NOTICE FOR BID PROPOSALS

Notice is hereby given that sealed or electronic bids proposals will be received by the Clay County, Board of Supervisors for the purchase of ONE (1) 2021 MODEL, 25 CUBIC YARD, GARBAGE REFUSE TRUCK AND BODY.

Bid proposals (no prices) will be accepted until Thursday, November 11, 2021, until 9:00 a.m. Bid specifications and procedures may be obtained by contacting the Chancery Clerk, Amy Berry, Monday through Friday between the hours of 8:00 a.m. and 5:00 p.m. at (662) 494-3124 or via email at aberry@claycounty.ms.gov. Bid proposals may be submitted by electronic submission at www.centralbidding.com.

All sealed bid proposals must be on file with the Chancery Clerk prior to or by the acceptance date and time as stated above. Said bid proposals must be sealed and clearly marked on the outside of the envelope as indicated: *One (1) 2021 Model Garbage Refuse Truck and Body, Proposal Date Thursday, November 11, 2021*. Submissions not so marked are submitted at the risk of the prospective bidder and the County assumes no responsibility of the premature opening of the same by any County Employee. Bid proposals sent through the U. S. Mail or delivered in person are done so at the risk of the prospective bidder and should be addressed P. O. Box 815, West Point, MS 39773, or by hand or parcel delivery to 365 Court Street, West Point, MS 39773. The County is not responsible for submissions that are delivered in person or arrive in the mail after the designated deadline of Thursday, November 11, 2021

All electronic bid specifications and procedures may be obtained electronically at www.centralbidding.com . For questions relating to electronic downloads, please contact Central Bidding at (225) 810-4814.

Bid proposals will be evaluated and vendors submitting acceptable proposals will be invited by no later than 5:00 p.m., Thursday, November 11 2021. Final bidding will be held by electronic reverse auction on Monday, November 15, 2021 at www.centralbidding.com beginning at 9:00 a.m. and ending at 10:00 a.m. (unless extended by anti-sniping).

Electronic bids and/or reverse auction bids may be submitted at www.centralbidding.com. For any questions, related to the electronic bidding process, please call Central Bidding at (225) 810-4814. Bids may, also, be submitted to the Clay County Chancery Clerk's office % Amy G. Berry, 365 Court Street, West Point, MS 39773, on Monday, November 15, 2021, beginning at

9:00 a.m. and ending at 10:00 a.m. (unless extended by anti-sniping) and will be included in the "live" reverse auction.

However, anyone wishing to submit bids in this manner will register with Central Bidding prior to Thursday, November 11, 2021. After careful consideration, the Clay County Board of Supervisors will officially award the bid at its regularly scheduled Board meeting on Monday, November 15, 2021, at 9:00 a.m. unless continued until a later date.

If the agency is closed for any unforeseen reason which prevents the acceptance and/or opening of sealed electronic bids, or prevents the live reverse auction at the advertised date and time, all bids shall be publicly opened and read aloud on the next business day that the agency shall be open and at the previously advertised time. All reverse auctions shall begin on the next business day that the agency shall be open and at the previously advertised time. The agency shall not be held responsible for the receipt of any bids for which the delivery was attempted and failed due to the unforeseen closure of the agency. Each vendor/contractor shall be required to ensure the delivery and receipt of its sealed and/or electronic bid by the agency prior to the new date and time of the bid opening.

The Clay County Board of Supervisors reserves the right to reject or accept any and all bids, or any part of any or all bids based on a lowest and best bid determination in the best interest of the County. The Board also reserves the right to waive informalities.

The County reserves the right to utilize "anti-sniping" for reverse auction. Anti-sniping is a tool that automatically extends the bid time for reverse auctions by five (5) minutes if a vendor places a bid in the final five (5) minutes of the reverse auction. The anti-sniping effect will automatically extend the reverse auction bid time any time a bid is placed in the last five (5) minutes of the reverse auction and can auto extend the reverse auction multiple times until the bidding on the reverse auction ends.

SO PUBLISHED, this the 4rth day of October, 2021.

_____/s/ Shelton L. Deanes_____
President

ATTEST:

___/s/ Amy G. Berry_____
Chancery Clerk

Clerk of the Board

Publication Dates:
10/27/2021
11/3/2021

CLAY COUNTY, MS
25 Cubic Yard HIGH COMPACTION Rear Loading Refuse Collection Truck Body
Bid Specifications

SCOPE: It is the intent of this specification to describe a hydraulically actuated packer body of the rear loading type with the following specifications considered necessary to perform the work assigned. The body shall be capable of compacting and transporting refuse to a landfill or transfer station and dispensing the load by means of hydraulic ejection. The body shall not be required to be tilted, lifted, or otherwise displaced from the chassis in order to eject the load.

GENERAL: All equipment furnished under this contract shall be new and unused, and the same as the manufacturers current production model. Accessories not specifically mentioned, but necessary to furnish a complete unit ready for use shall also be included. The equipment furnished shall conform to all ANSI Safety Standards A245.1-1984.

BID SPECIFICATIONS
Bidder Shall Complete the Following
If No, State Specifically the Item being Offered
If your body doesn't meet the following specifications, simply state what it is that's different in the offered line. These specifications are not intended to keep anyone from bidding.

	YES	NO	OFFERED
A. CAPACITY			
1. The body shall have a capacity excluding hopper of:			
25 Cubic Yards	____	____	_____
2. The body shall be able to pack up to 1,100 pounds Per cubic yard.	____	____	_____
B. BODY DIMENSIONS			
1. Maximum overall width not to exceed 96".	____	____	_____
State the width of the body being bid: _____			
2. Overall length and height (*with tailgate in locked position*) above the chassis frame:			

Capacity	Length	Height	CT (cab to center of tandem)	YES	NO	OFFERED
a. 25 Cu./Yd.	270"	94"	156"	____	____	_____

If the body doesn't meet this, please state the dimensions :_____

Rear loading Refuse collection Truck Body
(Continued)

3. Body weight (exclusive of options):

Capacity	Weight

e. 25 Cu./Yd. 12,000 pounds ____ ____ _____

State the weight of the body being bid: _____

C. BODY CONSTRUCTION

1. Body sides, roof shall be curve shell design without the need of side bracing. Continuous operation at maximum loads without harmful deformation or wear. ____ ____ _____

2. The roof shall be constructed of 10 gauge 80,000 PSI steel. ____ ____ _____

3. The body sides shall be constructed of 10 gauge, 80,000 PSI steel. ____ ____ _____

4. Sides shall be braced along the bottom from tailgate tapered to a point at the front of the body. Braces shall be interconnected with floor gussets and continuously welded. Rear portion of side brace shall connect to a triangular gussets and all seams continuously welded for maximum strength. ____ ____ _____

   State the dimensions of the body side bracing: _____

   State the size of the triangular gussets: _____

5. The body upper floor sides shall be 10 gauge 80,000 PSI steel. ____ ____ _____

Rear loading Refuse collection Truck Body
(Continued)

	YES	NO	OFFERED
7. The body floor center shall be 1/4" 150,000 PSI plate high tensile steel.	____	____	_____
State the size of the floor in the body: _____			
8. The trough shall be constructed of two 8" channel sills to hold the ejection panel in line under the most extreme load conditions.	____	____	_____
9. Side access door shall be located on the street side of the body sidewall.	____	____	_____
10. Side access door shall be equipped with a safety interlock to disengage PTO when door is open.	____	____	_____

D. TAILGATE DIMENSIONS

1. Hopper opening width shall not be less than 74". ____ ____ _____

   State the size of the hopper opening: _____

2. Hopper capacity shall not be less than 3.0 cubic yards as calculated By WASTEC DWRP03 No.1 method. ____ ____ _____

3. Hopper cycle time with the standard PTO and pump shall have an average of 19-22 seconds. ____ ____ _____

   Please state the average cycle time: _____

E. TAILGATE CONSTRUCTION

1. Tailgate sides shall be constructed of a minimum of 7-gauge high tensile sheet steel, and the upper sides shall be constructed of a minimum of 10 gauge high tensile sheet steel. ____ ____ _____

2. Tailgate sides shall be reinforced by bracing constructed of 7 gauge formed steel and fully welded in a horizontal position for maximum support. ____ ____ _____

   State the dimensions of the bracing: _____

   State the size of the tailgate sides reinforcement bracing: _____

3. The slide panel guide track shall be constructed of AR400 steel reinforced by formed 1/4" high tensile steel. ____ ____ _____

   State the dimensions of the guide track: _____

   State the size of the slide panel guide track: _____

Rear loading Refuse collection Truck Body
(Continued)

	YES	NO	OFFERED
4. The tailgate shall be equipped with an automatic hydraulic locking system with a pilot check valve to ensure constant pressure for a tight seal.	____	____	_____
5. The tailgate shall be unlocked raised by two double acting cylinders equipped with clevis ends and restrictors to prevent precipitous tailgate decent in the event of a broken hydraulic line.	____	____	_____
State the bore of the tailgate cylinder: _____			
6. The tailgate perimeter edge shall be reinforced by a minimum 2" x 2" structural tube steel.	____	____	_____
7. Tailgate shall be equipped with a chemically inert seal to provide a watertight seal. (24" high)	____	____	_____

8. Hopper floor shall remain stationary during the packing cycle and shall be equipped with a 2" drain plug. ____ ____ _____

9. Hopper floor shall be a minimum of 1/4" 150,000 PSI sheet adequately braced to withstand maximum pressures imposed upon it. Hopper back 1/4" T-1 steel.

____ ____ _____

State the size of the hopper floor: _____
State the PSI of the floor: _____
State the size of the hopper back: _____

10. The hopper load sill shall be constructed from a minimum 3/8" plate and be even with the chassis frame height ____ ____ _____

State the size of the hopper load sill plate: _____

11. Self-cleaning grip bolt on strut steps and grab handles shall be required on both sides of the tailgate. ____ ____ _____

12. Auto locking tailgate. ____ ____ _____

F. PACKING MECHANISM CONSTRUCTION

1. The sweep panel shall be of the backhoe packing type, and designed to have a minimum clearance to thoroughly clean the hopper bottom during cycling. ____ ____ _____

2. The sweep panel face plate shall be constructed of 1/4" high tensile sheet steel and shall be reinforced with (4) integral braces made from 1" steel plate. ____ ____ _____

State the size of the sheet steel: _____
State the size of the braces steel plate: _____

3. The sweep panel shall be powered by two double acting cylinders equipped with bronze bushings. ____ ____ _____

State the size of the sweep cylinders: _____

4. The slide panel face plate shall be constructed of 1/4" high strength sheet steel. ____ ____ _____

State the size of the slide panel face plate: _____

5. The slide panel shall be powered by two stroke double acting cylinders. ____ ____ _____

State the bore size: _____
State the stroke size: _____

6. The linear slide movement of the panel shall be accomplished on two high density UHMW guide bearing blocks.

____ ____ _____

7. The pivotal rotation of the sweep panel shall be accomplished through the sweep panel pivot which shall consist of two 2" diameter stress proof pivot pins with bronze bushings. ____ ____ _____

State the diameter of the stress proof pivot pins: _____

8. Both ends of the pivot shaft shall be equipped with bronze bushings. ____ ____ _____

G. EJECTION PANEL CONSTRUCTION

1. Ejection blade shall form the front of the body and be hydraulically operated and designed to have a minimum clearance too thoroughly clean the body during cycling. ____ ____ _____

2. The load shall be discharged by means of a positive ejection system. A double acting, telescopic cylinder shall extend and retract the full length of the body. ____ ____ _____

3. The ejection panel face plate shall be constructed of 10 gauge 50,000 PSI sheet steel and reinforced with trapezoidal cross members of high Tensile strength. ____ ____ _____

   State the steel gauge of the ejection panel face plate: _____
   State the PSI of the sheet steel: _____

	YES	NO	OFFERED
4. The ejection panel shall slide in an 8" channel sill on four high density UHMW slide bearing blocks.	____	____	_____
5. Ejection panel bearing blocks must be able to be replaced without removing ejection panel.	____	____	_____
6. The telescopic cylinder shall be horizontally positioned & consist of the following dimensional characteristics:			
Capacity / Stage / Bore			
f. 25 Cu./Yd. / 4 Stage / 6.5"	____	____	_____

   State the bore of the ejection cylinder: _____

7. No clamping cylinder or clamping mechanism shall be required.	____	____	_____

H. CONTROLS

1. The ejector panel and tailgate raise control shall be mounted inside the front left-hand side of the body. Controls are accessed through opening located in access door. Controls will not come into contact with any refuse and are protected from outside elements. ____ ____ _____

2. An electrical device shall be supplied to automatically raise the engine speed to the proper RPM during the packing cycle. ____ ____ _____

3. An additional throttle advance switch shall be mounted at the front left hand side of the body near the tailgate raise control handle and

at the rear right hand side near the packing blade control. ____ ____ _____

4. A Back-Pack Valve shall be required to automatically advance the ejector panel when packing against it. ____ ____ _____

5. The packing panel control shall be designed to accomplish the normal packing cycle in two steps and shall be reversible or stopped at any time during the cycle. ____ ____ _____

6. The packing panel control shall be a two-handle design and located at the rear of the tailgate on the curbside. ____ ____ _____

I. HYDRAULIC SYSTEM

1. A power takeoff/pump combination shall be used to power the hydraulic system. ____ ____ _____

2. All hydraulic valve shall be mechanically operated and use direct link controls. ____ ____ _____

3. The hydraulic pump shall provide a delivery of 29 GPM at 1400 to 1500 RPM. ____ ____ _____

4. Normal maximum operating pressures shall not exceed 2500 PSI ____ ____ _____

   State the operating pressure: _____

5. The hydraulic system shall incorporate a relief valve and a hydraulic pressure gauge to protect all components from excess pressures. ____ ____ _____

6. All hydraulic hoses shall conform to S.A.E. Standards. No flat spots in hoses will be acceptable. ____ ____ _____

7. Hydraulic tank shall not be less than 50 gallons and must be equipped with a sight and temperature gauge. The tank shall be located inside the body. ____ ____ _____

8. A replaceable 10 micron absolute in tank immersed filter with by-pass valve and visual indicator shall be furnished in the return line of the hydraulic system. ____ ____ _____

9. A shut-off valve shall be mounted on the suction line near the oil tank. ____ ____ _____

10. All cylinder rods shall be chrome plated. ____ ____ _____

11. Sweep and slide cylinder rods induction hardened. ____ ____ _____

J. ELECTRICAL

	YES	NO	OFFERED
1. All body wiring shall be color coded in factory harness with sealed connectors.	____	____	_____
2. Body to chassis wiring shall be in sealed junction box at front of body with sealed connectors.	____	____	_____

3. The body shall be equipped with approved LED clearance, warning, tail, license, stop and turn signals in compliance with the national safety standards. ____ ____ _____

4. The body shall be equipped with an external audio back up alarm activated when the chassis is in reverse. ____ ____ _____

5. Driver alert buzzer and safety stop shall be installed at the rear of the tailgate located by the packing controls. ____ ____ _____

6. A light shall illuminate in the cab when the tailgate is open and an audible alarm will sound when the vehicle is placed in reverse while the tailgate is open. ____ ____ _____

7. A light bar shall be mounted on the upper section of the tailgate and consist of stop, turn and three clearance lights, in accordance to the national safety standards. ____ ____ _____

8. It shall include a rear vision camera, Safety Vision or equivalent. ____ ____ _____

K. PAINT

1. The body shall be properly cleaned of all dirt, oil, and welding slag. Gray DuPont Epoxy primer with rust inhibitors shall be applied. ____ ____ _____

2. DuPont Imron 5000 paint shall be applied. ____ ____ _____

   Specify paint code: _____

   Specify paint color: _____

L. MOUNTING

1. Body shall be mounted in accordance to industry standards. No welding shall be performed on the chassis frame in the mounting process. ____ ____ _____

M. SAFETY

1. Access door to body to be equipped with an interlock switch to disable the hydraulic system when the door is open. ____ ____ _____

2. Safety Shut Down switch to be provided on the right side of the tailgate. ____ ____ _____

3. Driver alert switch to be provided at the right rear of the truck. ____ ____ _____

4. 20 lb. Fire extinguisher mounted on body or truck frame. ____ ____ _____

5. Triangle reflector kit located in cab. ____ ____ _____

N. WARRANTY

1. Manufacturer's limited warranty shall apply for a period of one year for body and two years for cylinders after date of acceptance of the unit. ____ ____ _____

O. OPTIONAL EQUIPMENT

1. HOPPER LIGHTS- 2 LED lights shall be mounted on the Upper half of the tailgate. The lights will be activated by a Switch in the cab of the chassis. _____ _____ _____
2. Strobe Light Package- (Integrated Strobe System)- 2 round Lights mounted upper tailgate. _____ _____ _____
3. Strobe Light Package- (Integrated Strobe System)- 2 round Lights mounted lower tailgate. _____ _____ _____
4. Strobe Light Package- (Integrated Strobe System) 2 round Lights mounted front of bulkhead. _____ _____ _____
5. Full Body Welds _____ _____ _____
6. Hopper Access Ladder _____ _____ _____
7. Mid Body Backup Lights _____ _____ _____
8. Extended Loadsill _____ _____ _____
9. 7" Safety Vison Color Camera System _____ _____ _____
10. Remote Grease System for Tailgate and Cylinders _____ _____ _____
11. 24"x24"x48" Toolbox _____ _____ _____
12. Electronic Bypass Filter Located in Cab _____ _____ _____
13. PTO Hour Meter _____ _____ _____
14. Low Hydraulic Fluid Level Indicator Light _____ _____ _____
15. Water Cooler Bracket and Cooler _____ _____ _____
16. All Wiring and Tubing ran for future install of tippers and for Reeving Cylinder for Future Install. (No Tippers or Reeving Cylinder installed). _____ _____ _____

66,000 GVW CHASSIS SPECIFICATIONS

	YES	NO	OFFERED
2022 Year Model OR Newer New and Unused Chassis	_____	_____	_____
Set Back Axle	_____	_____	_____
Conventional Aluminum Cab	_____	_____	_____
Cummins L9 350 Horsepower 1,050 FT/LB Engine	_____	_____	_____
DR12V 160 AMP 28-SI Quadramount PAD Alternator with remote battery volt sense or equal	_____	_____	_____
(2) DTNA GENUINE Alliance maintenance free stud batteries	_____	_____	_____
Positive Load Disconnect with Cab Mounted Control Switch Mounted Outboard Driver Seat	_____	_____	_____
Cummins Turbocharged 18.7 CFM air compressor	_____	_____	_____
Fuel/Water Separator	_____	_____	_____
Cummins Exhaust Brake	_____	_____	_____
11 ft. 6" Vertical Exhaust Mounted RH BOC	_____	_____	_____
Allison 3000 RDS Transmission with PTO provision	_____	_____	_____
20,000 lb. front axle	_____	_____	_____
20,000 lb. Flat Leaf Front Suspension	_____	_____	_____
Meritor 16.5X5 Q+ Cast Spider Cam front brakes	_____	_____	_____
Front Brake Dust Shields	_____	_____	_____
RT 46-160 rear axle or equivalent	_____	_____	_____
Driver Controlled Traction Differential-Single Rear Axle	_____	_____	_____
6.14 rear axle ratio (subject to change)	_____	_____	_____
Meritor 16.5X7 cam rear brakes	_____	_____	_____
Rear Brake Dust Shields	_____	_____	_____
46,000 lb flat leaf spring rear suspension w/Helper & Radius Rod	_____	_____	_____

Air brake package	____	____	_____
Steel Air Brake Reservoirs w/Pull Cables on All	____	____	_____
Wabco 4S/4M ABS or equal	____	____	_____
Air dryer	____	____	_____
225-Inch Wheelbase	____	____	_____
156" CA	____	____	_____
11/32X3-1/2X10-3/16 Inch Steel Frame (120 KSI)	____	____	_____
with 1/4" Inner Frame Reinforcement	____	____	_____
57" Rear Frame Overhang	____	____	_____
3 Piece 14" Painted Steel Bumper w/Collapsible Ends	____	____	_____
Front Tow Hooks Frame Mounted	____	____	_____
11R22.5 16 PLY FRONT AND REAR TIRES	____	____	_____

	YES	NO	OFFERED
70-Gallon Diesel Fuel Tank	____	____	_____
23 Gallon DEF Tank Mounted LH BOC	____	____	_____
Air cab mounts	____	____	_____
Single 14" Round Air horn under LH Deck	____	____	_____
Dual west coast heated mirrors	____	____	_____
Door mounted heated mirrors	____	____	_____
RH and LH 8 Inch Stainless Steel Fender mounted convex Mirrors with Tripod Brackets	____	____	_____
LED Aerodynamic Marker Lights	____	____	_____
Daytime Running Lights	____	____	_____
High back air driver seat with arm rest	____	____	_____
2-man toolbox passenger seat	____	____	_____
Electric cruise control	____	____	_____

AM/FM World Tuner Radio w/Bluetooth, USB and Aux _____ _____ _____

Phillips-Temro 1000 Watt Engine Block Heater w/ plug in by driver's side door _____ _____ _____

1,000 Square Inch Aluminum Radiator _____ _____ _____

Chelsea PTO Mounted LH Side of Transmission _____ _____ _____

Vehicle Interface Wiring Connector w/Blunt Cuts BOC _____ _____ _____

Electronic Transmission Customer Access Connector BOC _____ _____ _____

Non-Removable Bug Screen Mounted Behind Grille _____ _____ _____

Tunnel/Firewall Liner _____ _____ _____

Opal Gray Vinyl Interior _____ _____ _____

12 Volt Power supply in dash _____ _____ _____

LH and RH Door Locks

Adjustable Tilt and Telescoping Steering Wheel Automatic Self Rest Circuit Breakers _____ _____ _____

(2) Cup Holders in Dash _____ _____ _____

Cab to be white in color, Chassis Frame to be Black in color _____ _____ _____

Truck Warranties:

Towing for (2) Years, Included in Price.

(2) Year Engine Extended Warranty, including but not limited to: DPF, Aftertreatment System, SCR Catalyst, Turbo, Fuel Injectors, brackets and clamps, aftertreatment module, DEF pump, electrical harness, fuel injectors, air compressor, turbocharger, water pump seal, EGR system and Oil Pump. Included in Price _____ _____ _____

Must Provide Parts/Warranty/Service/Within 60 Miles Radius _____ _____ _____

CLAY COUNTY, MS BID SHEET

BIDDING COMPANY: _____

NAME: _____

ADDRESS: _____ SIGNATURE: _____ Print or Type

_____ TITLE: _____

PHONE: _____ DATE: _____

EMAIL: _____

BODY BRAND AND MODEL: _____

CHASSIS BRAND: _____

STATE DELIVERY (IN DAYS): _____

State Location of Nearest Dealer for Chassis Service:

Body Dealer must provide On-Site Service. CIRCLE ONE: YES/NO

GARBAGE BODY TO BE MANUFACTURED IN MISSISSIPPI. CIRCLE ONE: YES/NO

Please Three (3) Year buyback amount $_____ per each truck. State and detail in bid any requirements with your buyback conditions.