

TANEY COUNTY

REQUEST FOR BID No. 201504-298



SINGLE AXLE DUMP TRUCKS (2- Wheel Drive.)

Bid Schedule / Deadlines:

April 1 – April 27, 2015

Bid Release Date / Advertising Period.

April 20, 2015 at 2:00 P.M.

Deadline for Submitting Questions.

April 27, 2015 at 2:00 P.M. **Closing Date / Time.**

April 28, 2015 at 10:15 A.M. **Opening Date / Time.**

April 28 – May 4, 2015

Bid Release Date / Advertising Period.

Attn: **Ron Erickson, Director of Purchasing**

Phone: 417-546-7281 / FAX: 417-546-3931

rone@co.taney.mo.us

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Commodity Title: **SINGLE AXLE DUMP TRUCKS (2-WHEEL DRIVE)**
 PLEASE MARK YOUR ENVELOPE "SEALED BID #201504-298"
 RETURN ONE (1) ORIGINAL & THREE (3) HARD COPIES.

Bid Submission

Location / Mail Address: Taney County Purchasing Department (Second Floor)
 132 David St. / P. O. Box 1630
 Forsyth, MO 65653

Bid Opening

Location / Address: Taney County Commission Hearing Room (Old Courthouse)
 132 David Street
 Forsyth, Mo. 65653

The undersigned certifies that they have the authority to bind this company in an agreement to supply the commodity or service in accordance with all terms, conditions, and pricing specified herein or to offer a "No Bid." Type or print information below. Bidder is REQUIRED to complete, sign and return this form with their submittal of Bid as well as all pages initialed. *An authorized signature and email address is mandatory, lack thereof will result in a determination of "Non-Responsive".

 Company Name

 Address

 City/County/State/Zip

 Telephone # Fax #

 *E-mail

 Authorized Person (Print)

 *Signature

 Title

 Date Tax ID #

 Entity Type (Corporation, LLC, Sole Proprietor, Partnership)

Welcome... Thank you for taking the time to review / participate in the following project and Thank You for your interest in Taney County Missouri.

- *There are several steps, requirements and legalities which must be followed when engaging in an effort to respond to any certain Bid.*
- *Here I hope to assist any/all participants in making sure everyone has a fair and pleasant experience regarding this Bid.*
- *Please keep in mind that it is entirely possible that despite our best efforts information as detailed within this Bid may NOT include everything for every possible situation. Please contact me if you experience this.*
- *Historically 90% of the questions we receive are already answered within the full Bid Package.*
- *PLEASE READ all of the information CLOSELY and if you have a question review the information again as it is most likely you will find the answer.*
- *We ask, or rather require, that any/all questions be emailed rather than calling.*
- *All emails received WILL be answered as indicated within the written guidelines for written questions. (See Section #3)*
- *For areas, questions, and requirements that do not always apply - "N/A" may be an option. (See Item 4.3)*
- *Do not get "Side Tracked" by "Boiler-Plate" wording as it is impossible to "Tailor-Make" every single Bid Package 100% of the time to be a perfect fit. The mere word "Bid" suggests "an express effort to win". Be creative, offer options, and GOOD LUCK...!*

1. BIDDING PROCESS INFORMATION

The Purchasing Department is responsible for the Bid opening at the time and place noted in the request. If a Vendor is interested in a copy of the Bid tabulation they must include a direct email address, not website, in order to receive results. Obviously sealed Bids cannot be emailed so they must either be delivered by hand, courier, or USPS. (Please note USPS concerns listed in item #2.3)

A formal invitation for Bid is utilized when the total purchase exceeds \$4,500. The County also uses this method when the life of a term and supply contract is valued more than \$4,500. The Bid Package will contain well-defined standard technical specifications for the nature of the service or product requested. A formal closing date and time is specified. The Bidder must comply with this requirement in order to be considered for award. All Formal Invitations for Bid are handled by the Taney County Purchasing Department. Technical specifications are the responsibility of the specific requesting department.

As a courtesy the below “BIDDING TIPS” Table is offered to assist Bidders. Feel free to use it as a checklist and information source to help create a more accurate response which is more compliant than it might otherwise turn out. Use a checkmark (✓) in the correct box as it applies to ensure everything is covered...

A = Acknowledged below item with intent to comply/agree with as it may/may not apply.
N = Not applicable.

<i>ITEM #</i>	<i>BIDDING TIPS (Suggestions & Requirements.)</i>	<i>A</i>	<i>N</i>
1.1	Read ALL Bid documents closely / immediately upon receipt.		
1.2	Note any/all special dates or requirements.		
1.3	See Items 3.1 & 3.2 for the process to submit questions.		
1.4	Handwritten responses must be clearly legible – in ink.		
1.5	Un-readable responses will be rejected.		
1.6	Three (3) copies of Bid are required. Please differentiate copies from original.		
1.7	Turn your Bid in as soon as possible.		
1.8	Deadline dates and times are strictly adhered to.		
1.9	The County cannot, and will not, accept any late Bids.		
1.10	No fax or electronic transmitted Bids will be accepted.		
1.11	In the event of only one response the County may reject the Bid and re-let it or consider other options which provide the best solutions - always acting in the best interest of Taney County.		
1.12	When a Bid, or project, includes pre-bid meetings or on site visits, Bidder attendance and compliance with sign-up sheets, etc., is mandatory.		
1.13	Pay close attention to the terms <i>must, will, shall, should or may</i> .		
1.14	Include a current/signed W-9 form with your company information. Having this up front benefits any awarded Vendor by greatly expediting our payment process. Taney County Accounts Payable Department must have this form before they can process payment.		
1.15	Include, if applicable, current prevailing wage considerations with your Bid.		
1.16	Remember to sign the Bid sheet as this is mandatory.		

The following sections; 2, 3, and 4 include instructions, conditions, guidelines, requirements and other key factors that must be understood. Using the checkmark system here will assist Vendors in participating correctly and limit the possibility of their response being disqualified due to a technicality. Use a checkmark (✓) to acknowledge each of the following items. We have found this method improves communications and helps to avoid confusion.

2.	INSTRUCTIONS AND GENERAL CONDITIONS:	(✓)
2.1	Delivery of: Sealed Bids, subject to Instructions and General Conditions and any special conditions set forth herein, will be received at the Taney County Purchasing Office until the Bid closing date and time indicated herein for furnishing the County with goods, and or, services as detailed in the following.	
2.2	Closing: Sealed Bids must be delivered before “Closing Date / Time” as listed on page one, to the Taney County Purchasing Department as listed on page two. Bidders should take into account all possible risks of their Bid not arriving in time when electing to mail in Bids too close to the above closing date. Often the Post Office leaves a “pick up slip” in our PO Box which may / may not allow us time to retrieve said item. It is the Bidders responsibility, not the county, nor the Post Office, to ensure their Bids are delivered in time to the Purchasing Department. (Extra steps may be needed if your Bid response package is a large box.)	
2.3	Late Packages: The County will not accept any Bids received after the listed closing date/time. Late Bids are “NON-RESPONSIVE”. They will be returned un-opened.	
2.4	Opening: Bids will be opened publicly at “Opening Date / Time”, as listed on page one, and read aloud. All Bid responses will be considered public information as soon as they are opened and become a part of public record to be released to any person or firm who formally requests it.	
2.5	Award / Timeline: Recommendation for award will be made formally to the Taney County Commission at a later date after a full and complete review process – often within a few days of the Bid opening. Updates may be sent via email should the award process become delayed for any reason. (10 days or more.)	
2.6	Withdrawals: Bids may be withdrawn on written request from the Bidder at the address shown in this RFB prior to the time of acceptance of the Bid.	
2.7	Sealed & Marked: Bids must be submitted in a sealed envelope identified with the Bid number and dates of closing & opening. List the Bid number on the outside of the box or envelope and note “Response to Request for Bid enclosed”. Also include a return name & address. No fax or electronic transmitted Bids will be accepted. (NOTE: Please make sure your package indicates “BID”, with the BID NUMBER - on the final outside surface of your package.)	
2.8	No Bid: If you do not want to submit a Bid, please return the No Bid Response Form at the bottom of the last page of this package, and note your reason(s). (Optional).	
2.9	Bidder Expenses: This County is not responsible for any expenses which Bidders may incur in estimating, inspecting, nor preparing and submitting Bids called for in this Request for Bid.	

2.10	Presentations: The County reserves the right to conduct personal interviews or require presentations of any or all proposers prior to selection. The County will not be liable for any costs incurred by the Bidder in connection with such interviews or presentations (i.e. travel accommodations, etc.)	
2.11	Bid Term: All Bids submitted shall be binding, and remain firm for ninety (90) calendar days following the opening. Pricing / Costs submitted within this response MUST BE HONORED within that set timeframe. Bidders should NOT respond unless certain on this point.	
2.12	Bid Rejection: The Taney County Commission reserves the right to reject any or all Bids, when such rejection is in the best interest of the County.	
2.13	Multiple Awards: Bids may be awarded to one company or multiple companies; when such award is deemed in the best interest of the County.	
2.14	Payment Terms: County standard payment terms are Net 30 after receipt of invoice. There are NO EXCEPTIONS to this system. Once products, or services, are received and accepted Taney County will process payment in full. Requests for credit applications are not necessary and will – in most cases – not be processed. Requests for deposits are not necessary and will not be accepted.	
2.15	Effective: This agreement shall take effect upon the approval by the Taney County Commission.	
2.16	Alterations: Any alterations, changes, lining out, or margin notes to any items within sections 2, 3, 4 may result in being determined non-responsive and/or disqualified.	
2.17	Direct Email Address: An email address MUST be provided in order to receive award results. (Not simply a website.) We do not use USPS for results only email. Final award results will be emailed to all responding Vendors. Results will also be posted on our website at: www.taneycounty.org . Please do not call for results.	
3.	GUIDELINES FOR WRITTEN QUESTIONS, ANSWERS (ADDENDA), ETC	(✓)
3.1	All questions shall be submitted prior to the Bid opening and no later than 2:00 P.M. Monday April 20, 2015. Questions must be emailed to; rone@co.taney.mo.us	
3.2	All questions will be answered in written addendum form and emailed to all parties who had previously been part of the original DBI (Direct Bid Invitation email), or had made email contact during the open Bid questioning timeframe. Addendum email will be sent as close as possible to the day following the deadline listed in item 3.1 above. Same addendum will also be posted on the Taney County website.	
3.3	Any/all addenda will be attached at the end of the posted Bid. An indication, in red, will alert visitors to our website as to the presence of any addenda.	
3.4	Aside from routine questions if it becomes necessary to revise any part of this RFB, written addendum will be issued to address that need. Any addendum to this RFB is valid only if in writing and issued by the Taney County Purchasing Department.	
3.5	Sunshine Laws: Per applicable laws and regulations concerning public documents, all Bid responses will be considered public information as soon as they are opened and become a part of public record releasable to any person or firm that requests it. Requests for copies, of Bid responses, must be made through the Taney County Clerk's Office (417-546-7202) requiring a Public Service Request Form (PSR). By law charges for time spent as well as a cost per page apply. Payment for copying fees is required prior to the making of copies. (<i>Section 610.026, RSMo.</i>)	

4.	BASIC REQUIREMENTS / FACTORS:	(✓)
4.1	Award of Contract: The County reserves the right to award to more than one (1) supplier. Multiple awards may be made on the basis of a primary, secondary, and tertiary supplier. The primary supplier shall furnish the County's requirements until such time as the County determines that it is in the best interest of the County to seek performance from the secondary supplier, then tertiary supplier. The County's decision will be based upon the ability of the primary source to supply acceptable goods or services within the County's time requirements. The County's decision to utilize the secondary and tertiary sources shall be final and conclusive. In addition, the resulting contract from this RFB will be considered "Non-Exclusive". The County reserves the right to obtain service from other suppliers.	
4.2	Agreement: The entire contents of the Bid response documents submitted by the successful Bidder of this Bid shall include <u>all</u> Bid documents and will become a part of any contract award as a result of this solicitation. In lieu of any formal / separate contract, post award, these signed Bid Documents will be considered as such and therefore binding. Bidder shall initial all pages where the document denotes "Bidder's Initials: ____". Any bids not complying with this condition may be considered non-responsive and rejected.	
4.3	Response Content: In order to enable direct comparison of competing Responses, Bidders must submit Responses 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 forms provided herein. Every question must be answered and if not applicable, the section must contain "N/A."	
4.4	Advice of Award: The County's Bids, Bid Tabulations, and Bid Award information may be viewed on our website at www.taneycounty.org . (Purchasing Dept. Page.)	
4.5	Response Clarification: The County reserves the right to request additional written or oral information from Bidders in order to obtain clarification of their Responses.	
4.6	Rejection or Correction of Responses: The County reserves the right to reject any or all Responses. Minor irregularities or informalities in any Response which are immaterial or inconsequential in nature, 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.	
4.7	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 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.	
4.8	Acceptability: The County reserves the sole right to determine whether goods and/or services offered are acceptable for County use.	

5. SCOPE OF SERVICES:

- 5.1 The Taney County Purchasing Department will be accepting and reviewing all responses to this RFB for two (2) Single Axle Dump Trucks (2- Wheel Drive) for the Taney County Road & Bridge Department, at the lowest possible cost..
- 5.2 Road & Bridge Coordinator, Randy Haes, has included pages of specifications which must be met as closely as possible. Where after Vendors need to submit one total price for each truck.
- 5.3 Pricing MUST include delivery to the Taney County Road & Bridge Department at: 139 David St. Forsyth, Missouri 65653.
- 5.4 For questions concerning ALL listed specifications, or ALL technical questions, the below "Department Point of Contact" MUST be contacted:

Randy Haes,
Coordinator
Taney County Road & Bridge
417-546-7268 (off) / 417-546-7924 (cell)

randyh@co.taney.mo.us

6. SPECIFICATIONS: 2 GVW 26000 Single Axle 2 – Wheel Drive Dump Trucks

Below specifications involving areas that do not have significant impact such as interior color – may be considered "as / or equivalent to". Bidders do not need to call regarding these areas but rather may offer various options, again, specific to items that do not create significant impact.

- 6.1 2015 MODEL YEAR SPECIFIED:
- 6.2 FLAT BED.
- 6.3 TRAILER TOWING PROVISION AT END OF FRAME FOR TRUCK.
- 6.4 LH PRIMARY STEERING LOCATION.
- 6.5 CLASS 6 CHASSIS WEIGHT RATING.
- 6.6 GENERAL SERVICE:
- 6.7 TRUCK/TRAILER CONFIGURATION.
- 6.8 DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES).
- 6.9 CONSTRUCTION SERVICE.
- 6.10 GOVERNMENT BUSINESS SEGMENT.
- 6.11 DIRT/SAND/ROCK COMMODITY.
- 6.12 TERRAIN/DUTY: 80% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS.
- 6.13 MAXIMUM 15% EXPECTED GRADE.
- 6.14 SMOOTH CONCRETE OR ASPHALT PAVEMENT-MOST SEVERE IN-TRANSIT (BETWEEN SITES ROAD SURFACE).
- 6.15 PETERBUILT VOCATIONAL WARRANTY. (OR EQUIVALENT)
- 6.16 EXPECTED FRONT AXLE(S) LOAD: 10,000.0 LBS.
- 6.17 EXPECTED REAR DRIVE AXLE(S) LOAD: 20,000.0 LBS.
- 6.18 TRUCK SERVICE:
- 6.19 FRONT PLOW END DUMP BODY.
- 6.20 EXPECTED GROSS VEHICLE WEIGHT CAPACITY 26,000 LBS.

- 6.21 ELECTRONIC PARAMETERS:
- 6.22 65 MPH ROAD SPEED LIMIT.
- 6.23 CRUISE CONTROL SPEED LIMIT 2 MPH HIGHER THAN ROAD SPEED LIMIT.
- 6.24 ENGINE EQUIPMENT:
- 6.25 PACCAR PX-7 300@2600 GOV@2600 660@1600.
- 6.26 ENGINE IDLE SHUTDOWN TIMER ENABLED.
- 6.27 ENABLE EIST AMBIENT TEMP OVERRULE.
- 6.28 EFF EIST NA EXPIRATION MILES.
- 6.29 EFFECTIVE VSL SETTING NA.
- 6.30 CARB ENGINE IDLING COMPLIANCE.
- 6.31 PACCAR 160AMP ALTERNATOR, BRUSHED.
- 6.32 IMMERSION TYPE PRE-HEATER 110-120V.
- 6.33 PACCAR 12V STARTER.
- 6.34 2 PACCAR PREMIUM 12V DUAL PURPOSE BATT 1400 CCA.
- 6.35 BATTERIES IN LH BOC BOX.
- 6.36 BATTERY JUMPER TERMINAL.
- 6.37 2-SPEED FAN CLUTCH FOR FREQUENT START/STOPS.
- 6.38 18.7 CFM AIR COMPRESSOR.
- 6.39 SPIN-ON FUEL FILTER FRAME MOUNTED HEATED.
- 6.40 HIGH EFFICIENCY COOLING SYSTEM.
- 6.41 RADIAL SEAL, DRY TYPE AIR CLEANER, FRONTAL.
- 6.42 EXHAUST SINGLE RH SIDE OF CAB.
- 6.43 24IN HT, 5IN DIA CHROME, CLEAR COAT STANDPIPE(S).
- 6.44 TRANSMISSION:
- 6.45 ALLISON 3000 RDS-P TRANSMISSION, GEN 5.
- 6.46 1710 HD DRIVELINE, SINGLE MIDSHIP BEARING.
- 6.47 DASH MOUNTED SINGLE ACTING AIR PTO CONTROL.
- 6.48 PROGRAMMING ALLISON SNOWPLOW.
- 6.49 ALLISON FUEL SENSE NOT DESIRED.
- 6.50 AUTO NEUTRAL ACTIVATES WITH PARKING BRAKE.
- 6.51 ALLISON 6-SPEED CONFIGURATION, CLOSE RATIO GEARS.
- 6.52 DASH MOUNTED PUSH BUTTON SHIFTER.
- 6.53 AIR & TRAILER EQUIPMENT:
- 6.54 BENDIX AS-IS AIR DRYER WITH HEATER.
- 6.55 BERG PULL CORD DRAIN VALVE(S) – ALL AIR TANKS.
- 6.56 NYLON CHASSIS HOSE.
- 6.57 STEEL PAINTED AIR TANK.
- 6.58 HIGH MOUNTED AIR TANKS BOC/BOS WHERE POSSIBLE.
- 6.59 WIRING PROVISION FOR F/O BRAKE CONTROLLER.
- 6.60 BODY CONNECTIONS 5FT BOC.
- 6.61 A&E CONN EOF W/7-WAY SOCKET(W/CONN EOF STRAPPED TO THE RAIL).
- 6.62 TIRES & WHEELS:
- 6.63 FF: BR 16PLY 255/70R22.5 R25OED.
- 6.64 RR: BR 16PLY 255/70R22.5 M726.
- 6.65 FF: ACCUR STL ARMOR 50487PK 22.5 X 8.25.
- 6.66 RR: ACCUR STEEL ARMOR 50487PK 22.5 X 8.25.
- 6.67 CODE REAR RIM QTY 4.
- 6.68 FUEL TANKS:
- 6.69 26IN ALUMINUM 50 GALLON FUEL TANK LH U/C.
- 6.70 DEF TANK MOUNTED LH UNDER CAB.
- 6.71 STANDARD DEF TO FUEL RATIO 2:1 OR GREATER.

6.72 DEF TANK SMALL.

6.73 BATTERY BOX & BUMPER:

- 6.74 ALUMINUM SPACE SAVER BATTERY BOX LH BOC.
- 6.75 RUBBER BATTERY PAD IN BOTTOM OF (1) BATTERY BOX.
- 6.76 AFTER TREATMENT RH U/C ALUM NON-SLIP CAB ENTRY.
- 6.77 STEEL STYLED AERO BUMPER PAINTED CAB COLOR.

6.78 CAB & EQUIPMENT:

- 6.79 ALUM CAB 108 IN BBC METTON HOOD W/BRIGHT CROWN.
- 6.80 ULTRA RIDE DRIVER SEAT.
- 6.81 2 PERSON PASSENGER SEAT.
- 6.82 DRIVERS ARMREST – RH ONLY.
- 6.83 AIR RIDE DRIVER.
- 6.84 HIGH BACK DRIVER.
- 6.85 CLOTH DRIVER.
- 6.86 NON-AIR RIDE PASSENGER.
- 6.87 LOW BACK PASSENGER.
- 6.88 CLOTH PASSENGER.
- 6.89 ADJUSTABLE STEERING COLUM – TILT/TELESCOPE.
- 6.90 STEERING WHEEL WITH LOGO.
- 6.91 INTERIOR GREY COLOR.
- 6.92 EXTENDED REAR WINDOW IPO STD WINDOW-DAY CAB.
- 6.93 DAY CAB REAR WINDOW.
- 6.94 ONE PIECE CURVED WINDSHIELD.
- 6.95 COMBO FRESH AIR HEATER/AIR CONDITIONER.
- 6.96 STAINLESS STEEL MIRRORS 7 X 16 WITH HEAT ELEMENT.
- 6.97 2 CONVEX 8IN SS MIRROR.
- 6.98 STANDARD SPEAKER PACKAGE FOR CAB.
- 6.99 CONCERT CLASS WITHOUT CD, AUDIO, AM/FM.
- 6.100 CB TERMINALS/WIRING MTD UNDER HEADER.
- 6.101 CB ANTENNA MOUNTING, RH MIRROR.
- 6.102 PLUG-IN AUTO RESET CIRCUIT BREAKER.
- 6.103 ELECTRIC WINDSHIELD WIPERS.
- 6.104 CAB MATE CAB AIR SUSPENSION.
- 6.105 TRIANGLE REFLECTOR KIT SHIPPED LOOSE.
- 6.106 5LB 3A:40BC FIRE EXTINGUISHER CAB MOUNTED.
- 6.107 BACKUP ALARM (107 DB).
- 6.108 AIR RESTRICTION INDICATOR.
- 6.109 BUZZER ON AIR SUSPENSION DUMP VALVE.
- 6.110 2 ADDITIONAL ELECTRIC SWITCHCES W/O WIRING.
- 6.111 MAIN INSTRUMENTATION PANEL W/GRAPHICS DISPLAY.
- 6.112 HEADLIGHTS COMPOSITE FENDER MOUNTED.
- 6.113 5 MARKER LIGHTS, AERO LED.
- 6.114 SWITCH AND WIRING FOR F/O BEACON/STROBE.

6.115 FRAME EQUIPMENT:

- 6.116 10-5/8IN STEEL RAILS TO 285IN.
- 6.117 150IN WHEEL BASE.
- 6.118 THREE PIECE CROSSMEMEBERS.
- 6.119 SOF SQUARE WITHOUT EXMBR.

6.120 FRONT AXLE & EQUIPMENT:

- 6.121 DANA SPICER E10021 10,000LB.
- 6.122 TAPER LEAF SPRINGS, SHOCKS 10,000LB.
- 6.123 POWER STEERING SHEPPARD HD94.

- 6.124 POWER STEERING RESERVOIR FRAME MOUNTED.
- 6.125 PHP10 ALUMINUM LMS HUBS.
- 6.126 DANA SPICER WIDE TRACK IPO STD, FRONT AXLE.
- 6.127 BENDIX AIR CAM FRONT DRUM BRAKES 16.5 X 5.
- 6.128 DUST SHIELDS, CAM AND AIR DISC BRAKES, FRONT AXLE.
- 6.129 GUSSETED CAM BRACKETS, STEER AXLE.

- 6.130 REAR AXLE & EQUIPMENT:
- 6.131 DANA SPICER P20060S 20,000LB.
- 6.132 PHP10 IRON LMS HUBS.
- 6.133 PARKING BRAKES (AXLE PACKAGE).
- 6.134 DIFF LOCK REAR-REAR OR SINGLE DRIVE AXLE.
- 6.135 GUSSETED CAM BRACKETS, DRIVE AXLE.
- 6.136 SMB VALVE.
- 6.137 SINGLE DRIVE AXLE (MODEL 337).
- 6.138 ANTI-LOCK BRAKING SYSTEM (ABS) 4S4M.
- 6.139 BENDIX AIR CAM REAR DRUM BRAKES 16.5 X 7.
- 6.140 RATIO 4.11 REAR AXLE.
- 6.141 LOW AIR LEAF 21,000LB, LIGHT WEIGHT.
- 6.142 DASH MTD DUMP SWITCH WITH INDICATOR LIGHT.

- 6.143 DESIGN / COLOR:
- 6.144 PPG BASE CLEAR HSB 921897 SCHOOL BUS YELLOW.
- 6.145 1 COLOR CAB/HOOD.

- 6.146 TANEY COUNTY ROAD & BRIDGE SPECIFICATIONS ON A DUMP BODY:
- 6.147 3/16IN SMOOTH PLATE FLOOR.
- 6.148 7IN STRUCTURAL CHANNEL LONG SILLS.
- 6.149 3IN STRUCTURAL CHANNEL CROSSMEMBERS ON 12IN CENTERS.
- 6.150 POCKETS 4-SIDES & RUB RAILS 2-SIDES.
- 6.151 LENGTH – 10FT
- 6.152 WIDTH – 96IN
- 6.153 COLOR – BLACK
- 6.154 FULL LIGHT PACKAGE.
- 6.155 52IN HD HEADER 10 GUAGE WITH 16IN X 20IN PLASMA CUT WINDOW.
- 6.156 5IN STRUCTURAL CHANNEL PERIMETER.

- 6.157 SCISSOR HOIST:
- 6.158 NTEA CLASSIFICATION E DUMP BODY.
- 6.159 CYLINDER SPECIFICATIONS: 6IN BORE; 23IN STROKE; 2-1/2IN DIAMETER ROD.
- 6.160 MOUNTING HEIGHT: 8IN
- 6.161 CAPACITY RANGE: 19.9 TON @45°
- 6.162 APPROXIMATE WEIGHT: 972LBS

- 6.163 SPECIFICATIONS ON SNOWPLOW:
- 6.164 10FT LONG X 36IN HIGH SNOWPLOW W/BUILT IN DEFLECTOR SHIELD.
- 6.165 CUTTING EDGE DIMENSIONS: 5/8IN X 6IN X120IN.

- 6.166 MOLDBOARD:
- 6.167 #10 GUAGE MATERIAL – 1-9/16IN INCREMENTS ABOVE THE INITIAL 6IN BASE SECTION OF MOLDBOARD ABOVE CUTTING EDGE.
- 6.168 REINFORCED BY 6 VERTICAL RIBS 1/2IN X 3IN MATERIAL FORMED TO THE 23-1/2IN RADIUS OF PLOW.
- 6.169 FURTHER REINFORCEMENT BY 3IN X 2-1/2IN X 1/4IN X 120IN LONG FORMED ANGLE AND ALSO THROUGH BOTTOM ANGLE OF 4IN X 4IN X 5/8IN X 120IN WITH 9-3/8IN X 1-1/2IN HR FLAT 4IN LONG REINFORCED GUSSETS.

- 6.170 3-HINGE POINTS 1IN WALL USED AS THE CONNECTING AND BEARING POINT FOR THE PUSH TABLE ASSEMBLY.
- 6.171 PUSH TABLE SHALL CONNECT TO THE MOLDBOARD AT 3 POINTS USING 1-1/4IN HINGE PINS, WITH AN OUTSIDE SPREAD OF 76IN.
- 6.172 PUSH TABLE:
- 6.173 WELD ASSEMBLY SHALL CONSIST OF A TUBE ASSEMBLY OF 3IN SQUARE TUBE WITH 1/4IN WALL 76IN LONG.
- 6.174 6-1/2IN STEEL PLATES WITH TOTAL OF 2IN OF BEARING SURFACE EACH CONNECTED TO MOLDBOARD ASSEMBLY.
- 6.175 CIRCLE ANGLE OF 3-1/2IN X 3-1/2IN X 1/2IN MATERIAL WELDED TO THE TUBE WITH RADIUS OF 18IN.
- 6.176 2-STOP BLOCKS CONSTRUCTED OF 1-1/2IN X 2-1/2IN X 5IN STEEL MATERIAL TO ASSIST THE POWER REVERSE AT A 35° PUSH ANGLE.
- 6.177 CONSTRUCTED WITH A 1-1/2IN PIVOT PIN FOR THE "A" FRAME ASSEMBLY.
- 6.178 ELECTRICALLY WELDED THROUGHOUT.
- 6.179 "A" FRAME:
- 6.180 LOCATED BELOW THE CIRCLE ANGLE AND MADE OF 3IN-6.00# CHANNEL WITH REAR CROSS-ANGLE OF 6IN X 4IN X 3/4IN ANGLE 34IN LONG.
- 6.181 A 1-1/2IN X 7IN "A" FRAME BOLT TO ATTACH "A" FRAME TO PUSH TABLE.
- 6.182 PLOW ANGLE EITHER THE RIGHT OR LEFT AT ANY ANGLE UP TO 35°.
- 6.183 REVERSING THE PLOW SHALL BE ACCOMPLISHED THRU 2 DOUBLE ACTING 2-1/2IN X 8IN CYLINDERS.
- 6.184 REVERSING CYLINDERS SHALL BE BELOW CIRCLE ANGLE.
- 6.185 CYLINDERS SHALL HAVE HARD CHROME PLATED PISTON RODS AND RUBBER ROD WIPER.
- 6.186 CANNON:
- 6.187 TRIP SPRING ASSEMBLY ALLOWING MOLDBOARD TO TRIP FORWARD, PASS OVER AN OBSTRUCTION, AND INSTANTLY RETURN TO PLOWING POSITION.
- 6.188 COMPRESSION SPRING INSIDE A CANNON TYPE ASSEMBLY.
- 6.189 CANNON TRIP ASSEMBLY MUST BE ADJUSTABLE FOR ADJUSTING CUTTING EDGE ATTACK ANGLE TO THE ROAD SURFACE.
- 6.190 ADJUSTABLE FOR TENSION AND MUST BE FIELD REPAIRABLE WITHOUT THE USE OF SPECIAL TOOLS.
- 6.191 SWIVEL BAR:
- 6.192 CONSTRUCTED OF 4IN SQUARE TUBING WITH 1IN LUGS, WELDED ON 30-1.2IN PINHOLE CENTERS WITH 1-1/4IN PUSH-PINHOLE.
- 6.193 SWIVEL BOLT OF 1-1/2IN X 7-1/2IN (MINIMUM OF GRADE 5) DRILLED FOR A COTTER KEY AND FURNISHED WITH A HEAVY SLOTTED NUT.
- 6.194 SWIVEL BAR MAY BE ADJUSTED.
- 6.195 QUICK LINK SWIVEL BAR.
- 6.196 TAPERED RESILIENT RUBBER DEFLECTOR.
- 6.197 CUSHION VALVE.
- 6.198 PF91STC PUSH FRAME GENERAL:
- 6.199 BUMPER TO FRAME HITCH WITH A TILT FEATURE ALLOWING SNOWPLOW TO REMAIN COUPLED TO THE PUSH FRAME WHILE SERVICING VEHICLE.
- 6.200 LEVEL LIFT FEATURE SO WHEN PLOW IS RAISED CAN ROTATE RIGHT OR LEFT WITHOUT MAJOR PLOW LIST IN EITHER DIRECTION.

6.201 BUMPER ANGLE:

6.202 4IN X 4IN X 1/2IN X 39-7/8IN LONG MATERIAL ATTACHED TO THE TRUCK FRONT BUMPER FRAME SUPPORT AND TO THE UPRIGHT RAILS BY 5/8IN FASTENERS.

6.203 POSITIONED IN PLACE FOR PROPER MOUNTING HEIGHT BY SELECTING ONE OF THE EIGHT PRE-DRILLED HOLES THAT ALLOW THE PUSH CHANNELS TO REMAIN PARALLEL TO THE GROUND.

6.204 BOTTOM MAIN FRAME:

6.205 PUSH FRAME SHALL BE 26-5/8IN HIGH X 33-1/4IN WIDE, CONSTRUCTED OF RIGHT AND LEFT 4IN X 3IN X 3/8IN VERTICAL ANGLE 22-1/2IN LENGTH WITH HORIZONTAL TOP AND BOTTOM 4IN X 3IN X 3/8IN ANGLE.

6.206 VERTICAL MEMBERS OF 4IN X 3IN X 1/2IN ANGLE WILL BE USED FOR ADDITIONAL STRENGTH, ANGLES ARE PROVIDED WITH A (8) 11/16IN HOLES FOR VARIOUS MOUNTING HEIGHTS.

6.207 TWO HOLES UPPER AND LOWER IN EACH 4IN LEG OF ANGLES FOR PINNING UPPER TILT SECTION.

6.208 UPPER PINHOLE IN EACH LEG IS REINFORCED WITH A 1/2IN PLATE AND BUSHING.

6.209 BOTTOM MAIN SECTION IS CONSTRUCTED OF ALL MIG WELD DESIGN.

6.210 MAIN FRAME IS ATTACHED TO TRUCK BUMPER FRAME BY (4) 5/8IN CAP SCREWS FOR POSITIONING THE PUSH CENTER DISTANCE FROM 13IN TO 15IN HEIGHT FROM THE GROUND.

6.211 TOP HINGE FRAME:

6.212 21IN WIDE, CONSTRUCTED OF A 1/2IN X 5IN VERTICAL PLATE LEFT AND RIGHT(PLATE IS PLASMA CUT WITH UPPER AND LOWER PINNING HOLES).

6.213 21-5/8IN HIGH AND ASSEMBLED TO A TIP HORIZONTAL SHIP CHANNEL 4IN X 13.8#, RIGHT AND LEFT VERTICAL ANGLES MOUNTED CENTER OF CHANNEL 4-1/4IN APART FOR LIFT ARM.

6.214 BOTTOM HORIZONTAL REINFORCEMENT ANGLE OF 4IN X 3IN 3/8IN IS ASSEMBLED 12-1/2IN FROM THE TOP CHANNEL.

6.215 RIGHT AND LEFT VERTICAL ANGLE BRACES OF 3IN X 2IN X 3/8IN ATTACHED CENTER OF SECTION 5-3/8IN APART.

6.216 ANGLES HAVE 13/16IN HOLE FOR PINNING OF LIFT CYLINDER TO FRAME.

6.217 TOP HINGE FRAME IS FASTENED TO BOTTOM MAINFRAME WITH (4) 1IN PINS WITH HAIRPINS.

6.218 TOP HINGE SECTION IS CONSTRUCTED OF ALL MIG WELD DESIGN.

6.219 TILT SPRING CANISTER ASSEMBLY:

6.220 ENCAPSULATED TORSION SPRING ATTACHED WITH FASTENERS TO THE FIXED PORTION OF THE MAIN BOTTOM SECTION.

6.221 CANISTER CAN BE REMOVED FROM PUSH FRAME WITHOUT LOSS OF SPRING TENSION BY REMOVING 2 FASTNERS.

6.222 ONE ARM OF TORSION SPRING IS PUSHED DOWNWARD BY THE HINGED PORTION AND LIFT ARM WITHOUT ANY ASSISTANCE.

6.223 MAIN DUTY OF THE MECHANISM IS TO RETURN THE TOP SECTION FROM SERVICE POSITION BACK TO UPRIGHT POSITION.

6.224 SPRING IS ENCAPSULATED IN A TUBE WELD ASSEMBLY OF 1/4IN MATERIAL, A 1-1/4IN SLOT FOR PRELOAD OF SPRING AT FACTORY.

6.225 LIFT ARM:

6.226 SQUARE TUBING OF 4IN AND 3IN DIMENSION.

6.227 ADJUSTABLE AND EXTENDIBLE WITH PROVISION FOR LIFT CHAIN HOLDER AND MOUNTING HOLES FOR LIFT CYLINDER.

6.228 PUSH POINTS:

6.229 CONSTRUCTED OF 1/2IN STEEL PLATE AND 4IN X 3IN X 1/2IN ANGLE ASSEMBLED AND WELDED TO MAINFRAME ON 30-1/2IN PUSH CENTERS.

- 6.230 SNOWPLOW UNION SHALL BE MADE TO TRUCK PORTION WITH (2) 1-1/4IN PINS.
- 6.231 LIFT CYLINDER:
- 6.232 3IN X 10IN SINGLE OR DOUBLE ACTING LIFT CYLINDER.
- 6.233 RAM HEAD TO ALLOW FOR ATTACHMENT TO LIFT ARM
- 6.234 PLOW:
- 6.235 FRAME HITCH NEEDS TO MATCH COUNTY EXISTING PLOWS, FLINK PF91QL2 HITCH IS REQUIRED OR EQUIVALENT.
- 6.236 THIS SPECIFICATION SHALL DESCRIBE A BUMPER TO FRAME HITCH:
- 6.237 WITH A TILT FEATURE THAT ALLOWS THE SNOWPLOW TO REMAIN COUPLED TO THE PUSH FRAME WHILE SERVICING VEHICLE.
- 6.238 INCORPORATES THE ADVANTAGE OF QUICK INSTALLATION WITH THE STRENGTH AND RELIABILITY NEEDED FOR PERFORMANCE DURABILITY.
- 6.239 FRONT BUMPER MANUFACTURED USING 10IN CHANNEL AND WILL BE INCORPORATED INTO THE PLOWS FRONT FRAME HITCH.
- 6.240 SNOWPLOW LIGHTS SHALL BE FURNISHED AND INSTALLED ON TRUCKS HOOD/FENDER USING MANUFACTURE WIRING FROM FACTORY.
- 6.241 MUNICIPAL HOPPER SPREADER:
- 6.242 CAPACITY:6CU YDS (9FT).
- 6.243 304 STAINLESS STEEL HOPPER.
- 6.244 MATERIAL SPREAD UP TO 40FT.
- 6.245 POWER SOURCE; HYDRAULIC DRIVE-TWO INDEPENDENT DIRECT DRIVE HYDRAULIC MOTORS(17GPM @1,500PSI).
- 6.246 15 GPM CONVEYOR, 12 GPM SPINNER.
- 6.247 CHUTE/SPINNER ASSEMBLY 304 STAINLESS STEEL, WITH ADJUSTMENTS TO ACCOMMODATE VARIING BODY MOUNTING HEIGHTS, 6 FIN PLY SPINNER DISC, ADJUSTABLE DEFLECTORS WITH OVERLAPPING CORNERS PROVIDE A PRECISION SPREAD PATTERN.
- 6.248 FEEDGATE:304 STAINLESS STEEL WITH SCALED DRIVER SIDE SCREW JACK ADJUSTMENT.
- 6.249 CONVEYOR: 24IN WIDE WITH 2IN DIAMETER DRIVE SHAFT, 50:1,25:1,OR 6:1 DIRECT DRIVE GEARBOX WITH EXTENDED THROUGH-SHAFT FOR GROUND SPEED SENSOR.
- 6.250 1-1/2IN DIAMETER IDLER SHAFT WITH 4IN ADJUSTABLE RANGE RELUBEABLE BEARING.
- 6.251 4 SECTION HINGED TOP SCREENS, STAINLESS STEEL INVERTED V.
- 6.252 LANE CHANGING CHUTE.
- 6.253 REMOTE GREASE KIT.
- 6.254 CHAIN LUBRICATOR KIT.
- 6.255 LIQUID SPRAY SYSTEM INCLUDING MOUNTED CALCIUM TANKS.
- 6.256 SPECIFICATIONS ON HYDRAULIC SYSTEM, SPREADER AND PLOW CONTROL
- 6.257 HYDRAULIC PUMP:
- 6.258 THE HYDRAULIC PUMP WILL BE DIRECT MOUNT PTO DRIVEN (USE OF A DRIVELINE ASSEMBLY IS UNACCEPTABLE).
- 6.259 THE PISTON PUMP (LOAD SENSING TYPE) MUST BE CAPABLE OF 48 GPM AND 3000 PSI AT 2500 RPM.
- 6.260 PUMP MUST HAVE REAR PORTS TO AVOID MULTIPLE 90-DEGREE BENDS IN SUCTION LINE.
- 6.261 THE CASE DRAIN MUST BE POSITIONED AS HIGH AS POSSIBLE AND DIRECTED BACK TO THE RESERVOIR WITHOUT PASSING THROUGH THE RETURN LINE FILTER.

- 6.262 THE PUMP MUST HAVE INTERNAL BLEED DOWN COMPENSATOR OPTION, A 1IN-15T SPLINED SHAFT, A 1IN SPLIT FLANGE PRESSURE PORT AND A 2IN SPLIT FLANGE SUCTION PORT.
- 6.263 A 1IN ORING HIGH PRESSURE BALL VALVE SHALL BE INSTALLED ON PRESSURE PORT OF PUMP.
- 6.264 SAUER-DANFOSS MODEL JRR075 NO EXCEPTIONS.
- 6.265 POWER TAKE-OFF:
- 6.266 THE POWER TAKE-OFF SHALL BE OF CAST IRON DESIGN DOUBLE GEAR.
- 6.267 THE PTO SHALL BE OF THE CONSTANT MESH STYLE AND FIT ON THE ALLISON STYLE TRANSMISSION. CONSTANT MESH MEANS THAT THE PTO WILL HAVE NO SHIFT MECHANISM, IT WILL ALWAYS BE ENGAGED "LIVE POWER" WHEN THE ENGINE IS STARTED.
- 6.268 THE PTO SHALL HAVE OPERATING SPEEDS FROM 72 TO 129% OF ENGINE SPEED AND THE ABILITY TO ACCEPT A DIRECT MOUNT PUMP FLANGE. (CHELEA SERIES IS ACCEPTABLE).

- 6.269 HYDRAULIC RETURN FILTER:
- 6.270 FILTER SHALL BE TOP TANK MOUNTED TYPE 10 MICRONS WITH A BY-PASS AND REPLACEABLE CARTRIDGE ELEMENT.
- 6.271 FILTER SHALL BE CAPABLE OF 80 GPM FLOW CAPACITY.
- 6.272 FILTER SHALL HAVE ONE 1-1/4IN SAE PORT WITH THE ABILITY TO BE MACHINED FOR ANOTHER.
- 6.273 A BYPASS CONDITION GAUGE SHALL BE PROVIDED.
- 6.274 CERTIFIED POWER MODEL SG03020010 NO EXCEPTIONS.
- 6.275 SNOW PLOW CUSHION VALVE:
- 6.276 A DOUBLE RELIEF CUSHION VALVE MUST BE INSTALLED FOR THE PLOW ANGLE.
- 6.277 THE VALVE SHALL BE SET AT 2000 PSI AND HAVE #8 SAE O-RING PORTS.
- 6.278 THE VALVE SHALL BE CONSTRUCTED OF A HIGH-TENSILE CAST IRON BODY WITH BALL AND SPRING STYLE RELIEF THAT HAS HARDENED SEAT.
- 6.279 THE VALVE SHALL BE PLUMBED AT THE FRONT OF THE TRUCK FOR SNOWPLOW ANGLE.
- 6.280 CERTIFIED POWER MODEL DRV5HH NO EXCEPTIONS.
- 6.281 CABLE CONTROLS:
- 6.282 SECTIONS 1-3 OF STACK VALVE SHALL BE ACTUATED BY THE REMOTE VALVE CABLE CONTROL SYSTEM.
- 6.283 CABLES SHALL HAVE STAINLESS STEEL CABLE CORE CAPABLE OF 90 LBS. PUSH-PULL.
- 6.284 CONTROLS SHALL BE MOUNTED BESIDE DRIVER EASILY ACCESSIBLE.
- 6.285 SINGLE AXIS CONTROL LEVER FOR DUMP BODY UP/DOWN.
- 6.286 DUAL AXIS CONTROL LEVER "+" PATTERN FOR PLOW LIFT AND ANGLE.
- 6.287 CONTROL LEVERS TO BE LABELED WITH DECALS FOR OPERATION.
- 6.288 CONTROLS TO BE MOUNTED IN FACTORY STYLE AND CAPABLE OF 4 S/A CONTROLS AND MUST HAVE A MOUNTING LOCATION FOR THE IN CAB SPREADER CONTROL.
- 6.289 CERTIFIED POWER SG03010080 NO EXCEPTIONS.
- 6.290 HYDRAULIC RESERVOIR:
- 6.291 RESERVOIR SHALL BE 20-GALLON MINIMUM WITH BREATHER CAP, MAGNETIC DRAIN PLUG AND SUCTION SCREEN.
- 6.292 FILL NECK MUST BE SCREENED AND A SIGHT/TEMPERATURE GAUGE MOUNTED ON THE RESERVOIR SO EASILY VISIBLE FOR INSPECTION.
- 6.293 SYMMETRICAL SIDE PORTS TO ALLOW MOUNTING ON EITHER SIDE OF TRUCK FRAME.
- 6.294 SUCTION SCREEN TO BE 2IN NPT WITH BUILT IN BYPASS.
- 6.295 SUCTION PORT SHALL HAVE A 2IN FULL FLOW BALL VALVE INSTALLED FOR EASE OF PUMP SERVICE.
- 6.296 BOTTOM SUCTION IS NOT ACCEPTABLE.

- 6.297 RESERVOIR MUST HAVE PROVISION FOR THE MOUNTING OF A TANK MOUNTED RETURN LINE FILTER.
- 6.298 CERTIFIED POWER MTRA2303000007 NO EXCEPTIONS.
- 6.299 HYDRAULIC STACK VALVE:
- 6.300 THE VALVE SHALL BE OF A MOBILE STACKABLE DESIGN LOAD SENSING TYPE.
- 6.301 THE VALVE SHALL BE CAPABLE OF A NOMINAL 35 GPM WITH PUBLISHED FLOW CURVES TO 40 GPM.
- 6.302 THE VALVE MUST BE PRESSURE AND FLOW COMPENSATED.
- 6.303 INLET AND OUTLET PORTS TO BE 1IN O-RING, ALL WORKING PORTS SHALL BE 3/4IN AND 5/8IN O-RING.
- 6.304 VALVE TO BE ARRANGED AS FOLLOWS:
- 6.305 INLET CAP WITH PRESSURE, TANK, LOAD SENSE AND DRAIN PORT.
- 6.306 DOUBLE ACTING CYLINDER SPOOL FOR HOIST, SPRING RETURN TO NEUTRAL CABLE SHIFTED PRESSURE COMPENSATED WITH 32 GPM MAIN SPOOL.
- 6.307 SINGLE ACTING CYLINDER SPOOL FOR PLOW LIFT, SPRING RETURN TO NEUTRAL FOR RAISE AND DETENT FOR DOWN, CABLE SHIFTED PRESSURE COMPENSATED WITH 10.6 GPM MAIN SPOOL.
- 6.308 OUT LET COVER TOP PORTED WITH PRESSURE CARRY OVER, TANK PORT AND LOAD SENSE CARRY OVER FOR IN CAB SPREADER CONTROL WITH BLEED ORIFICE. PRESSURE AND TANK PORT TO BE #16 O-RING, LOAD SENSE PORT TO BE #6 O-RING.
- 6.309 CERTIFIED POWER PVG32 NO EXCEPTIONS.
- 6.310 SPREADER VALVE:
- 6.311 SPREADER CONTROL VALVE MUST BE DUAL FLOW PRESSURE COMPENSATED TYPE.
- 6.312 CLOSED INLET DESIGN VALVE SPECIFICALLY DESIGNED FOR LOAD SENSING.
- 6.313 THE USE OF LINE MOUNTED AUXILIARY VALVES OR CONVERSION OF VALVES DESIGNED FOR ANY OTHER PURPOSE IS NOT ACCEPTABLE.
- 6.314 O-RING STYLE (LEAK FREE) PORTS.
- 6.315 INTEGRAL SHUTTLE SENSING TRUE LOAD PRESSURE.
- 6.316 MANUAL ON/OFF CONTROL, CAPABLE OF DE-STROKING A VARIABLE DISPLACEMENT PISTON PUMP.
- 6.317 DUAL FLOW DESIGN SHALL BE SET-UP AS ONE KNOB 0-7 GPM AND THE OTHER FROM 0-16 GPM.
- 6.318 CERTIFIED POWER MODEL SG03020029 NO EXCEPTIONS.
- 6.319 PRE-WET CONTROL:
- 6.320 SPREADER CONTROL MUST BE ABLE TO RUN THE EXISTING 12VDC ELECTRIC PRE-WET SYSTEMS ALREADY INSTALLED ON THE COUNTIES SPREADERS.
- 6.321 IF THERE IS NO FLOAT SWITCH FOR LOW LEVEL IN THE TANKS, IT WILL NEED TO BE ADDED.
- 6.322 CONTROL SYSTEM SHALL BE ABLE TO CONNECT TO EXISTING WIRING FOR PRE-WET SYSTEMS.
- 6.323 CONTROL SHALL BE ABLE TO CONTROL PRE-WET IN OPEN LOOP MODE AND GET SET IN GALLONS PER TON.
- 6.324 HYDRAULIC HOSES:
- 6.325 ALL HOSES SHALL BE PROPERLY RATED FOR PRESSURE OF HYDRAULIC SYSTEM.
- 6.326 ALL HOSE ENDS CONNECTING TO VALVE ASSEMBLY SHALL BE 90-DEGREE FEMALE JIC SWIVEL.
- 6.327 SUCTION HOSE SHALL BE 2IN ID SAE 100R4 STYLE, CONNECTING THE PUMP AND RESERVOIR WITH A KING NIPPLES, WITH BOTH ENDS BEING DOUBLE CLAMPED WITH T-BOLT STYLE STAINLESS STEEL SUPER CLAMPS.
- 6.328 PRESSURE HOSE SHALL BE 3/4IN ID 2000 PSI RATED WITH FEMALE JIC SWIVELS AT BOTH ENDS.
- 6.329 RETURN LINE SHALL BE 1-1/4IN ID SAE 100R4 STYLE WITH FEMALE JIC SWIVELS AT BOTH ENDS.

- 6.330 HOIST LINES SHALL BE 1IN ID 2250 PSI RATED WITH FEMALE JIC SWIVELS AT BOTH ENDS.
- 6.331 PLOW LINES 1/2IN ID 2250 PSI RATED, RAN TO FRONT OF TRUCK WITH FEMALE JIC SWIVELS AT BOTH ENDS.
- 6.332 AUGER LINE SHALL BE 3/4IN ID 2250 PSI RATED AND HAVE FEMALE JIC SWIVELS AT BOTH ENDS.
- 6.333 SPINNER LINE SHALL BE 1/2IN ID 2250 PSI RATED AND HAVE FEMALE JIC SWIVELS AT BOTH ENDS.
- 6.334 SPREADER RETURN LINE SHALL BE 1IN ID SAE 100R4 STYLE WITH FEMALE JIC SWIVELS AT BOTH ENDS.
- 6.335 PUMP CASE DRAIN SHALL BE 3/4IN ID MINIMUM 2250 PSI RATED AND HAVE FEMALE JIC SWIVELS AT BOTH ENDS.
- 6.336 LOAD SENSE LINE SHALL BE 3/8IN ID 2250 PSI RATED AND HAVE FEMALE JIC SWIVELS AT BOTH ENDS.
- 6.337 ACCEPTANCE OF BID BY COUNTY: The County shall have a minimum of 90 calendar days from the date of the opening to accept bidder's offer.
- 6.338 County standard payment terms are Net 30 after receipt of invoice, no exceptions.
- 6.339 Response time/delivery: _____
 (After receipt of order)
- 6.340 Descriptive literature
- 6.341 Include an updated W-9 form completed with your company information and signature.
- 6.342 BID PRICE - Grand Total Price: \$ _____ (Each)

7. WARRANTY INFORMATION REQUIREMENTS & TABLE: Provide documentation for items covered in detail for specific time period in "YEARS" and "MILEAGE LIMIT". Being aware that different Dealer / Vendors establish, set, or have warranty limitations for both the "Base" as well as "Extended" Warranty offerings which vary greatly by brand – but also region – we are asking for details to be added using the below tables. Bidders may enter: *Price (actual cost), Included, or N/A.*

ITEM #	STANDARD BASE WARRANTY COVERED ITEMS	YEARS	MILEAGE LIMIT
7.1	Basic Truck Warranty		
7.2	Engine Coverage		
7.3	Emissions: Sensor, Wiring, Lines, DEF Tank, Mounting Framework		
7.4	Transmission		
7.5	Differentials & Driveline		
7.6	Frame Paint		
7.7	Frame Rails & Cross Members		
7.8	Towing		
ITEM #	EXTENDED WARRANTY OFFERED ITEMS	PRICING OPTIONS	
7.9	5 years / 200,000 miles coverage	\$	
7.10	Truck Chassis and ALL Components Included w/ Chassis	\$	
7.11	Engine and ALL Components	\$	
7.12	Transmission	\$	

Using the following "KEY" check (✓) off the appropriate box. Complete the following section specific to those areas as they apply directly to the products or services being asked for within this RFB.

C= Comply with specification

D= Do not comply with specification

E= Exception taken to specification (For each exception taken a full explanation should be provided using a separate sheet.)

8. TOTAL PRICE INCLUSIONS, TAX EXEMPTION: The total amount we will apply on a Purchase Order *must also include* the following items: (If / As Applicable.)

ITEM #	INCLUSIONS / ETC.	C	D	E
8.1	Mileage.			
8.2	Shipping.			
8.3	Handling.			
8.4	Delivery.			
8.5	Whatever other miscellaneous fees there may be.			
8.6	Do not include Federal Excise Tax or Sales and Use Taxes in Bid process, as law exempts the County from them.			

9. STANDARD TERMS AND CONDITIONS:

- 9.1 Responses shall include all charges for packing, delivery, installation, etc., (unless otherwise specified) to the County Department identified in this Request for Bid.
- 9.2 The Taney 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. Taney 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.
- 9.3 Bidders must use the bid forms provided for the purpose of submitting bids, must return the bid and bid sheets comprised in this bid – in same order as received, give the unit price, extended totals, and sign the bid.
- 9.4 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.
- 9.5 Do not include Federal Excise Tax or Sales and Use Taxes in bid process, as law exempts the County from them.
- 9.6 The delivery date shall be stated in definite terms, unless otherwise indicated, as it may be taken into consideration in awarding the bid.
- 9.7 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.
- 9.8 In case of default by the Contractor, the County of Taney will procure the articles or services from other sources and hold the Bidder responsible for any excess cost occasioned thereby.
- 9.9 Failure to deliver as guaranteed may disqualify Bidder from future bidding.
- 9.10 Prices must be as stated in units of quantity specified, and must be firm.

- 9.11 No bid transmitted by fax machine or e-mail will be accepted.
- 9.12 The County of Taney, Missouri expressly denies responsibility for, or ownership of any item purchased until same is delivered and is accepted by the County.
- 9.13 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, or products, can be obtained from a state or other governmental entities contract under more favorable terms. (Cooperative Purchase.)
- 9.14 The County, from time to time, uses federal grant funds for the procurement of goods and services. Accordingly, the provider of goods and/or services shall comply with federal laws, rules and regulations applicable to the funds used by the County for said procurement, and contract clauses required by the federal government in such circumstances are incorporated herein by reference. These clauses can generally be found in the Federal Transit Administration's Best Practices Procurement Manual – Appendix A. Any questions regarding the applicability of federal clauses to a particular bid should be directed to the Purchasing Department prior to bid opening.
- 9.15 In the event of a discrepancy between a unit price and an extended line item price, the unit price shall govern.
- 9.16 Should an audit of Contractors invoices – during the term of the Agreement, and any renewals thereof, indicate that Taney County has remitted payment on invoices that constitute an over-charging to the County above the pricing terms agreed to herein, the Contractor shall issue a refund check to the County for any over-charges within 30 days of being notified of the same.

10. NO BID RESPONSE FORM:

NOTE: Complete and return this section only if you do not want to submit a Bid. If you do not wish to respond to this RFB, please fill this form out and return it to the Purchasing Department by mail, email, or fax.

Thank you...

RFB # 201504-298 Single Axle Dump Trucks (2-Wheel Drive)

Business Name:	
Address:	
Telephone:	
Contact Person:	
Date:	
Reason(s) for not Bidding:	



Taney County, Missouri
RFB# 201504-297 Dump Trucks (4-Wheel Drive)
RFB# 201504-298 Dump Trucks (2-Wheel Drive)
Addendum
April 21, 2015

This addendum is issued in accordance with Section #3 "Guidelines for Written Questions", indicated within the Request for Bid. The following information is hereby incorporated into and made a part of the RFB Documents. Also, by this formal/official addendum we are meeting the listed timeframe/deadline for answering all submitted questions. Receipt of this addendum may be acknowledged by email or submitted with Bidder's full response.

Specifications for this RFB and the work covered thereby are herein modified as follows, and except as set forth herein, otherwise remain unchanged and in full force and effect.

Questions below are relative to both Truck Bids we currently have out. As such this addendum will / must apply to both Bids; 201504-297 & 201504-298. Answers, supplied by Randy Haes, Interim Road & Bridge Administrator, are listed below in RED. This will be the only addendum for these two Bids.

1.) In the specifications you list a hopper spreader with a pre-wet system, then under the pre-wet system you say that it will control the counties existing spreaders, which is correct? **ANSWER: Per Mr. Haes we are directing all Vendors to IGNORE any reference to existing spreaders.**

2.) You also say you want to control the pre-wet open loop and be able to control the gallons per ton ratio, to do this accurately it requires a ground speed automated spreader control and you do not have one listed in your specifications. Please explain. **ANSWER: We are not looking for the ground speed automated system we are only looking for a pre wet system that operates with the spreader.**

Thank you.

By,



Ron Erickson, Director of Purchasing
132 David Street / P.O. Box 1630 Forsyth, Mo. 65653
Phone: 417-546-7281 Fax: 417-546-3931
E-mail: rone@co.taney.mo.us

BIDDER has examined a copy of this Addendum, as it applies jointly to;

RFB# 201504-297 and RFB#201504-298, receipt of which is hereby acknowledged:

Company Name: _____

Address: _____

Phone Number: _____ Fax Number: _____

E-mail address: _____

Authorized Signature: _____ Date: _____

Authorized Printed Name: _____