



# COUNTY OF COLE JEFFERSON CITY, MISSOURI

REQUEST FOR BID

## 2016-23: ONE SINGLE AXLE DUMP TRUCK

*SUBMISSIONS SHALL BE ACCEPTED UNTIL*

**FRIDAY, JUNE 3 at 9:00 a.m.**

*AND RECEIVED AT:*

**COLE COUNTY COMMISSION  
311 EAST HIGH STREET, ROOM 200  
JEFFERSON CITY, MO 65101**

\_\_\_\_\_  
Company Name

\_\_\_\_\_  
Direct Contact Name (Typed/Printed)

\_\_\_\_\_  
Mailing Address

\_\_\_\_\_  
Title

\_\_\_\_\_  
City/State/Zip

\_\_\_\_\_  
Email

\_\_\_\_\_  
Office Telephone Number

\_\_\_\_\_  
Direct Line or Extension

I hereby certify that I am submitting the following information on behalf of the above-referenced company and understand that by virtue of executing and returning with my response this REQUIRED RESPONSE FORM, I further certify full, complete and unconditional acceptance of this solicitation and all attachments and the contents of any Addendum released hereto. (Submission must be signed by an officer or employee having authority to legally bind the respondent.)

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Authorized Name (Typed/Printed)

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

## REQUEST FOR BID

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Sealed responses will be accepted by the Cole County Commission for consideration in provision of the following:

### **2016-23      SINGLE AXLE DUMP TRUCK**

Submissions will be received at the office of the Cole County Commission, 311 East High Street, Room 200, Jefferson City, Missouri until 9:00 a.m. on Friday, June 3, at which time they will be publicly opened and taken under advisement. Bidders should be aware that submissions are public record under state law. Specifications are available at [www.colecounty.org](http://www.colecounty.org) or by contacting Jennifer Prenger at [jprenger@colecounty.org](mailto:jprenger@colecounty.org) or (573) 634-9168.

EOE

NEWS TRIBUNE: May 1, 8 & 15

Legal Notices

Cole County Commission

311 East High Street

Jefferson City MO 65101

# COLE COUNTY COMMISSION

COMMISSION  
(573) 634-9110

*PURCHASING*  
1736 SOUTHRIDGE DRIVE  
JEFFERSON CITY, MISSOURI 65109

PURCHASING  
(573) 634-9168

## REQUEST FOR BID

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### 1.0 OVERVIEW

- 1.1 **NOTIFICATION.** This document constitutes a request for competitive, sealed offers per the provisions of this Request for Bid in supplying one (1) Single Axle Dump Truck for use by the Cole County Department of Public Works.

Respondents are responsible for being thoroughly familiar with all specifications and requirements of this solicitation. Failure to examine any relevant document or provision thereof will not relieve the successful respondent from any obligation under this bid. Qualified organizations are invited to prepare an offer in response to this document and in doing so, concur with all terms, conditions, specifications and addenda to this bid unless specifically noted otherwise in a separate section titled "EXCEPTIONS".

- 1.2 **QUESTIONS, REQUESTS FOR CLARIFICATION OR INTERPRETATION.** As of the issuance date of this solicitation and continuing until the final date for acceptance of submissions, all respondents are specifically directed not to discuss, hold meetings, conferences, or technical discussions with any County employee for the purpose of responding to this solicitation except as otherwise permitted by this bid document. Respondents should not otherwise ask any County officials or employees questions about the bid or related issues, either orally or by written communication. Respondents directly contacting other County employees risk elimination from further consideration.

Respondents are advised that all questions concerning the meaning or intent of these specifications must be submitted **IN WRITING** and received at least five (5) business days prior to the date scheduled for bid opening. All inquiries shall be directed to:

**[info@colecountypurchasing.org](mailto:info@colecountypurchasing.org)**

- 1.3 **ISSUANCE OF ADDENDA.** Every attempt shall be made to ensure that all written questions receive an adequate and prompt response. However, in order to maintain a fair and equitable bid process, all respondents will be advised of any questions submitted, the County's response, and any other pertinent information related to this solicitation via the issuance of addenda, which will be posted on the Purchasing Department page at [www.colecounty.org/287/Purchasing](http://www.colecounty.org/287/Purchasing). An addendum may contain information that could affect bid responses. It shall be the responsibility of the respondent to verify whether or not any addenda have been issued prior to submitting a bid response to Cole County.

All issued addenda are incorporated by reference as if fully set out herein. Respondents are cautioned that the only official position of Cole County is that which is issued by Cole County in these specifications or by addendum/amendment thereto. No other means of communication, whether written or oral, shall be construed as a formal or official response or statement. The County assumes no liability if a respondent fails to incorporate addenda into their bid. Failure to have requested an addendum covering any questions affecting the interpretation of these specifications shall not relieve the awarded party from delivering the completed project, product and/or service in accordance with the intent of these specifications.

- 1.4 **SUBMISSION REQUIREMENTS.** A fully executed bid, including the specification pages comprising this invitation and any related illustrative documentation, shall be submitted in a sealed envelope identified by bid number, bid title, and bid opening date/time; shall be complete and signed by an official authorized to obligate the agency or company submitting the bid; and shall include one (1) complete original bid and two (2) exact duplicates.

It is the responsibility of each respondent to deliver its submission to the office of the Cole County Commission, 311 East High Street, Room 200, Jefferson City, Missouri on or before the date and exact time indicated for public bid opening. Fax and email submissions will not be considered. Responses will be time and date stamped; those received late will be determined non-responsive and returned unopened to the sender **without exception.**

- 1.5 **BID OPENING.** Submissions will be publicly opened in the Cole County Commission Chambers on Friday, June 3 at 9:00 a.m. Central. Respondents and the public are invited but not required to attend the formal bid opening. All documents will be made available for public inspection, but no decision relating to the award of the contract or agreement will be made at the bid opening.
- 1.6 **ADVICE OF AWARD.** A bid tabulation of responses received will be included with the award notification letters sent, via email, to all bidders who submitted a response upon bid award.

## 2.0 TERMS AND CONDITIONS

- 2.1 **INCURRING COSTS.** Cole County shall not pay for any information requested herein nor be obligated or liable for any cost incurred by any respondent in submitting a response.
- 2.2 **RESERVATIONS.** The right is hereby reserved to reject any or all submissions for any reason, in part or in whole, received in response to this solicitation; to waive or not waive informalities or irregularities in any response or the bidding procedures; to request supplementary information from respondents as determined necessary to effectively evaluate responses; to cancel this solicitation, advertise for new and/or purchase off of cooperative purchasing contract(s); and to accept, request clarification or further negotiate the terms, conditions and/or methodology of any response if, in Cole County's sole judgment, the best interests of Cole County will be so served.
- 2.3 **MODIFICATION/WITHDRAWAL.** Receipt of written notice or an in-person request from a properly identified individual prior to the official date and time set for bid opening must occur in order to modify or withdraw a submission which has been delivered to the office of the Cole County Commission.
- 2.4 **VALIDITY.** Respondents agree that submissions will remain valid for consideration by the County for a minimum period of ninety (90) calendar days after the date specified for bid opening.
- 2.5 **RESPONSE MATERIAL OWNERSHIP.** All material submitted in response to this solicitation becomes the property of Cole County and may be disclosed upon proper Sunshine Law request per 610.021(12) RSMo.
- 2.6 **EXCEPTIONS.** The wording of this solicitation may not be changed or altered in any manner. Taking exception to any clause in part or in whole does not necessarily disqualify a respondent; any such exception shall be clearly identified and described in full detail in the respondent's submission. Any exception will be evaluated and accepted or rejected by Cole County, whose decision shall be final and conclusive. In the absence of such declaration(s), the response shall be accepted as in strict compliance with all terms, conditions, and specifications requested and the awarded party shall be held responsible for providing the product or service accordingly.

- 2.7 **RESTRICTIVE LANGUAGE.** It shall be the responsibility of respondents to ask questions, request changes or clarification, or otherwise advise Cole County if any language, specification or requirement of this solicitation appear to be ambiguous, contradictory, and/or arbitrary, or appear to inadvertently restrict or limit responses to a single source. Such notification must be directed to the Purchasing Agent and received at least five (5) business days prior to the date set for bid opening.
- 2.8 **INTERPRETATION.** If the bidder has any questions which arise concerning the true meaning or intent of the Plans, Specifications or any part thereof, which affect the cost, quality, quantity, or character of the project or service, he shall request in writing that an interpretation be made and an addendum be issued which shall then be posted at [www.colecountypurchasing.org](http://www.colecountypurchasing.org). Failure to have requested an addendum covering any questions affecting the interpretations of the Plans and Specifications shall not relieve the successful respondent from delivering the product, service or completed project in accordance with the intent of the Plans and Specifications. Should any differences arise as to the meaning or intent of these specifications, Cole County's interpretation shall be final and conclusive.
- 2.9 **EQUIVALENT MATERIAL/EQUIPMENT.** Any listed manufacturer/model number(s) or a definite reference to a particular material or piece of equipment is intended to establish a minimally acceptable design, type, quality, functional capacity, and/or desired performance level. It is to be understood that any equivalent alternate which will perform adequately the duties imposed by the general design may be proposed and bid so long as sufficient details necessary to establish equivalency are included in the submission. Acceptance is subject to approval of the County which may request further information, sample(s) and/or a demonstration prior to bid award. Cole County shall be the sole judge of equivalency.
- 2.10 **LIKE OR SIMILAR PRODUCT.** Cole County reserves the right, at its sole discretion, to obtain like or similar product(s) to that which has been specified herein when use of such product is deemed in the best interest of the County.
- 2.11 **BID FORMS.** Bids made on other than the bid form furnished by Cole County will not be considered. Changes, additions or limiting provisions made on the invitation will render the bid informal and may cause its rejection.
- 2.12 **QUALIFICATIONS OF RESPONDENTS.** Cole County may make such investigations as deemed necessary to determine the ability of any respondent to provide the product and/or service described herein. Respondent shall furnish to the County all such information and data for this purpose that the County may request. The County reserves the right to reject any submission if the evidence submitted by the respondent or investigation of such respondent fails to satisfy the County that such respondent is properly qualified to carry out the obligations of the contract and/or to complete the work contemplated herein.
- 2.13 **EVALUATION.** 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.
- 2.14 **BASIS OF AWARD.** Award shall be made to the lowest responsible bidder whose offer best responds to the quality, capacity, and service requirements of Cole County, as determined by the County.
- 2.15 **PRICES.** Prices must be stated in units of quantity specified and must be firm.

- 2.16 **DEFAULT.** In case of default by the bidder or contractor, the County of COLE will procure the articles or services from other sources and hold the bidder or contractor responsible for any excess cost occasioned thereby.
- 2.17 **INTERPRETATION OF DOCUMENTS.** Should any differences arise as to the meaning or intent of these specifications, Cole County's interpretation shall be final and conclusive.
- 2.18 **TAX EXEMPTION.** Cole County is funded by public monies and as such has been approved by the State of Missouri for sales/use tax-exempt status. The Missouri tax identification number and certificate is available to the awarded party upon request.
- 2.19 **DELIVERY.** The delivery date(s) or when work will start shall be stated in definite terms as they may be taken into consideration when making award. Cole County reserves the right to cancel all or any part of an order if delivery is not made or work not started as guaranteed.
- 2.20 **ACCEPTANCE.** No equipment, supplies, materials and/or services received by Cole County pursuant to this solicitation shall be deemed accepted until the County has had reasonable opportunity to inspect. Cole County reserves the right to reject anything that does not comply with reasonable expectations based on the specifications outlined herein.
- 2.21 **APPLICABLE LAW.** In submitting a bid, the respondent warrants that it has complied with all applicable laws, rules and ordinances of the United States, Missouri or any other governmental authority or agency in providing the product(s) or service(s) specified herein. Any contract resulting from this solicitation is to be interpreted by the laws of Missouri. The parties agree that the proper forum for litigation arising out of the contract resulting from this solicitation is Cole County, Missouri.
- 2.22 **SHIPPING.** Deliveries shall be F.O.B. destination freight prepaid to Jefferson City, Missouri and included in all bid prices.
- 2.23 **PREFERENCE.** In making bid awards, Cole County shall give preference to all firms, corporations, or individuals that maintain office or places of business within the County of COLE when the quality of the commodity or performance promised is equal or better and the price quoted is the same or less.
- 2.24 **MISSOURI DOMESTIC PRODUCT PROCUREMENT ACT.** The Vendor represents that the goods provided comply with Sections 34.350 to 34.359, RSMo, known as the Domestic Product Procurement Act. The act encourages the purchase of products manufactured or produced in the United States, State of Missouri, and Cole County, Missouri.
- 2.25 **COOPERATIVE PROCUREMENT.** Various State Agencies, City and County Offices, the City of Jefferson and/or other Cities within the boundaries of Cole County may or may not request an unknown quantity of goods or services under this bid during the bid period or resulting agreement period at the same prices, terms and conditions stated herein.

It is agreed and understood that each participating political subdivision will make its own separate contract with the successful bidder, that each participating political subdivision shall only be liable to the successful bidder for materials or supplies contracted for by each political subdivision without any liability for purchases contracted for by any other participating political subdivision, and each successful bidder shall be required to bill each participating political subdivision directly for those materials or supplies for which it has purchased.

In the event of any dispute between a political subdivision and a successful bidder arising after a contract of purchase has been executed, such dispute shall be handled by and between the particular political subdivision affected and the contractor.

# ANTI-COLLUSION STATEMENT

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STATE OF \_\_\_\_\_)

COUNTY OF \_\_\_\_\_)

\_\_\_\_\_  
\_\_\_\_\_ being first  
duly sworn, deposes and says that he/she is \_\_\_\_\_  
(title of person signing)

of \_\_\_\_\_  
\_\_\_\_\_  
(Name of Bidder)

that all statements made and facts set out in the proposal for the attached bid are true and correct; and that the bidder (the person, firm, association, or corporation making said bid) has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such bid of any contract which result from its acceptance.

Affiant further certifies that bidder is not financially interested in, or financially affiliated with, any other bidder for the attached bid .

(BY) \_\_\_\_\_

(BY) \_\_\_\_\_

Sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20 \_\_\_\_

\_\_\_\_\_  
Notary Public

My Commission expires: \_\_\_\_\_

# EVALUATION MATRIX

This is the evaluation matrix the County utilizes to make a decision on awarding bids.

## TANDEM AXLE TRUCK

### Specification Match

(FORTY) 40% POSSIBLE

Mandatory

Bidder meets all Mandatory points 35.00%

Bidder missed a mandatory point 0.00%

Desirables

Bidder met Desirable points (6 out of 6 points) 5.00%

Bidder met some Desirable points(4 out of 6) 3.00%

### Cost

(FIFTY) 50% POSSIBLE

Cost is based on the lowest and best bid meeting County specifications

Low Bid will receive 50% and the rest will be pro-rated as a percentage

Low Bidder 50.00%

### Example

Low Bid is \$95,000 and second low is \$100,000 47.50%

Low bid will receive 50% and the second low will receive 47.5%

### Service

(FIVE) 5 % POSSIBLE

Bidder has proven good past service or has ample inventory and has availability. 5.00%

Bidder has adequate service 2.00%

Bidder has no service or local (within 50 miles) support 0.00%

### Delivery

(FIVE) 5% POSSIBLE

Bidder delivers 4 months or less 5.00%

Bidder delivers more than 4 months - less than/or equal to 6 months 2.00%

Bidder delivers more than 6 months 0.00%

### "Sample"

Bidder	Spec Match 40%	Cost 50%	Service 5%	
<b>Bidder A</b>	40.00%	50.00%	2.00%	97.00%
<b>Bidder B</b>	35.00%	46.60%	5.00%	88.60%
<b>Bidder C</b>	5.00%	46.30%	5.00%	58.30%
<b>Bidder D</b>	5.00%	47.50%	0.00%	57.50%

**Bidder A met all mandatory & all desired specifications, had the low bid (\$95,000) and has provided adequate service. The delivery time is 4 months or less**

**Bidder B met all mandatory and no desired specifications, had bid 102,000 and has provided good service. The delivery time was between 4 & 6 months**

**Bidder C did not meet the mandatory specifications but did meet all of the desired specifications had a bid of \$102,500 and has provided good service. Delivery time was 4 to 6 months**

**Bidder D did not meet the mandatory but did meet all of the desired specifications, had a bid of \$100,000 with no service within 50 miles. Delivery was shown as less than 4 months**

**COLE COUNTY DEPARTMENT OF PUBLIC WORKS  
DUMP BODY AND HYDRAULIC SYSTEM SPECIFICATIONS  
SECOND PARTY BID FORM #2016-23**

Bid Specifications for one (1) - 5.3 CUBIC YARD STAINLESS STEEL DUMP BODY & HOIST FOR MOUNTING ON ONE NEW 89 INCH CAB TO AXLE STANDARD DUAL REAR MEDIUM DUTY TRUCK CHASSIS. Indicate ability to meet specifications; ANY EXCEPTIONS SHALL BE NOTED ON BIDDERS RESPONSE FORM.

**INSTALLERS OF THE FOLLOWING EQUIPMENT MUST BE AN AUTHORIZED FACTORY DISTRIBUTOR AND SERVICE CENTER**

The County has a grader mounted spreader that has to have clearance from obstacles behind the truck. The frame shall be cut off behind the spring attachment and you shall weld a steel frame plate to the frame to allow for the clearance. All lights and hydraulic couplers shall be placed behind of same level surface as the steel plate.

**BODY IS CONTRACTORS TYPE:**

**YES NO**

- \_\_\_ \_\_\_ Capacity to be 3.9 struck at sides and 5.3 struck at ends
- \_\_\_ \_\_\_ Inside length to be 10 feet
- \_\_\_ \_\_\_ 85 inside width 96 outside
- \_\_\_ \_\_\_ Side height to be 18 inches
- \_\_\_ \_\_\_ Tailgate height of 24 inches
- \_\_\_ \_\_\_ Mounting height (chassis frame to floor) 9"
- \_\_\_ \_\_\_ Floor to be **3/16 AR 400** steel cross-memberless design
- \_\_\_ \_\_\_ Head sheet to be **12ga grade 201stainless steel**
- \_\_\_ \_\_\_ Headset to include an integral cab shield to fit chassis all stainless steel
- \_\_\_ \_\_\_ Sides to be single wall and **10 ga. 201** grade stainless.
- \_\_\_ \_\_\_ Tailgate to be double acting **12 ga 201** stainless steel.
- \_\_\_ \_\_\_ **The body sides shall be fold down side design with a quick release center handles.**
- \_\_\_ \_\_\_ All hinges and quick release hands must be stainless
- \_\_\_ \_\_\_ Side mounted 5/16 inch spreader and hold chains for tailgate to be furnished.
- \_\_\_ \_\_\_ Bottom hinge pin with grease zert to be a minimum of 1 1/4 inches in diameter.
- \_\_\_ \_\_\_ Tailgate to be air actuated with trip located on hydraulic control bracket between driver and passenger seats.
- \_\_\_ \_\_\_ Hoist lift arm connection assembly to be integral with body.
- \_\_\_ \_\_\_ Hoist to meet NTEA class 20 or better and have a lift off capacity of 18.9 tons, Inverted telescopic hoist will not be accepted
- \_\_\_ \_\_\_ Cab protector to be installed on dump body all stainless steel.
- \_\_\_ \_\_\_ Bed to have flush mounted strobe lights in cab shield and in rear of truck ,
- \_\_\_ \_\_\_ Lights in cab shield are to be installed in protective housings, and all wiring installed in conduit. Lighting package to meet all DMV lighting requirements.
- \_\_\_ \_\_\_ Tool box (similar or equal to Roughneck TB36AB) 36" length, 18"height, 16" depth, to be installed by dealer. Tool box to be mounted on the passenger side of truck
- \_\_\_ \_\_\_ Body to include rear mounted mud flaps
- \_\_\_ \_\_\_ Rear front of tire Mud flaps to be frame mounted in front of rear tires
- \_\_\_ \_\_\_ Weld a 3/8 chain hook stainless on tail gate to be used for tail gate removal.

\_\_\_ \_\_\_ Tarp system: to be a pull out design as to not effect bed fold down sides made of a soiled type tarp material.

\_\_\_ \_\_\_ All stainless steel to remain in a natural state and remainder of body to be painted black

\_\_\_ \_\_\_ Side board sockets to be provided with rough cut oak board fillers.

\_\_\_ \_\_\_ Side boards to be painted black using an outside paint.

\_\_\_ \_\_\_ Hydraulic Pump:

The pump shall be axial piston load sensing type.

The pump shall be 4.33 cid and capable of 42 GPM at 2500 RPM and 3000PSI.

The pump must have side ports to avoid multiple 90-degree bends in the suction line; (rear ports are not acceptable).

The pump case drain must be positioned as high as possible and directed back to the reservoir without passing through the return line filter.

The pump must have an internal bleed down compensator.

The pump must have a 1 1/4" keyed shaft and a c 2-bolt mounting flange.

Ports must be of the split flange design, 2" suction and 1 1/4" pressure and supplied with flange blocks to convert to NPT thread.

Must be similar/equal to a Rexroth model:A10V071DFR/31LPKC62N.

\_\_\_ \_\_\_ Pump Drive:

The driveline must be 1280/1310 series solid shaft style.

The driveline shall come with all crosses, pump end yoke and flange for engine.

The pump shall be driven off the engine crankshaft.

\_\_\_ \_\_\_ Hydraulic Reservoir:

Reservoir shall be 30-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.

Reservoir shall be complete with a sight temperature gauge and a magnetic drain plug.

Suction port will allow for installation of a 2" NPT 50 GPM suction screen. Suction screen will have a 3 to 5 PSI by-pass spring.

Reservoir must be constructed of 10-gauge steel.

As an integral part of the reservoir, there shall be an area for mounting of the hydraulic stack valve. Reservoir must be of template style for bulkhead "through" mounting of the valve and be completely free from internal tubing or hoses from the work ports and inlet of the valve.

Valve must be removable as a unit with template through the top of the reservoir for service and accessibility. Valve compartment area will have a drain tube of at least 1 1/4" in diameter and be placed to the front side the reservoir and incorporate an angled base below the valve to allow fluid and condensation to flow easily to drain tube area.

There must be three additional side access panels for further service and accessibility. All panels must have formed gaskets and be weather sealed with bottom welded mounting nuts for panels.

Mechanical cable and Electrical connections shall be made via bulkhead connectors on the front (cab) side of the reservoir.

Reservoir must be symmetrical & capable of mounting on either side of truck frame.

Must be similar or equal to model CP-RES305-VMSG-LSSGTMF-DS or -PS.

Serviceguard reservoir is acceptable.

\_\_\_ \_\_\_ Hydraulic Return Filter:

Filter shall be top tank mounted type 10 microns with a by-pass and replaceable cartridge element.

Filter shall be capable of 80 GPM flow capacity.

Filter shall have one 1 1/4" NPT port with the ability to be machined for another.

A bypass condition pressure switch is required.

Similar/equal to CERTIFIED POWER model FPR2520N10NR4KXXB is acceptable.

Hydraulic Stack Valve:

The valve shall be of a mobile stackable design load sensing type.

The valve shall be capable of a nominal 35 GPM with published flow curves to 40 GPM.

The valve must be pressure and flow compensated.

Changing a valve section from single to double acting is done by replacing a shuttle cartridge.

Inlet and outlet ports to be 1" o-ring, all working ports shall be 3/4" o-ring.

Valve to be arranged as follows:

Inlet cap with pressure, tank and load sense port.

Double acting cylinder spool for hoist, with a work port relief for downside protection on port "A". Proportional 12 VDC operated.

Single acting cylinder spool for plow lift. 12 VDC bang-bang operated with adjustable section flow compensator.

Double acting cylinder spool for left/right. 12 VDC bang-bang operated with adjustable section flow compensator.

Single acting motor spool for feeder, proportional 12 VDC spring to center with manual override. Flow range or 0-15 gpm.

Single acting motor spool for spinner, proportional 12 VDC spring to center with manual override. Flow range of 0-7 gpm.

Outlet cap with pressure reducing valve and solenoid drain.

Similar or equal to Rexroth model MP18 is acceptable.

Spreader Control:

Control shall be of an open loop design ground speed controlled.

Control shall be capable of both automatic and manual modes.

The control shall have a time programmable blast feature.

Both auger and spinner shall shut-off at zero mph in automatic mode.

Shall have programmable feed rates, lane widths, valve trims, MPH and auger calibrations.

Control shall have 9 detented spread rates and 9 detented lane widths.

Control shall be capable of an optional LED remote display.

All calibrating shall be done from the front faceplate.

Control shall be reverse polarity and short circuit protected and have internal fuse.

Both valve drives shall be capable of 2.5 amps at 0-12 vdc.

Similar/equal to a model ACS freedom system by CERTIFIED POWER is acceptable.

Control Console:

Control console shall be constructed of stainless steel.

Console shall have provisions for mounted the above-mentioned spreader control. Top portion of console shall have 2 electric joysticks mounted in it.

Hoist stick shall be 12 VDC proportional control with a neutral Dead Man lock.

Plow stick shall be a dual axis design 12 VDC on/off with a detent in the down position for plow float.

Snow plow control system as to have a plow balancer valve included to control the weight of the snow plow cutting edge, this valve to be adjustable and a intergraded part of the valving system.

The console shall also come with 6 switch functions to operate the following:

Master on/off

Plow Lights Hi/off/Low

Strobe Light

Spreader Light

Aux  
 Low Oil/Change Filter indicator  
 All switches shall be rocker design with engraved backlit lenses for function.  
 All connections shall be made on the bottom of the console and be twist lock amp connectors.  
 All cables necessary shall come with console.  
 Console shall be between the seats easily reachable by the operator, mounted on eight inch square tublar style stand.  
 Similar/equal to Storm guard model SG2035XFX by Component Technology is acceptable.  
 Hydraulic hoses:  
 All hydraulic hoses and couplings for snow plow and cinder spreader to be included.  
 Water tight electric enclosure:  
 A water tight enclosure to be frame mounted with all electric components for Tarp, snow plow and cinder spreader controls .

**HOIST- MEETING NTEA CLASS 20 WITH A LIFT CAPICITY OF 18.9 TONS:**

**YES NO**

- Hoist must be manufactured in such a manor so as to prevent oil from escaping at the cylinder base.
- Sub-frame to be all stainless steel
- Dumping angle to be not less than forty(40) degrees.
- Hinge pins for hoist to be removable
- Standard OSH equipment to be included

**ATTACHMENTS TO DUMP BODY:**

**YES NO**

- Tool holder to made of 3/4 inch stainless rod welded to the dump body on the left and right side of the body. Location of rod is 12 inches above the horizontal boxed section of body. Rod to be welded to each vertical support.
- A drivers side ladder will be made of 3/4 inch stainless rod with tread grips on each rung. The width of the ladder shall be twelve (12) inches with rungs starting eighteen (18) inches above the ground. A ladder rung shall be placed twelve (12) inches above the bottom rung and the next rung at 8 inches. The tool holder will be used as the fourth step.

**ATTACHMENTS TO FRAME AND BUMPER:**

**YES NO**

- Two (2) rear tow hooks installed per county location.
- 1/2 inch steel plate welded to back frame with hose connections and air activied 90,000 lb. pintel hitch.

**COLOR:**

**YES NO**

- All stainless steel to remain natural all other steel to be painted black **BLACK in color.**

**OPTIONAL EQUIPMENT:**

**YES NO**

\_\_\_ \_\_\_ **OPTIONAL SNOW PLOW** to be similar or equal to a Henke 30R11IS Snow plow 11 feet wide and 30 inches tall. Plow to have eight curved vertical ribs, moldboard to have a integral shield which will constitute the mold board face 19 inches forward of the cutting edge. Plow to have a 8 inch cutting edge and a full moldboard trip. A single section 11 ft. by 12 inch rubber shield shall be installed on top of moldboard. Circle push frame shall consist of a 3 1/2 x 3/1/2 x 3/1/2 steel angle rolled in an arc spanning 66 inches. The A-frame will be constructed of 4 inch channel, Trip springs shall be of an enclosed spring trip. The enclosed spring trip consists of an outer housing with two inner compression springs, The outside inner compression spring shall be 5 3/8 in diameter, 19 7/8 long. The inside inner compression spring shall be 3 3/8 in diameter and 19 5/8 long. Plow shall have two, three inch bore reversing hyd. Cylinders and equipped with quick couplers. Standard cutting edge are 1/2 thick x 8 inches tall AASHTO standard punched. Plow to have a universal quick hitch lift frame made of 1/2" x 3" x 4" structural angle. The lower receiving boxes to have stationary welded pins of cold rolled steel. 1 1/2 in diameter and the lower braces for the lift frame are to be 1" x 3" and if adequate length to attach to the chassis above the front axle. All cylinder pins are to be 1" cold roll steel. Lift group must allow the hood on the truck to be opened without removing an of the plow lift group. The lift group to have a telescoping lift arm the lift tube shall be a 3" x 3" x 3/8" steel tube approximately 23 inches long and have four pin positions. Plow lift group to have a double acting cylinder to work with the plow balance valve. **Prices to include installation**

\_\_\_ \_\_\_ **OPTIONAL CINDER SPREADER** to be a self contained stainless steel tailgate spreader for mounting on above spec. single axle dump truck, unit to have a 9 inch gear driven auger. And an opening trough made of 7 gauge stainless steel and 1/4 inch end plates with chain slots for easy removal. Spreader to be a Quick disconnect mounting unit to included end spill shield to eliminate material loss between dump body and spreader. Spinner assembly to be a 18 inch removable spinner direct drive spinner assembly to be adjustable for variations of spread patterns which can be made from right to center and left to center will remaining parallel to the road and all dump angles. All hyd. hook ups to use quick couplers for easy removal. Unit to have a plate to cover auger, for rock hauling without removing the unit from the truck body. **Prices to included installation**

**COLE COUNTY DEPARTMENT OF PUBLIC WORKS  
ONE SINGLE AXLE DUMP TRUCK  
BID NUMBER 2016-23**

**AN EVALUATION MATRIX HAS BEEN ADDED TO THIS BID- PLEASE REVIEW THIS DOCUMENT. MANDATORY AND DESIRABLE ITEMS WILL BE CONSIDERED; BIDS WILL BE EVALUATED BASED ON MEETING THE STATED SPECIFICATIONS, COST, SERVICE, AND DELIVERY TIME.**

THE FOLLOWING ARE THE MINIMUM SPECIFICATIONS FOR ONE (1) NEW SINGLE AXLE DUMP TRUCK WITH A 10 FOOT DUMP BODY AND FRONT MOUNTED CENTRAL HYDRAULICS. THESE SPECIFICATIONS SHOW THE TRUCK COMPONENTS. **TRUCK WILL HAVE AN AUTOMATIC ALLISION 3000 RDS TRANSMISSION.**

**YOU SHALL MEET THE MINIMUM MANDATORY REQUIREMENTS OF THIS BID SPECIFICATION OR YOUR BID WILL BE EXCLUDED.**

State the model on which you put these components together on the BIDDER RESPONSE FORM. It is up to you to change any power train item to make this a complete truck. Gear ratio is left out until the successful respondent consults with the County for the matching engine and transmission.

**Note the bid for your second party for the dump bed central hydraulic and attachments on the BIDDER RESPONSE FORM.**

Bidders must be factory distributors

There will be a post bid meeting with the recommended bidders (truck dealer and bed/hydraulic dealer) and the Public Works Department to discuss the bid proposal prior to any order being placed.

ALL TRANSPORTATION COSTS INCLUDING VEHICLE, BODY AND TRANSPORTATION COMPONENTS ARE F.O.B. DESTINATION FREIGHT PREPAID TO THE COLE COUNTY DEPARTMENT OF PUBLIC WORKS.

THE COUNTY OF COLE RESERVES THE RIGHT TO WAIVE TECHNICALITIES AND TO REJECT ANY OR ALL BIDS. NO BID IS FINAL UNTIL IT IS FORMALLY ACCEPTED BY THE COLE COUNTY COMMISSION.

ANY ADVERTISEMENTS ARE TO BE LEFT OFF VEHICLES DELIVERED TO THE COLE COUNTY DEPARTMENT OF PUBLIC WORKS.

ANY EXCEPTIONS SHALL BE NOTED ON THE BIDDER RESPONSE FORM WHERE INDICATED.

**BID NUMBER 2016-23  
MINIMUM SPECIFICATIONS  
ONE SINGLE AXLE DUMP TRUCK WITH BED AND HYD.**

**MANDATORY – MARKED WITH “M”                      DESIREABLE-MARKED WITH “D”**

ANY EXCEPTIONS SHALL BE NOTED ON THE BIDDER RESPONSE FORM.

**MODEL AND YEAR OF VEHICLE \_\_\_\_\_**

**I. POWER TRAIN COMPONENTS:**

**WHEELBASE**

**YES    NO**

\_\_\_    \_\_\_    **M**-WHEEL BASE: **164** INCH PLUS OR MINUS 4 INCHES CAB TO AXLE, **89** INCHES AXLE TO FRAME

**ENGINE AND ENGINE COMPARTMENT**

**YES    NO**

\_\_\_    \_\_\_    **M**-DIESEL ENGINE: **8.9 LITER OR LARGER**, MIN. 345 H.P., Net SAE Torque 1150 ft/lb

\_\_\_    \_\_\_    MODEL OF ENGINE: \_\_\_\_\_

\_\_\_    \_\_\_    **D**-SNOW GATE ON BREATHER

\_\_\_    \_\_\_    **M**-Heavy duty dry type air cleaner

\_\_\_    \_\_\_    **D**-Full - flow disposable type oil filter

\_\_\_    \_\_\_    **M**-Magnetic oil plug

\_\_\_    \_\_\_    **M**-Low oil pressure and high water temperature alarm system

\_\_\_    \_\_\_    **M**-Heavy duty extra cooling radiator with overflow recovery reservoir

\_\_\_    \_\_\_    **M**-Permanent type anti-freeze installed to protect -20 degrees below zero

\_\_\_    \_\_\_    **M**-12 volt battery with **130** amp or larger alternator

\_\_\_    \_\_\_    **M**-Three 1950 CCA Maintenance free Batteries

\_\_\_    \_\_\_    **M**-1000 watt electric engine block heater

\_\_\_    \_\_\_    **M**-Single VERTICAL EXHAUST PIPE WITH SAFETY SHIELD

\_\_\_    \_\_\_    **M**-Fuel/water separator with electric heater included

**TRANSMISSION**

**YES    NO**

\_\_\_    \_\_\_    **M**- (6) SIX SPEED ALLISON 3000 RDS TRANSMISSION WITH DOUBLE OVERDRIVE  
5<sup>TH</sup> GENERATION CONTROLS TO MEET HORSEPOWER AND TORQUE of ENGINE  
TRANSMISSION TO BE FILLED WITH SYNTHETIC OIL FOR LONGER WARRANTY COVERAGE.

\_\_\_    \_\_\_    **M**- T-BAR TYPE SHIFT CONTROLLER FOR ALLISION TRANSMISSION

**AXLES**

**YES    NO**

\_\_\_    \_\_\_    **M**-AXLE: FRONT        SET FORWARD WIDE TRACK 14,000 # MINIMUM CAPACITY  
ALL OIL LUBRICATED WET SEALS.

\_\_\_    \_\_\_    **M**-AXLES: REAR        23,000 # CAPACITY WITH MAGNETIC TRAP  
REAR AXLE TO BE FILLED WITH SYNTHETIC OIL (EMGARD 75W-90)

**GEAR RATIO TO BE DECIDED AFTER BID AWARD FOR COUNTY APPROVAL!**

**SPRINGS**

**YES    NO**

SPRINGS LOAD CAPACITY:

\_\_\_    \_\_\_    **M**-FRONT:        14,000# TOTAL @ GROUND, MULTILEAF FRONT AUX RUBBER STOPS  
WITH SHOCK ABSORBERS.

\_\_\_    \_\_\_    **M**-REAR:        23,500 lb. WITH 4500 lb. AUXILIARY SPRINGS

**FRAME:**

**YES NO**

- \_\_\_ \_\_\_ **M**-HI-tensile steel frame rated at 120,000 psi, with section modulus as follows:  
C-channel Frame 2,600,000 RBM @ 22.12 Section modulus
- \_\_\_ \_\_\_ **M**-Front 20 inch INTEGRAL extended frame for central hydraulics.
- \_\_\_ \_\_\_ **M**-PROVISIONS FOR FRONT MOUNTED HYD. PUMP (Front 20 inch integral frame extension)

**II. BRAKES:**

**YES NO**

- \_\_\_ \_\_\_ **M**-Complete air brake system with **13.2** cubic foot min. cap. compressor
- \_\_\_ \_\_\_ **M**-ABS Braking System
- \_\_\_ \_\_\_ **M**-Emergency air brake equipment
- \_\_\_ \_\_\_ **M**-Low air pressure warning buzzer
- \_\_\_ \_\_\_ **M**-Dash mounted air pressure gauge
- \_\_\_ \_\_\_ **M**-Rear brake dust shields
- \_\_\_ \_\_\_ **M**-Air dryer with heater
- \_\_\_ \_\_\_ **M**-Front and rear brakes using a limiting automatic slack adjuster

**III. WHEELS & TIRES-SEVEN (7):**

**YES NO**

- \_\_\_ \_\_\_ **M**-Front – 22.5-10 BOLT metric mount 9 inch DC rims with steel hubs “BUDD” DISC WHEELS  
315/80R225 Tubeless Highway Tread Tires
- \_\_\_ \_\_\_ **M**-Rear - 22.5-10 BOLT metric mount 8.25 inch DC rims with steel hubs “BUDD” DISC  
WHEELS  
11R225 14PLY Non Directional Mud and Snow Tires
- \_\_\_ \_\_\_ **M**-Spare – 22.5 – 10 BOLT“BUDD” DISC WHEEL  
11R225 Non Directional Mud and Snow Tire

**IV. CAB: INTERIOR**

**YES NO**

- \_\_\_ \_\_\_ **M**-Premium or high level cab with minimum **HEIGHT CLEARANCE OF 57 INCHES** with tinted glass all around
- \_\_\_ \_\_\_ **M**-Fresh air heat to floor and cab area, dual defrosters, factory installed air-conditioning
- \_\_\_ \_\_\_ **M**-Intermittent electric windshield wipers with washer
- \_\_\_ \_\_\_ **M**-Air horn **FACTORY INSTALLED**
- \_\_\_ \_\_\_ **M**-Drivers seat – Cloth, air suspension, with high back and integral headrest, lumbar support
- \_\_\_ \_\_\_ **M**-Passenger seat – cloth, fixed one-man companion seat, high back (non-suspension)
- \_\_\_ \_\_\_ **M**-Seat belts with outboard retractors for driver and passenger, also with LH and RH shoulder belts
- \_\_\_ \_\_\_ **D**-RH and LH arm rests
- \_\_\_ \_\_\_ **D**-Stowage box on RH side of dash with door and latch
- \_\_\_ \_\_\_ **M**-Power steering
- \_\_\_ \_\_\_ **M** Tilt steering wheel
- \_\_\_ \_\_\_ **M**-High idle hand throttle control – locking type or electronic
- \_\_\_ \_\_\_ **M**-AM/FM/CD Radio **cell phone blue tooth capable**
- \_\_\_ \_\_\_ **M**-Gauge cluster with engine tachometer, speedometer, water temperature, oil pressure, air pressure, volts, and fuel guage.
- \_\_\_ \_\_\_ **M**-Dome light and hazard warning flashers
- \_\_\_ \_\_\_ **D**-CIGARETTE LIGHTER/CELL PHONE AUXILLARY JACK
- \_\_\_ \_\_\_ **D**-Dual padded sun visors
- \_\_\_ \_\_\_ **M**-Electric hook ups for two auxiliary items (cb & two way radio)
- \_\_\_ \_\_\_ **M**-Power windows and Power door locks

**V. CAB: EXTERIOR STEEL CONVENTIONAL CAB**

**YES NO**

- \_\_\_ \_\_\_ **M-MOTORIZED** LH and RH HEATED west Coast type 6 inch by 16 inch mirrors MOUNTED ON ALUMINUM HEADS AND BRACKETS.
- \_\_\_ \_\_\_ **D-Mirrors** to have integrated heated spotting mirrors mounted below west coast mirrors LH and RH
- \_\_\_ \_\_\_ **M-LH** Running board
- \_\_\_ \_\_\_ **D-Drip** moldings over doors
- \_\_\_ \_\_\_ **D-Forward** tilting fiberglass hood and fenders with stationary grill
- \_\_\_ \_\_\_ **D-Front** Fender extensions
- \_\_\_ \_\_\_ **M-Front** Steel bumper, swept back with two (2) tow hooks.
- \_\_\_ \_\_\_ **M-Halogen** Headlights
- \_\_\_ \_\_\_ **M-Cab** rear suspension, air bag type
- \_\_\_ \_\_\_ **M-Combination** tail and stop lights rear - mounted between frame and not to extend beyond the rear part of the frame
- \_\_\_ \_\_\_ **D-Dual** face front fender mounted turn signal lamps with reflectors and side markings
- \_\_\_ \_\_\_ **M-Electronic** Rear back-up alarm controlled with back-up light.
- \_\_\_ \_\_\_ **D-RH** and LH Cab entry assist grab handles
- \_\_\_ \_\_\_ **M-Fuel** tank, Aluminum 50 US Gal. diesel, step mounted located on left side of cab

**TRACTOR PACKAGE**

- \_\_\_ \_\_\_ **M-Tractor** Package with air and glad hands to rear of truck, and electrical hook ups for seven pin trailer jacks.

**VI. ELECTRICAL SWITCHES OR CIRCUITS FOR AUXILLARY EQUIPMENT**

**YES NO**

- \_\_\_ \_\_\_ **M-Seven** way trailer connection socket mounted at the rear of frame
- \_\_\_ \_\_\_ **M-Auxiliary** harness for snow plow lights front mounted
- \_\_\_ \_\_\_ **M-Circuits** for electronic snow plow equipment (check with bed installer)
- \_\_\_ \_\_\_ **M-One** outside work light
- \_\_\_ \_\_\_ **M-Minimum** of 4 extra 20 amp circuits and toggle switches dash mounted for extra equipment
- \_\_\_ \_\_\_ **M-Pigtail** wiring for stop, tail, turn lights at the rear corner post of dump body
- \_\_\_ \_\_\_ **D-Pre** trip exterior light test switch, will cycle all exterior lamps except back up lights.

**PAINT REQUIREMENTS: (MANDATORY)**

Exterior color to be Dupont automotive Dulux Enamel Paint **WHITE** IN COLOR, **WHITE** WHEELS,- **BLACK** frame, and undercarriage to be black. Grille, headlamp rims, bumper, etc., to be standard component color. Interior color to be exterior color with color with color keyed interior trim, upholstery, seat belts, visors, floor mats, and etc.

**NOTE: All Equipment and options shall be factory installed.**

**Warranty**

**Bidder to include a bid for an extended warranty of 5 years, 150,000 miles or 5400 hrs on engine, engine electronics and fuel injectors for this period of time.**

**BIDDER RESPONSE FORM**  
**BID NUMBER 2016-23**  
**ONE SINGLE ANXLE DUMP TRUCK**

EXCEPTIONS TO CHASSIS BID, IF ANY, ARE TO BE NOTED HERE.

WHEEL  
BASE \_\_\_\_\_  
\_\_\_\_\_

ENGINE \_\_\_\_\_  
\_\_\_\_\_

TRANSMISSION \_\_\_\_\_  
\_\_\_\_\_

CLUTCH \_\_\_\_\_  
\_\_\_\_\_

AXLES \_\_\_\_\_  
\_\_\_\_\_

SPRINGS \_\_\_\_\_  
\_\_\_\_\_

FRAME \_\_\_\_\_  
\_\_\_\_\_

BRAKES \_\_\_\_\_  
\_\_\_\_\_

WHEEL  
ASSEMBLE \_\_\_\_\_  
\_\_\_\_\_

CAB  
INTERIOR \_\_\_\_\_  
\_\_\_\_\_

CAB  
EXTERIOR

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TRACTOR  
PACKAGE

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ELECTRIC  
CIRCUITS

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