the cutting edge with no landslide plate located on the intake side of the plow.</p> <p>Six (6) moldboards shall have height of 41” at leading and discharge ends.</p>		
C.	<p>Circle Pushframe: The pushframe shall consist of a circle frame and pushbeam. The circle frame shall consist of a 3-1/2 ” x 3-1/2 ” x 1/2” steel angle rolled in an arc spanning 66”, with two support legs each of 3-1/2 ” x 3-1/2 ” x 1/2”, 27-1/2” long which are welded between the circle frame and the pushbeam. Stop blocks shall be positioned on the circle frame to prevent hydraulic over-stressing of the reversing cylinders. To prevent possible “pinching” of hydraulic hoses, stop blocks shall not overhang the circle frame width. The pushbeam shall be composed of 4” x 4” x 3/8” square steel tube, 85 1/2 ” long. Eight ears of 1/2” thick steel will be welded to the pushbeam for attaching to the moldboard at four of the bottom rib pivot reinforcements. The ears will be drilled to accept 1-1/4” pivot pins.</p>		
D.	<p>A-Frame: The A-frame will be constructed of 4” ship channel, welded to a 1” x 5” backplate. A 5/8” thick top plate welded to the A-frame serves as the circle frame hold-down. Top plate shall be plasma cut to conform to the circle frame radius. The A-frame attaches to the circle assembly with a 1-1/4” grade 5 bolt installed through two 1/2” thick ears welded to the A-frame. Cross 1500 series Cushing valve will be mounted to the A-frame and must be able to handle 30 gallons per minute.</p>		
E.	<p>Slotted Trip: The slotted trip shall be achieved by means of four compression springs. The springs shall be nested in pairs, one inside of the other. The inner spring shall be made of 5/8” wire, 3-3/8” OD, with a spring rate of 500lbs./inch and a solid load of 3,300lbs. The outer spring shall be made of 3/4” wire, 5-3/8” OD, with a spring rate of 340lbs./inch, and a solid load of 3,300lbs. The uncorrected stress in either spring shall not exceed 96,000 psi when the spring is fully compressed. The spring mechanism shall be constructed to preload one spring a greater distance than the other, such that both springs would reach a fully compressed state simultaneously. A 1-1/4” diameter trip shaft subassembly shall pass through the center of both springs, and shall attach to the moldboard assembly at the rib bottom subassemblies. The trip force shall be adjustable by changing the position of two 1-1/4” nuts on the trip shaft. The trip mechanism shall be designed so that it is not possible to over-tighten the springs and cause plow damage due to trip mechanism maladjustment.</p>		

F.	<p>Universal Quick Hitch, Plow Portion: The universal quick hitch, plow portion, shall have two self-aligning receiving jaws, which allow the truck portion when pulling into the plow portion to self-align and automatically lock. The locking devices shall be two 1-1/2" square hardened steel and shall automatically lock behind the fixed welded pin in the truck lift frame. The two receiving, self-aligning plow portion jaws shall be on approximately 33-1/2" centers. Decoupling shall be accomplished by removal of a vertical pin and the tripping of a lever which automatically opens the receptacles and allows the truck to back away from the plow unit. The plow portion of the universal quick hitch shall be affixed to the plow so that it allows the plow to crest hills ahead of the front axle and adjusts to right-to-left road contour, thus allowing the cutting edge to move independent of the truck front axle.</p>		
G.	<p>Adjustable Running Gear Assembly with 1" x 6" runners: The running gear assembly shall consist of an inner tube, outer tube, screw adjuster and swivel assembly. The inner tube shall be constructed of 3" x 3" x 1/4" square steel tubing. The top end of the tube shall have a welded 1/2" thick steel cap. To the top of the cap will be welded a 1-1/4" acme threaded nut. To the bottom end of the tube will be welded a greaseable swivel assembly, consisting of 3/4" upper and 1" lower base plates, swivel shaft with bronze bushing and 5/8" runner mounting yokes. The outer tube assembly shall be constructed of 3-1/2" x 3-1/2" x 3/16" steel tubing welded to a 6" x 11" x 1/2" steel plate with six mounting holes on each side for vertical adjustment. The inner tube shall be connected to the outer tube via a 1-1/4" acme threaded rod, which is hand adjustable by means of a crank assembly. The runner shoe assembly shall consist of a 1" thick x 6" wide x 18" long AR steel shoe with two 3/8" thick ears for attachment to the runner yoke assembly. The runner shall be connected to the yoke with a 1" thick, grade 5 bolt with a slotted nut held in place by a cotter pin.</p>		
H.	<p>Surface Preparation and Paint: Unit shall be cleaned of oil, grease, dust, mill scale, rust, coatings, oxides, corrosion products, and other foreign material in accordance to The Society for Protective Coatings SP 6/National Association of Corrosion Engineers No. 3 Commercial Blast Cleaning prior to the application of any protective coatings. Unit shall be painted using DuPont Imron 2.1 High Gloss Aliphatic Polyurethane Enamel or equivalent. Volatile Organic Compound concentration shall not be higher than 2.1 lbs/gal averaged across all colors including the manufacturer's recommended maximum amount of reduction agent when mixed. A minimum of one coat of primer and one coat of paint shall be applied over the entire unit resulting in a durable coating between 2.5 to 3.5 mils thick. Paint shall be able to withstand a minimum of 1,000 hours while being submersed in a salt fog without blistering or acquiring surface defects in accordance to ASTM B-117.</p>		
I.	<p>Cutting Edge: Nine (9) cutting edges shall be a BlockBuster XTREME carbide insert blade system by Winter Equipment Company, Inc. Two (2) of the One Way Reversible Snow plows shall be equipped with KUPER Tuca SX Wave cutting edges.</p>		
J.	<p>Manuals: One (1) manual and one (1) parts book.</p>		

4. PAYMENT TERMS

Payment for all specified services or products to the successful vendor will be made following:

- Delivery of requested product(s)
- Receipt of invoicing, emailed to ap_invoices@sedgwick.gov or faxed to 316-941-5127.
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5. TENTATIVE TIMELINE

The following dates are provided for informational purposes and are subject to change without notice. Contact Kara Kingsley, kara.kingsley@sedgwick.gov, to confirm any and all dates.

Distribution of Request for Bid to interested parties	August 14, 2015
Clarification, Information and Questions submitted in writing by 5:00 p.m. CDT	August 19, 2015
Addendum Issued	August 21, 2015
Sealed bids due before 1:45 p.m. CDT	August 25, 2015
Evaluation Period	August 25-26, 2015
Board of Bids and Contracts Recommendation	August 27, 2015
Board of County Commission Award	September 2, 2015

6. REQUEST FOR BID CONDITIONS

All times indicated in this solicitation document are central daylight.

In submitting a response to this Request for Bid, vendors hereby understand the following as applicable:

http://www.sedgwickcounty.org/purchasing/pdf_files/bidcond.pdf

7. GENERAL CONTRACT PROVISIONS

In submitting a response to this Request for Bid, vendors hereby understand the following as applicable:

http://www.sedgwickcounty.org/purchasing/General_Contractual_Provisions_2013.pdf

PRICING INFORMATION
RFB #15-0084
TRUCK MOUNTED SNOW PLOWS

Qty	Description	Unit Price	Extended Price
Ea. 5	11' 39-52" One-Way Reversible Snowplows with Integral Shield Moldboard	\$	\$
Ea. 6	11' 41" Reversible Snowplows with Integral Shield Moldboard	\$	\$
Ea. 1	Maintenance Manual	\$	\$
Ea. 1	Parts Book	\$	\$
Model:			
Grand Total			\$
Delivery Date:			

BID RESPONSE FORM
RFB #15-0084
TRUCK MOUNTED SNOW PLOWS

The undersigned, on behalf of the Bidder, certifies that: (1) this offer is made without previous understanding, agreement or connection with any person, firm, or corporation submitting a bid on the same project; (2) is in all respects fair and without collusion or fraud; (3) the person whose signature appears below is legally empowered to bind the firm in whose name the bidder is entered; (4) they have read the complete Request for Bid and understands all provisions; (5) if accepted by the County, this bid is guaranteed as written and amended and will be implemented as stated; and (6) mistakes in writing of the submitted bid will be their responsibility.

NAME _____

DBA/SAME _____

CONTACT _____

ADDRESS _____ CITY/STATE _____ ZIP _____

PHONE _____ FAX _____ HOURS _____

STATE OF INCORPORATION or ORGANIZATION _____

COMPANY WEBSITE ADDRESS _____ E-MAIL _____

NUMBER OF LOCATIONS _____ NUMBER OF PERSONS EMPLOYED _____

TYPE OF ORGANIZATION: Public Corporation _____ Private Corporation _____ Sole Proprietorship _____

LLC _____ LLP _____ Not For Profit Corporation _____ Partnership _____ Other (Describe): _____

BUSINESS MODEL: Small Business _____ Manufacturer _____ Distributor _____ Retail _____

Dealer _____ Other (Describe): _____

Not a Minority Owned Business: _____ Minority-Owned Business: _____ Certification # _____

African American _____ Asian _____ Hispanic _____ Native American _____ Other _____ Woman-Owned Business _____

ARE YOU REGISTERED TO DO BUSINESS IN THE STATE OF KS: _____ Yes _____ No

ACKNOWLEDGE RECEIPT OF ADDENDA: All addendum(s) are posted to our RFQ/RFP web page and it is the vendor's responsibility to check and confirm all addendum(s) related to this document by going to www.sedgwickcounty.org/finance/purchasing.asp.

NO. _____, DATED _____; NO. _____, DATED _____; NO. _____, DATED _____

Yes, I would like to be on the emergency vendor list. †

No, I would not like to be on the emergency vendor list.

After Hours Phone #: _____ Emergency Contact Name: _____

After Hours Fax #: _____

In submitting a response to this document, vendor acknowledges acceptance of all sections of the entire document and has clearly delineated and detailed any exceptions.

Signature _____ Title _____

Print Name _____ Dated _____