

NOTICE TO BIDDERS

Notice is hereby given that the Board of Supervisors of Jones County, Mississippi, will receive bids via the reverse auction process beginning Thursday, March 18, 2021 at 8:00 AM until Friday, April 09, 2021 at 12:00 PM for the purchase of one or more GARBAGE TRUCKS

Specifications are on file with the Board of Supervisors at the Jones County Courthouse in Laurel, Mississippi and online at bids.jonescountymiss.com.

If submitting a paper bid, the bid must be marked on the outside of the sealed envelope indicating what the bid is for and should also include the name, address and telephone number of the bidder. The bid should be submitted to the Board of Supervisors at the Laurel Courthouse no later than 12:00 PM on Friday, April 09, 2021.

The Board reserves the right to reject any and all bids, to waive informalities, and to determine the best bid.

For any questions, please contact Rhonda Williamson at 601.428.3128.

Jones County Board of Supervisors
Bart Gavin, Clerk
By: Brittany Welch, D.C.

Publish: Laurel Leader-Call
March 18 & 25, 2021

BID SPECIFICATIONS
Single Axle Refuse Chassis
2021 YEAR MODEL

	YES	NO	OFFERED
Class 8 chassis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Model year 2021 or newer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35,000 GVW or greater chassis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ENGINE			
Diesel 12.8L MIN 370 HP, 1250 LB / FT TORQUE or greater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Set Back Front Axle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EXHAUST: Horizontal Tailpipe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
RADIATOR: MINIMUM 1500 SQUARE INCH	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ALTERNATOR: 12 VOLT 160 AMP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BATTERIES: 3 MINIMUM 2190 CCA BATTERY BOX Under Passenger Seat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
on/off with low/med/high engine breaking	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DEF TANK: 13 GAL	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Air Compressor: 19.00	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Positive Load Disconnect Switch in Cab	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TRANSMISSION / DRIVELINES			
TRANSMISSION: Allison 3000 RDS w/PTO Provision	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Body Lighting Interface, Fuse Panel Between Seats	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electronic Transmission Access Connector Between Seats	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FRONT AXLE / FRONT SUSPENSION / FRONT TIRES			
MINIMUM 12,000 LB Drop Single Front	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SPRINGS: MINIMUM 12,000 LB TAPER LEAF
FRONT SHOCK absorbers

--	--	--

Brakes: **Air Disk Brakes** Bendix ADB22X

--	--	--

WHEELS: 22.5 X 8.25 10 HUB PILOT steel

--	--	--

TIRES: FRONT 11R22.5 HWY

--	--	--

synthetic axle Lube

--	--	--

REAR AXLES

Minimum 23,000 LB Single REAR AXLE

--	--	--

SUSPENSION: 26,000 LB Flat Leaf Spring Suspension

--	--	--

REAR BRAKES: Bendix ADB22X **Air Disk Brakes**

--	--	--

REAR WHEELS: DISC 22.5 X 8.25 HUB PILOT steel

--	--	--

REAR TIRES: 11R22.5 16 ply

--	--	--

CAB INTERIOR

RADIO: AM/FM/Bluetooth

--	--	--

AUTOMATIC SELF RESET CIRCUIT BREAKERS

--	--	--

BACK UP ALARM

--	--	--

HEATER & AIR CONDITIONER

--	--	--

TILT & TELESCOPING STEERING COLUMN

--	--	--

SEATS: DRIVER HIGH BACK AIR SUSPENSION

--	--	--

Passenger Seat extends to driver seat for bench seat

FIRE EXTINGUISHER MOUNTED IN CAB BY DRIVER SEAT

--	--	--

SEAT COVERS: VINYL

--	--	--

Inboard Driver Seat Armrests

--	--	--

CHASSIS

CA 128" OR TO ACCOMADATE Body Builder

--	--	--

FRAME: 11/32 X 3-1/2 X 10-15/16 INCH
2 Million Frame RBM Minimum

--	--	--

BUMPER: CHROME STEEL BUMPER W/TOW HOOKS

--	--	--

Fuel/Water Separator

--	--	--

LH 80 GAL ALUMINUM FUEL TANK

--	--	--

Fiberglass Round for easy repair

--	--	--

1500 WATT / 115 VOLT BLOCK HEATER

--	--	--

Large Storage Box on Frame

--	--	--

GAUGES WITH BRIGHT BEZELS

LOW AIR PRESSURE LIGHT AND BUZZER

--	--	--

Premium Interior with Woodgrain

--	--	--

Horn Mounted under hood

--	--	--

Digital Readout in Dash

--	--	--

ENGINE COOLANT TEMPERATURE

--	--	--

Steering wheel with switches on wheel

--	--	--

ENGINE OIL TEMPERATURE

--	--	--

Tachometer with Hour Meter

--	--	--

Daytime Running Lights

--	--	--

TRANSMISSION OIL TEMPERATURE GAUGE

--	--	--

Engine Remote Interface w/Preset Fast Idle

--	--	--

CAB EXTERIOR

STEEL CAB SHELL With 5 Year/Unlimited Mile
Cab/Structure Corrosion - warranty

--	--	--

Cup Holder in Dash

--	--	--

Air Cab Mounts	<input type="text"/>	<input type="text"/>	_____
LH And RH Exterior Grab Handles with Rubber Inserts	<input type="text"/>	<input type="text"/>	_____
2 Piece Tinted Curved Bonded Windshield	<input type="text"/>	<input type="text"/>	_____
Aluminum Air Brake Reservoir	<input type="text"/>	<input type="text"/>	_____
Front Fender Extensions	<input type="text"/>	<input type="text"/>	_____
DUAL STAINLESS STEEL HEATED MIRRORS With Lights LH & RH Power Mirrors	<input type="text"/>	<input type="text"/>	_____
LH/RH 8 Inch Bright Finish Heated Convex Mirrors Mounted Below Mirror	<input type="text"/>	<input type="text"/>	_____
EXTERIOR SUNVISOR	<input type="text"/>	<input type="text"/>	_____
PAINT			
CAB: WHITE BASE/CLEAR	<input type="text"/>	<input type="text"/>	_____
CHASSIS: BLACK	<input type="text"/>	<input type="text"/>	_____
WARRANTY/Service			
TOWING			
Towing for 3 years, Included in Price. NO CAP	<input type="text"/>	<input type="text"/>	_____
EW4 or equivalent full engine and after treatment warranty. 3 year / 150,000 miles. DPF, turbo, fuel injectors	<input type="text"/>	<input type="text"/>	_____
winning bidder must pickup and return truck if an issue arises. Not charging Jones county a fee. Must provide service within 30 mile radius of Laurel.	<input type="text"/>	<input type="text"/>	_____
TC4 or Equivalent Extended Truck Coverage for 3 years included in price, including but not limited to suspension, AC/Heat, Wiring, Fuel System, Instruments & Gauges starter and alternator	<input type="text"/>	<input type="text"/>	_____
3 year guaranteed buyback through selling dealer with NO mileage restrictions. Please turn in buyback stipulations which may be used to determine best bid	<input type="text"/>	<input type="text"/>	_____
3 year virtual technician	<input type="text"/>	<input type="text"/>	_____
state delivery time as it may be a factor	<input type="text"/>	<input type="text"/>	_____

SPECIFICATION
For "RLM13" Rear Loader
Truck-mounted, 13 cubic yard rear loader body.

The unit will be used in collection and loading of residential or commercial refuse. This specification describes a hydraulically actuated packer body of the rear loading type with the following minimum specifications necessary to perform the work assigned.

UNIT MUST BE MANUFACTURED IN AN ISO 9001:2000 CERTIFIED FACILITY.

The body shall conform to the latest ANSI Z245 specification as well as the Federal Motor Vehicle Safety Standard FMVSS-108 at the time of manufacture.

All bidders must fill in **all** information. If meeting or exceeding specifications put **YES**, and if exceptions are taken put **NO**. Any exceptions must be explained in writing. All proposals include delivery, training of operators and service personnel.

Yes/No	Offered	CAPACITY
_____	_____	1. The minimum capacity of the body shall be 13 cubic yards exclusive of the hopper.
_____	_____	
_____	_____	2. The minimum capacity of the hopper shall be 2.6 cubic yards without the use of a hopper loading sill extension.
_____	_____	
_____	_____	3. The body shall be designed to allow high density compaction of up to 1,000 lbs. per cubic yard of household refuse.
_____	_____	
_____	_____	4. The unit shall be manufactured in an ISO 9001:2000 certified facility.

Yes/No	Offered	BODY DIMENSIONS
_____	_____	1. The maximum overall width shall be 96 inches.
_____	_____	
_____	_____	2. The maximum overall length shall be 220 inches.
_____	_____	

3. The maximum height above the chassis frame shall be 84" inches.

4. The inside width of the body shall be 82 inches at the widest point.

5. The inside height of the body shall be 70.25 inches at the highest point.

6. The minimum weight of the body and the tailgate (less special options) shall be 10,530 lbs.

Yes/No Offered

BODY CONSTRUCTION

1. The body shall have a smooth floor without a trough. No cylinders, valves or other hydraulic components shall be exposed to refuse packed into the body. Floors with trough or depression are not acceptable.

2. The body floor, sides and roof shall be designed and constructed to withstand maximum imposed force of residential refuse without structural damage or excessive wear.

3. The body sides shall be fabricated from 11 gauge high-tensile steel and be of a curved one-piece design.

4. The body roof shall be fabricated from 11 gauge high-tensile steel and be of a curved one-piece design.

5. A 30"H x 25"W access door shall be located on the driver's side of the body. The door shall be held shut by a loaded latch.

6. The body floor shall be fabricated from a single sheet of 7 gauge hi-tensile steel, with no depression or trough.

7. The body longitudinal shall be C8 x 11.5# structural channel.

8. The floor cross members shall be tapered from the long sill outboard to the body side sheet.

9. The floor cross members shall be fabricated from 7 gauge hi-tensile steel.

Yes/No Offered

TAILGATE DIMENSIONS

1. The minimum hopper opening shall be 80" wide and 57" high to permit unobstructed loading of the tailgate hopper.

2. The top of the loading sill shall be equal height to the top of chassis frame to facilitate easy loading.

3. The overall height above the chassis frame with tailgate raised shall be 146 inches.

4. The length of the tailgate shall be 72"

Yes/No Offered

TAILGATE CONSTRUCTION

1. The lower tailgate sides shall be fabricated from ASTM A-514 steel w/ minimum hardness of 321 BHN.

2. The hopper floor and chute shall be fabricated from 1/4" ASTM A-514 steel w/ minimum hardness of 321 BHN.

3. The tailgate sides shall be reinforced with hi-tensile steel channels interlaced and fully welded to the side sheets.

4. The hopper and chute floor shall be reinforced with hi-tensile steel channels.

5. The tailgate shall be secured to the body with tailgate lock bars made of ASTM A-514 steel. The tailgate locks shall operate automatically when the tailgate is raised or lowered.

6. The tailgate seal shall extend a minimum 24 inches up the body side.

7. Two grab handles shall be located on each side of the tailgate.

8. The rear steps shall be fabricated from open grip material with a minimum standing surface of 330 square inches per step. The steps shall comply with A.N.S.I. standards. Steps shall be of a bolt-on design.

Yes/No Offered

PACKING MECHANISM

1. The packing cycle shall be controlled by a two-lever control that allows the operator to start, stop and reverse the direction of any function at any point during the packing cycle.

2. The tailgate control valve shall be located within the tailgate. It shall be a sectional valve.

3. The packing mechanism shall consist of two primary components: the slide and the packer (sweep) blade.

A. The packing mechanism shall be mounted on four wear shoe assemblies utilizing UHMW poly wear shoes. The shoes shall be replaceable without removing the slide assembly from the tailgate.

The packer and slide shall be hinged by two 3" diameter alloy steel pins. These pins shall also support the (2) lower wear shoe assemblies.

B. The slide face shall be constructed from 3/16" high-tensile steel.

C. The packer blade shall be mounted to, and pivot on, the slide.
The packer blade shall be fabricated from hi-tensile steel plate, of varying thickness from 7 ga. to 3/4"

D. The packer shall have replaceable heat treated bushings in the pivots.

The face sheet shall be 3/16" ASTM A-514 steel w/ minimum hardness of 321 BHN.

4. The packing mechanism shall be powered by two 4 1/2" bore cushioned hydraulic cylinders.

5. The slide mechanism shall be powered by two 4 1/2" Bore cushioned hydraulic cylinders.

6. The packer and slide cylinders shall be interchangeable.

7. The slide and packer cylinders shall have hardened, chrome plated rods. Each cylinder shall have replaceable heat treated bushings.

8. The packing blades shall operate in a minimum 19 second cycle time with a minimum 3 second reload time.

9. The compaction cycle shall interrupt above the hopper sill.

10. Material in the hopper shall be compacted between the packing mechanism and the ejector panel. The ejector panel shall hold pressure against the compacted material and will automatically drift forward by a hydraulic load control valve without operator assistance.

11. The packer blade (sweep) assembly shall be protected by a secondary relief valve that is integral to the tailgate-mounted control valve.

Yes/No Offered

EJECTION SYSTEM

1. The load shall be ejected by a double acting, telescopic hydraulic cylinder that shall extend and retract the ejector panel the full length of the body without the use of clamp bars or related hardware.

2. The ejector cylinder shall have replaceable heat treated bushings. The cylinder shall have the following dimensions:

Body size	Bore	Stroke	Stages
13 cu. yd.	5.5"	70.5"	3

3. The ejector panel shall have an 11 gauge hi-tensile steel face sheet that is reinforced by structural steel tubing and formed channels of high tensile steel.

4. The ejector panel shall be mounted on 8 high-density polyethylene wear shoes that shall be replaceable without removing the ejector panel from the body. Metallic shoes are not acceptable.

5. The ejector panel shall be guided in the body by two guide tracks located on the body sides 3" above the body floor. The tracks shall be 4 3/4" deep, fabricated from hi-tensile steel and fully welded to the body sides.

_____	_____

6. The ejector cylinder shall be mounted angularly to the body floor and not require a trough or depression in the floor.

Yes/No Offered

_____	_____

_____	_____

_____	_____

_____	_____

_____	_____

CONTROLS

1. The ejector and tailgate lift controls shall be mounted at the left front of the body.
2. Ejector and tailgate controls shall be mounted directly to the valve spool.
3. A throttle advance switch shall be located convenient to the ejector and tailgate lift controls.
4. The tailgate controls shall be located at the right rear of the tailgate. The two-lever design shall have positive control of movement of the packing mechanism at all times. The tailgate controls shall comply with the applicable A.N.S.I. regulations.
5. An automatic throttle advance device shall be incorporated with the tailgate controls.

Yes/No Offered

_____	_____

HYDRAULIC SYSTEM

1. The hydraulic pump shall be a fixed displacement rated at no less than 2500 psi working pressure and have sufficient capacity to equal 35-38 GPM flow at a reasonable engine RPM

2. The hydraulic pump shall be a direct mount to a transmission-driven clutch-activated hot shift PTO or driven by the engine crankshaft.

3. For extended life of all hydraulic components, the maximum operating pressure shall not exceed 2500 PSI.

4. The hydraulic system shall incorporate an adjustable relief in the body valve.

5. Hydraulic hoses and tubes shall be secured by clamps as required to prevent damage from abrasion and vibration. Hydraulic hoses and tubes shall use S.A.E. O-ring boss and JIC 37 degree flare ends for zero leaks.

6. Hydraulic hoses shall comply with the applicable S.A.E. standards for the designed specifications.

7. Hydraulic hoses are to have a 4:1 burst to working pressure safety factor.

8. The hydraulic oil reservoir shall have a minimum capacity of 50 gallons. The reservoir shall be equipped with filler, breather cap, sight glass, clean out cover, 100 mesh suction filter, magnetic tank drain plug and gate valve at the suction outlet. The hydraulic reservoir shall not be a structural member of the body or the mount for the ejector cylinder.

9. A 10 micron Inline Return line filter shall be located on the hydraulic tank and be equipped with a condition indicator.

10. A suction screen filter of 100 mesh (141 micron) shall strain all the oil leaving the tank. Suction filter shall be equipped with a 5 P.S.I. bypass valve.

11. All hydraulic valves shall be sectional in order to allow replacement of defective sections without replacement of the entire valve.

12. All cylinders and valves shall have SAE O-ring boss ports.

13. Hydraulic system shall meet an ISO cleanliness standard of 20/18/13

14. Manufacturer shall provide printed ISO hydraulic cleanliness record.

Yes/No Offered

HYDRAULIC CYLINDERS

1. All cylinders shall have a working pressure rating of 3000 psi.

2. The packer and slide cylinders shall have chrome plated rods.

3. The packer and slide cylinders shall carry a minimum two year warranty.

4. Tailgate cylinders shall have chrome plated cylinder rods, and be equipped with restrictors to limit the speed of raising and lowering of the tailgate.

5. Telescopic cylinders shall have chrome plated cylinder sleeves and plungers.

6. All cylinders are to operate without direct contact with the compacted load.

Yes/No Offered

ELECTRICAL

1. All electrical wiring shall be color coded and be protected by braided loom.

2. Electrical harnesses shall be connected with weatherproof automotive-grade electrical connectors.

3. Electrical wires shall be stranded copper type with a SXL covering to remain flexible and to resist deterioration.

4. Electrical wires shall be color coded and numbered or have their function printed for easy identification.

5. Body electrical system shall be protected with its own fuse block.

6. All fuses shall be ATO type.

7. All limit switches shall be waterproof to prevent damage from the elements, and pressure washing.

8. All lighting shall comply with F.M.V.S.S. #108, with an additional set of two stop, tail and turn lights mounted above the hopper on a light bar.

9. Clearance, backup, stop and directional lights shall be rubber grommet mounted with sealed light housings, lexan lenses, vibration resistant filaments, and unitize sealed quick change connections.

10. A 112 Db backup alarm conforming to current standards must be provided. The alarm must also sound when the tailgate is open.

11. Conspicuity tape shall be applied per

ANSI Z245 requirements.

Yes/No Offered

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

PAINTING

1. All burrs and rough areas are to be ground smooth and all welds cleaned to remove slag.
2. Prior to application of any coating, all surfaces shall be thoroughly cleaned and conditioned with a phosphate solution.
3. The body shall then be coated with two (2) coats of a self etching epoxy primer.
4. Two finish coats of polyurethane Enamel shall be applied to produce a high gloss finish.

Yes/No Offered

_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

ADDITIONAL REQUIREMENTS

1. A rear vision camera system shall be provided and include LCD flat screen monitor in cab.
2. An Emergency PTO Stop will be located on the rear of the body.
3. Smart light system.
4. Dual front and rear strobes. located on the front and rear of the body.
5. Rotary actuated cart tipper shall be center mounted on the rear load sill with handles mounted curbside.
6. Mud flaps in front and rear of rear tires.
7. LED strobes mounted in the chassis grill.
8. Hopper drain plug to be installed in a manner to allow draining from the side.
9. Operators and Parts manuals shall be provided on CD and paper copy.

Yes/No Offered

Yes/No Offered

Warranty

1. One year warranty on the entire unit.

2. Manufacturer must provide "On-Site" warranty service.

3. Manufacturer shall have a factory authorized Parts and service facility or a manufacturing facility within 30 miles of the Jones County Solid Waste Department. (If "NO" state distance.)

DELIVERY

Indicate number of day's product shall be delivered after issue of the P.O.

Preventative Maintenance plan

Winning bidder is required to do quarterly inspections of the trucks to make aware any potential problems that need to be addressed. Winning dealer will need to do a full service 2 times a year that includes new oil, oil filter, fuel filters, AC filters and a full multipoint inspection of the unit where the winning dealer comes and gets the trucks and then returns them after the service is performed. The winning dealer will also need to have the DPF filter cleaned 18 months after the in service date where they come and get the truck and then return it after the work is performed.

The plan will include 6 full services as well as 1 DPF cleaning. This will need to be included with the reverse auction sales price with the bodies up chassis.