# ORDER: ACCEPT BEST BID/QUOTE RECEIVED FOR PURCHASE OF ONE REAR LOADING GARBAGE TRUCK FROM SANSOM EQUIPMENT COMPANY OF \$168,000.00

Motion was made by Greg Bynum, duly seconded by Scott Allen, to accept best bid/quote received for purchase of one rear loading garbage truck from Sansom Equipment Company of \$168,000.00.

The vote on the motion was as follows:

Supervisor Brent Larson, voted yes Supervisor John Morgan, voted yes Supervisor Tim Gordon, voted yes Supervisor Scott Allen, voted yes Supervisor Greg Bynum, voted yes

After the vote, President Larson, declared the motion carried, this the 16<sup>th</sup> day of December, 2024.

Brent Larson, President Board of Supervisors Mike Roberts, Chancery Clerk

## Kate Victor

From:

Doug Wiggins < DWiggins@trpdd.com>

Sent: Friday, December 13, 2024 12:09 PM

To: Kate Victor

**Subject:** Reverse Auction Bid Results 8 yard Rear Loader

Title:	8 cu. yard rear loader garbage truck with cab over chassis
Agency:	Mississippi > Lafayette County
Start date:	13-Dec-2024 10:00:00 AM CST
End date:	13-Dec-2024 10:30:00 AM CST

BidID	Username	Bid Amount	Bid Submittal Date/Time	First Name	Last Name	Company name
102758	MUNICIPALEQUIPMENTSALES	168000.0000		Dustin		Sansom Equipment Comp

Good afternoon Kate,

Above is the results of the reverse auction for the 8 yard rear loader " satellite " truck.

Sansom Equipment's bid was \$ 168,000.00. Per Dustin Jones the unit is currently in stock and available for delivery upon receipt of order. Please let me know If I can be of any assistance.

Have a great weekend!

# Doug Wiggins

# Division Director-Government Functions Division

Three Rivers Planning & Development District, Inc.

Three Rivers Solid Waste Management Authority

P O Box 690 • Pontotoc, MS 38863

Email:dwiggins@trpdd.com

Phone: (662) 489-2415 • Direct Office: (662) 488-6981

Cell: (662) 509-1604 • Fax: (662) 489-6815



REFUSE I STREET & SEWER TROCESSON

Y EDVINOSIONI





REAR LOADERS ALYOMATED SIDELLIADERS LE ERONT LOADERS SMALL REAR COADERS































Setcom



A STURBARE



Advanced?

FOR MUNICIPAL SALES CONTACT

DUSTIN JONES (601) 966-1266 dustin@secequip.com

seceģuip.com

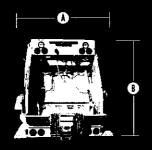
# DAMONDBACK\*





# BOLD AND READY TO STRIKE

A striking standout, the New Way Diamondback Rear Loader has quality in workmanship and raw materials that are unparalleled in the industry. The Diamondback was designed with quality, affordability, and the maneuverability to service residential and park routes in mind. Fully-equipped with a standard range of features that are merely options on most other units, the Diamondback is lethal to the competition.





21,000 lbs

#### **GENERAL SPECIFICATIONS**

Model	6 RL	8 RL	6 HC RL	8 HC RL
<b>Body Capacity</b>	6 yd <sup>3</sup>	8 yd <sup>s</sup>	6 yd≅	8 yd³
Hopper Capacity	1 yd3	1 yd³	l yd³	1 y <b>d</b> 3
*Body Width (A)	75"	75°	75°	75"
Body Height (B)	61"	61"	61"	61"
Body Length (C)	161"	189"	361"	189"
**Approx. Body Weight	5840 lbs	6130 lbs	5985 <b>il</b> əs	6275 lbs
Hopper Opening Width	54"	54"	54"	54"
Loading Sill Height	3.5" below frame	3.5° below frame	3.5" below frame	3.5" below frame
Hopper Cycle Time	8 - 10 secs.	8 10 secs.	14 18 secs.	14 - 18 secs.

#### MINIMUM CHASSIS SPECIFICATIONS

Recommended Cab to Axle	84"	108"	84*	108"
HYDRAULIC CYLINDER SP	ECIFICATION	S		
Slide Cylinders (2)	2.5"	2.5"	3"	3"
Sweep Cylinders (2)	2.5"	2.5"	3	3"
Tailgate Cylinders (2)	2.5"	2.5"	2.5"	2.5"
Ejection Cylinder	5 5°	6.5°	5.5"	6.5

17,000 lbs

17,000 lbs

# **BODY CONSTRUCTION**

AUTHORIZED WIN WAY DEALER

\*\*\*Minimum GVWR

Model	6/8 RL	6/8 HC RI
Roof & Sides	10 gauge	FO gauge
Floor (upper)	10 gauge	10 gauge
Floor (lower)		
Ejection Blade	10 gauge	10 gauge*
Sweep Blade		
Tailgate	10 gauge	10 gauge
Tailgate Liner	II.A	10 gauge
Hopper Floor		'/4"**

#### **HYDRAULIC SYSTEMS**

18,500 lbs

Max. Oper. Pressure	1800 - 2000 p
Oil Reservoir	22 gol
Oil Flow w/std. pump	20 gpm

#### STANDARD EQUIPMENT

- Semi automatic cycling
- Auto hack pack
- · Auto-lock tailgate
- Back up alarm
- Upper rear lights
- ICC lights and reflectors
- Sight gauge on oil tank
- Chrome cylinder rods
- Side access door
- Driver alert buzzer
- Tailgate ajor indicator Adjustable riding steps rear
- Prime paint
- Color rear vision camera system

#### **OPTIONAL EQUIPMENT**

Special lighting P10 & pump Finish paint - Axalta Imron Flite CNG powered Cart tipper

Body width is 85' with fenders.

Approximate Body Weight empty and exclusive of options. All models and specifications subject to change.

Any chassis sent to Scranton Manufacturing with less than the minimum guideline while test must be computed.

(Chassis must be copoble of carrying the net weight of the body plus the weight of the refuse collected.)











# 2024 Isuzu NRR

# New Way 8yd Diamondback



#### **CHASSIS SPECIFICATIONS**

Engine Make Isuzu

Model 4HK1-TC

Transmission Aisin A465ID - Auto

Drive Line 4X2

Fuel Type Diesel

Fuel Tank 30 Gallon Stainless Steel In-Frame

Brakes Hydraulic

Wheelbase 132.5" / 110" CA

Wheels 19.5" X 6" 6-Hole Disc (White)

Tires 225/70R19.5F (12 ply) - All Season

GVW 19,500 lbs.

PTO Transmission Mounted

Safety Feat. Triangle Kit, Emergency Shut-Off

# **BODY SPECIFICATIONS**

Body Style New Way 8 YD Diamondback

Body Capacity 8 YD<sup>3</sup> Hopper Capacity 1 YD<sup>3</sup>

Hopper Opening 54" Wide

Load Sill Height 3.5" (below frame)

Hopper Cycle Time 8-10 secs.

Max Oper. Pressure 1,800-2,000 psi

# **ADDITIONAL EQUIPMENT / FEATURES**

Back Up Camera AM/FM Radio
Power Windows CD Player
Power Door Locks Bluetooth

Back Up Alarm Cruise Control

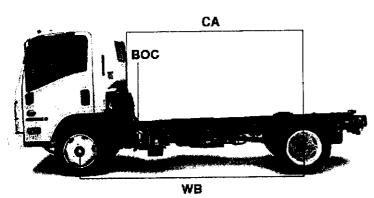
Block Heater Dual Heated Mirrors

\*Truck pictured above is for illustration purposes only! More pictures available upon request.\*

All specifications are believed to be correct. However, periodically errors and omissions do occur. Matthews Motors will not be held liable for errors and omissions. Please verify pertinent specifications prior to sale.



# **Weight Distribution**



Front Wt.	5,121.75 lbs.	39%
Rear Wt.	7,962.45 lbs.	61%
GVWR	19,500.00 lbs.	
GVW	13,084.20 lbs.	
Remaining Payload Weight	6,415.80 lbs.	

Driver/Passenger Weight	250.0 lbs.
Wheelbase (WB)	132.5 inches
Cab-to-Axle (CA)	110 inches
Body Length	15 Feet
Body Weight	6,200.0 lbs.
Back of Cab (BOC)	7.7 inches

Weight (lbs.)	Front	Rear	Total
Chassis	4,251.00	2,337.00	6,588.00
Chassis Equipment	45.20	1.00	46.20
Subtotal	4,296.20	2,338.00	6,634.20
Driver/Passengers	250.00	0.00	250.00
Body/Body Equipment	575.55	5,624.45	6,200.00
Payload	0.00	0.00	0.00
Total	5,121.75	7,962.45	13,084.20
GAWR/GVWR	7,275.00	13,660.00	19,500.00
GCWR			25,500.00

# **Chassis Equipment:**

Code	Item	Center of Gravity	Front Axle	Rear Axle	Total
54	White, 30 Gallon Stainless Steel In-Rail Fuel Tank with power windows, power door locks and air conditioning		0.00 lbs.	0.00 lbs.	0.00 lbs.
IF6	Fire Extinguisher and Triangle Kit mounted in rear organizer on standard cab and under rear seat on crew cab		19.00 lbs.	o.00 lbs.	19.00 lbs.
UZF	Back up alarm		0.00 lbs.	1.00 lbs.	1.00 lbs.
14H	CAN interface converter		1.10 lbs.	0.00 lbs.	1.10 lbs.
IH2	Engine emergency shutdown system HWT, LWL, LOP		0.00 lbs.	0.00 lbs.	0.00 lbs.
IL9	PTO enable switch and engine idle up switch recommended for PTO and idle applications only		0.10 lbs.	0.00 lbs.	0.10 lbs.
IOW	Heated dual remote control mirrors (17" head)		4.00 lbs.	0.00 lbs.	4.00 lbs.
I5W	Engine oil pan heater with receptacle (125V 300W)		3.00 lbs.	0,00 lbs.	3.00 lbs.
I6L	LED lighting package		0,00 lbs.	0. <b>0</b> 0 lbs.	0.00 lbs.
I6T	Suspension driver's seat		18.00 lbs.	0.00 lbs.	18.00 lbs.
14 <b>1</b>	30 Gallon Stainless Steel In-Rail Fuel Tank		0.00 lbs.	0.00 lbs.	0.00 lbs.

# Driver/Passengers:

	Center of Gravity	Front Axle	Rear Axle	Total
Driver	front axle	250.00 lbs.	0.00 lbs.	250.0 lbs.

Current report content is based on data as of 2024-05-14 07:16:16. Any performance-related calculations are offered solely as guidelines. Actual vehicle performance will depend on your operating conditions. All Information, specifications and pricing in this application are based on the latest information available. Isuzu Commercial Truck of America, Inc. reserves the right to discontinue or change, at any time, without prior notice, the pricing, specifications, options, materials, equipment, design and models.



# **Weight Distribution**

# **Body/Body Equipment:**

Code	Item	Center of Gravity	Front Axle	Rear Axle	Total
	Body	12 inches in front of the rear axle	575.55 lbs.	5,624.45 lbs.	6,200.00 lbs.

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# **Selected Model and Options**

Selected Model a	na Option	•	
	Code	Description	Weight
Model			
	3U2	NRR Cab Chassis 132.5"WB, 110"CA	
	54	White, 30 Gallon Stainless Steel In-Rail Fuel Tank	
		with power windows, power door locks and air	
		conditioning	
Tires			
	15H	LRR (low rolling resistance)	0.0 lbs.
Engine			
~g	I1B	4HK1-TC, diesel engine 317 CID (5.19L), 215 HP at	0.0 lbs.
	110	2550 RPM: 452 ftlb. gross torque at 1850 RPM. 4	
		cylinder, 16 valve, four cycle, overhead cam,	
		turbocharged, inter-cooled, water cooled EGR valve,	
		direct injection, electronically controlled common rail	
		fuel system, engine cruise control function. Oil level	
		check switch and light. Engine Warning system with	
		audible warning for low oil pressure, high coolant	
		temperature, and low coolant level.	
Transmission			
Transmission	11W	Aisin A465id 6-speed automatic transmission,	0.0 lbs.
	1144	Ratios: 3.742, 2.003, 1.343,	
		Tailos, 5.17-2, 2.000, 1.010,	
Wheelbase	140	400 Fire bear included ladder type channel frame	0.0 lbs.
	IA9	132.5 inches, includes ladder type channel frame.	0.0 100.
		Full C section straight frame 33.5 inches wide. Yield strength 44,000 psi; section modulus 7.20 in3 RBM	
		316,800 lb./ft./in. per rail. 110"CA	
Air Cleaner		m m to the term of term of the term of the term of the term of term of the term of the term of the term of term of	0.0 lbs.
	KNX	Dry Paper single element. (Donaldson brand) Air	0.0 lbs.
		cleaner canister standard with air restriction indicator	
		in the driver's Multi-Information Display (MID).	
Alternator			0.04
	I2C	140 AMP, with integral regulator.	0.0 lbs.
Battery			
<u></u>	IX1	Dual 12-Volt maintenance free group 31 750 CCA	0.0 lbs.
		batteries with threaded posts	
Exhaust		· ·	
Exiladat	IX7	Single horizontal with DPF/SCR exhaust system	0.0 lbs.
	IAI	Grigle Horizontal with Britison Contact System	
Front Axle		um i de la 2026 lle le desde a intermet	0.0 lbs.
	IZ6	"I"-beam rated at 7,275 lbs. Includes integral	0.0 153.
		hydraulic power steering. Ratio 18.8-20.9:1.	
Front Suspension			0.045
	ID8	8440 lbs. Capacity semi elliptical tapered leaf spring.	0.0 lbs.
		Includes shock absorbers and stabilizer bar	
Front Wheels			
	IB9	19.5" x 6", 6-hole disc, painted white	0.0 lbs.
Front Tires			
110:11:11:00	XTN/R3M	225/70R19.5F (12 ply) tubeless Radial, all season	0.0 lbs.
D 0	A HM/NOIVI	ZEON ON TOTAL TIE PHY TODOLOGO THOUGH ON DOGGO.	
Rear Suspension	100	44 EEQ the generality Comi alliptical main and	0.0 lbs.
	ID9	14,550 lbs. capacity. Semi-elliptical main and	0.0 109.

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# **Selected Model and Options**

Selected Model and Obtion		Weight
Code	Description	**eigin
	auxiliary multi-leaf springs. Includes shock absorbers.	
Rear Axle	o: Leasand 44 SEO lb conscituy/ith oil lubricated	0,0 lbs.
ID3	Single-speed, 14,550 lb. capacity with oil lubricated rear wheel bearings.	•/•
Ratio		0.0 lbs.
011	5.571:1	0.0 103.
Rear Wheels	and an old the state distribution	0.0 lbs.
IC1	19.5" x 6", 6-hole disc, painted white	0.0 120
Rear Tires YTN/S3M	225/70R19.5F (12 ply) tubeless Radial, all season tread.	0.0 lbs.
Fuel Tank		0.0.160
141	30 Gallon Stainless Steel In-Rail Fuel Tank	0.0 lbs.
Seat		0.0 lbs.
AQB	Driver seat is reclining high back. Two single occupant fold down seats with tray backs.	0.0 103.
Brakes		0.0 lbs.
K40	Butterfly valve type exhaust brake	0.0 lbs.
IE1	Vacuum + Power Assist; hydraulic 4-wheel disc brakes with 4-channel ABS. Mechanical,	0.0 120.
	transmission mounted parking brake. Non-asbestos	
	semi metallic linings are standard.	
Air Conditioning		0.016-
C60	Air conditioner	0.0 lbs.
Power Windows & Door Locks		0,0 lbs.
1L0	Yes	0.0 lb3.
Floor Mats	Other stand Floor Moto	0.0 lbs.
IQ6	Standard Floor Mats	212 12 21
Model Option 54	White, 30 Gallon Stainless Steel In-Rail Fuel Tank	0.0 lbs.
54	with power windows, power door locks and air	
	conditioning	
Additional Options		40.0 %
IF6	Fire Extinguisher and Triangle Kit mounted in rear	19.0 lbs.
	organizer on standard cab and under rear seat on	
UZF	crew cab Back up alarm	1.0 lbs.
14H	CAN interface converter	1.1 lbs.
IH2	Engine emergency shutdown system HWT, LWL,	0.0 lbs.
	LOP	0.4 %
IL9	PTO enable switch and engine idle up switch	0.1 lbs.
	recommended for PTO and idle applications only	4.0 lbs.
IOW	Heated dual remote control mirrors (17" head) Engine oil pan heater with receptacle (125V 300W)	3.0 lbs.
I5W	LED lighting package	0.0 lbs.
16L 16T	Suspension driver's seat	18.0 lbs.
101	guaponalon dilvoi a acut	

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# **Selected Model and Options**

	Code	Description	Weight
Assistance System	151	Electronic Vehicle Stability Control (EVSC) include ASR (Anti-Slip Regulation)	0.0 lbs.
Accessories	IX2 8RP	Rear body dome lamp switch AM/FM stereo with auxiliary input, USB port, and Bluetooth.	0.1 lbs. 0.0 lbs.

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# SERIES



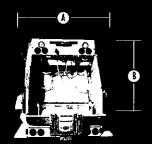


# BOLD AND READY TO STRIKE

A striking standout, the New Way Diamondback Rear Loader has quality in workmanship and raw materials that are unparalleled in the industry. The Diamondback was designed with quality, affordability, and the maneuverability to service residential and park routes in mind. Fully-equipped with a standard range of features that are merely options on most other units, the Diamondback is lethal to the competition.

# DIAMONDBACK







#### **GENERAL SPECIFICATIONS**

Model	6 D	8 D	6 D HC	8 D HC
<b>Body Capacity</b>	6 yd)	8 yd³	6 yd¹	8 yd <sup>3</sup>
Hopper Capacity	ł yd³	1 yd³	1 yd³	1 yd³
*Body Width (A)	75"	75"	75"	75"
Body Height (B)	61"	61"	61"	61"
Body Length (C)	16}"	189"	161"	189"
**Approx. Body Weight	5,840 lbs	6,130 lbs	5,985 lbs	6,275 lbs
Hopper Opening Width	54"	54"	54"	54"
<b>Loading Sill Height</b>	3.5" below frame	3.5" below frame	3.5" below frame	3.5" below frame
<b>Hopper Cycle Time</b>	8 10 secs.	8 10 secs.	14 18 secs.	14 - 18 secs.

#### **MINIMUM CHASSIS SPECIFICATIONS**

***Minimum GVWR	17,000 lbs	17,000 lbs	18,500 lbs	21,000 lbs
Cab to Trunnion	84"	108"	84"	108"
DRAULIC CYLINDER S	PECIFICATION	5		
Slide Cylinders (2)	2.5"	2.5"	3"	3"
Sweep Cylinders (2)	2.5"	2.5"	3	3
Tailgate Cylinders (2)	2.5"	2.5"	2.5"	2.5"
<b>Ejection Cylinder</b>	5.5*	6.5"	5.5"	6.5"

## **BODY CONSTRUCTION**

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Model	6/8 RL	6/8 HC R
<b>Roof &amp; Sides</b>	10 gauge	10 gauge
Floor (upper)	10 gauge	10 gauge
Floor (lower)	$\frac{1}{4}$ "	
Ejection Blade	10 gauge	10 gauge
Sweep Blade	$1_A^{-\alpha}$	
Tailgate	10 gauge	10 gauge
Tailgate Liner	N.A.	10 gauge
Hopper Floor	1/4"	1/4"

#### HYDRAULIC SYSTEMS

Max. Oper. Pressure	1,800 - 2,000 ps
Oil Reservoir	22 gal
Oil Flow w/std. pump	20 gpm

#### STANDARD EQUIPMENT

- Semi putomatic cycling
- Auto back pack
- Auto-lock tailgate
- Back up alarm
- Upper rear lights
- ICC lights and reflectors
- Sight gauge on oil tank
- Chrome cylinder rods
- Side access door
- Driver alert buzzer
- Tailgate ajar indicator
- · Adjustable riding steps rear
- Imron elite productive paint
- Color rear vision camera system

#### **OPTIONAL EQUIPMENT**

Special lighting

PTO & pump

(NG powered

Cart tipper

Body width is 85° with fenders.

Approximate Body Weight empty and exclusive of options. All models and specifications subject to change.

Any chassis sent to Scranton Manufacturing with less than the minimum guideline requirements will not be mounted. (Chassis must be capable of carrying the net weight of the body plus the weight of the refuse callected.)

A STOLL SHARE STEEL WINE PLANTS OF STREET











- 800 831 1858 - www.newwaytrucks.com





QUOTE#

SECQ7987

DATE

Jul 20, 2021

SOURCEWELL CUSTOMER ID # SOURCEWELL CONTRACT #

To:

Sales Contact:

**Dustin Jones** 

601-966-1266

dustinjones@secequip.com

QUOTE STATUS	SHIPPING TERMS	DELIVERY IN DAYS	PAYMENT TERMS		
	Customer Location		Net Delivery		
QTY		DESCRIPTION			
1	New Way 8 yard Diamondback Rea	r Loader			
1	Includes LED Bodylights, Safety sh door, Fire extiguisher 10 lb., Triangle port, plastic fenders. One year body	utdown curbside, Driver alert buzzer e kit, 5.6" Camera, zinc plated hydrau v and hydraulics warranty, Two year h	ilic tubes, quick pressure connect		
1	1 Acrylic Urethane Enamel White				
1	1 EXTENDED LOADSIL AND MOUNTING SUPPORT FOR TIPPER - Must know tipper model				
1	LED Work Lights ((2)mounted inside upper tailgate shining in hopper)				
1	Strobe Light Package (Integrated Strobe System) ((2) round lights mounted upper tailgate)				
1	Auto-Trans (Hot Shift w/Overspeed)	w/Pump			
1	Quick Connect Pressure Gage				
1	New Isuzu NRR Chassis				
1	REVOLUTION TIPPER				
1	Mounting of one Tipper				
1	Freight				

This quote does not include any federal, state, or local taxes.

\* In stock equipment are subject to prior sale. \*

This quote is valid for 30 Days.

Please contact me if I can be of further assistance.

BIRMINGHAM AL OFFICE

2800 Powell Avenue Birmmpham, AL 35233 Pr. (205) 324-3104 Fax: (205) 324-2679 MOBILE AL OPPICE

2025 West 165 Service Road North Mobile: AL 36618 Phr (251) 631-3766 Faxt (251) 631-3768 SHELBYVILLE IN OFFICE

3196 Highway 231 North Shelbyville, TN 37160 Ph; (615) 696-7066 Fax (615) 413 5323 STONECREST GA DEFICE

2601 S Stone Mountain Lithonia Road Stonecrest: GA 30058 Ph: (706) 685-6900 Fax: (706) 609-3491



## Sansom Equipment Company

2800 Powell Avenue S Birmingham, AL 35233 (205) 324-3104

Dear Lafayette County,

At Sansom Equipment Company, we are committed to delivering high-quality products and exceptional service to our valued customers. As part of our customer-focused approach, we offer a comprehensive warranty on our garbage bodies that ensures your equipment is maintained to the highest standards of performance.

Warranty work for garbage bodies purchased from Sansom Equipment will be conducted at the customer's site within Lafayette County, MS. We understand the importance of minimizing downtime and are dedicated to providing timely service to keep your operations running smoothly.

In the event that a unit requires transportation for warranty service, Sansom Equipment will assume full responsibility for the transportation costs involved. This policy underscores our commitment to providing value and support to our customers.

Thank you for choosing Sansom Equipment Company. We look forward to serving you and ensuring the reliability of your equipment.





## PROPOSAL FOR BID

Pursuant to your advertisem	ent a reverse	auction	wi∥ be	conducted	ı at
9:00 A.M., Friday, Dece	ember 13 <sup>th</sup> , 202		- TYANGO	m FaunM	wr
Company	residing	at	~800 Por	JE! 1700.	<u> </u>
Biomikhdon At 35233	does submit o	our bid fo	r furnishin	g the follow	wing
in accordance with Lafayette	County specifi	cations.	This prop	osal is m	ade
without collusion on the part of	any person, firm	n, or com	oration.		

Our prices are quoted in FIGURES ONLY for furnishing such, FOB Lafayette County Solid Waste Department as listed below.

NOTE: IN THE EVENT THE LOWEST AND BEST BID FAILS TO MEET THE DELIVERY REQUIREMENT SPECIFIED IN BID, THE AWARD MAY BE GIVEN TO THE SUBSEQUENT LOWEST BID MEETING SPECIFICATIONS, READVERTISED, OR CANCELED.

All bids received will be evaluated for compliance with the bid requirements and specifications. Award will be made based on the lowest and best, meeting Lafayette County's specifications and bid requirements. If extensions are found to be incorrect, the unit figure will be used to determine the final bid.

The specifications herein describe the minimum acceptable features and performance requirements for rear loaders. Bidders must thoroughly read and understand these specifications prior to proposal submission. All proposals must be submitted on Lafayette County's form provided. Bidders shall complete the specification column with a check mark to indicate if the item being proposed by the Bidder is exactly as specified. If an item is left blank, Lafayette County will assume the Bidder cannot meet the specifications and may cause rejection of the proposal. By checking any of the "NO" spaces the Bidder states that the product being proposed does not conform to that specification. All variations and/or exceptions must be documented, referencing applicable paragraph(s), and supplied on a separate page titled "Exceptions". If Lafayette County determines by any means that exceptions exist which were not identified on such list, then that proposal will be disqualified as being non-responsive. If no exceptions are taken, it will be assumed that the proposal meets all specifications. Failure to provide the exact chassis and body specified will disqualify said bidder. Each bidder must include within their solicitation packet current published manufacturing specification documents.

# LAFAYETTE COUNTY, MS BID SPECIFICATIONS FOR 8-YARD-HIGH COMPACTION REARLOADING REFUSE COLLECTION BODY AND LIGHT DUTY NON-CDL CHASSIS

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 to eject the load. Meets intent will be deemed as "NO".

GENERAL: All equipment furnished under this contract shall be new and unused, and the same as the manufacturer's 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 A245.1-2008.

# SUGGESTED BID SPECIFICATIONS Bidder Shall Complete the Following If No, State Specifically the Item Being Offered

A C	APAC	NTV				
		діт				
	Th	e capacity shall be measured	d exclusive of the	hopper.		
	1.	The body shall have a mini	mum capacity of		yes	
		8 Cubic Yards			V	 
	2	The body shall have a com 1,000 pounds per cubic ya	paction rate of u	p to sehold	ye.s	
		trash			yes	 <u></u>
в Е	BODY	DIMENSIONS				
	1.	Maximum overall width not	to exceed 75"		yes	 
	2	Maximum overall length and position) above the chassis	d height ( <i>with tail</i> frame not to exc	gate in Locked eed		
		Capacity	Length	Height		
		8 Cu.YD	189"	61"	<u>yes</u>	 <u>.</u>

	YES	NO	OFFERED
<ol> <li>Body height above truck frame with the tailgate fully extended shall not exceed 109"</li> </ol>	کمی	· ····································	
4. Body weight (exclusive of options) shall not exceed:	•		
Capacity Weight			
a. 8 Cu./Yd. 6,275 pounds	yes		
	yes		
C. BODY CONSTRUCTION			
The body shall be constructed entirely of high tensile sheet steel and formed sections	yes	<del></del>	
<ol><li>Body sides and roof shall be curved, and the floor shall be reinforced so as to withstand continuous operation at maximum loads without harmful deformation or wear.</li></ol>	yes		
<ol> <li>The roof shall be constructed of 10-gauge 80,000 PSI high tensile stee!</li> </ol>	yes		
<ol> <li>The body sides shall be constructed of a minimum of 10 gauge 80,000 PSI high tensile steel.</li> </ol>	<u>yes</u>	<del></del>	
5. The body sides shall be of the curve shell design	yes		
The body floor shall incorporate a trough design (flat floors not acceptable).	yes_		<del></del>
7. The body floor sides shall be a minimum of 10 gauge 80,000 PSI high tensile steel	yes		
<ol> <li>The body floor center shall be 1/4" high tensile plate steel.</li> </ol>	yes		
<ol> <li>The trough shall be constructed of two 6" channel sills to hold the ejection panel in line under the most extreme load conditions</li> </ol>	yes	-	
10. Side access door shall be located on the street side of the body side wall.	yes		

Rear	loading refuse packer specification con't.			
		YES	NO	OFFERED
11.	Side access door shall incorporate a PTO shut-down interlock switch to prevent the hydraulic system from operating the door in the open position.	Jes.		
D. '	TAILGATE DIMENSIONS			
1	Hopper width shall not be less than 54".	Yes		
2	Hopper opening height shall not be less than 45"	yes		
3	Hopper capacity shall not be less than 1 cubic yard, measured by the WASTEC DWRP03 No.1 method	yes.		
4	Hopper cycle time with the standard PTO and pump shall not exceed 15 seconds	<u>yes</u>		
E	AILGATE CONSTRUCTION			
1	Tailgate sides shall be constructed of a minimum of 10- gauge high tensile sheet steel.	405		
2	The lower tailgate sidewall shall have a 10-gauge AR200 liner	Yes		
3.	Tailgate sides shall be reinforced by 10 gauge 1 3/4" x 4" formed steel and fully welded in a horizontal position for maximum support.	ye.s		
4	An interlaced network of 3/16" wall 1 1/2" x 2 1/2" structural tube shall form the slide blade guide tract	yes		· · · · · · · · · · · · · · · · · · ·
5.	The tailgate perimeter edge shall be reinforced by a 2" x 2" structural steel tube.	Ves		
6	The tailgate shall be equipped with an automatic hydraulic locking system to ensure constant pressure for a tight seal	<u>Yes</u>		
7	The tailgate shall be raised by two 2 1/2" x 24" cylinders equipped with restrictors to prevent precipitous tailgate decent in the event of a broken hydraulic line.	Yes		
8	Tailgate shall be equipped with a chemically inert seal to provide a watertight seal	yes		
9	The hopper floor shall be equipped with a 1 1/2" drain plug.	<u>ves</u>		

Rea	r loading refuse packer specification con't.			
		YES	NO	OFFERED
10	Hopper floor shall remain stationary during the packing cycle.	yes.		
<b>1</b> 1	Hopper floor shall be a minimum of 1/4" high strength sheet steel adequately braced to withstand maximum pressures imposed upon it.	yes		
12	The hopper load sill shall be constructed of 3" x 4" x 1/4" wall tube and shall be even with the truck frame	Yes		
13	Self-cleaning grip strut bolt on steps and grab handles shall be required on both sides of the tailgate	yes		
F. 1	PACKING MECHANISM CONSTRUCTION			
1	The sweep panel shall be of the backhoe packing type and designed to have a minimum clearance too thoroughly clean the hopper bottom during cycling	<u>Yes</u>		<del> </del>
2	The sweep panel face plate shall be constructed of 1/4" high tensile sheet steel and shall be reinforced with internal and lateral braces constructed of ¾" plate steel	Yes		
3.	The sweep panel shall be powered by two 3" x 16" double action cylinders	yes.		
4	The slide panel face plate shall be constructed of formed 10-gauge high strength sheet steel reinforced with internal braces of 10-gauge high strength sheet steel and 4" channel	Yes		
5.	The slide blade shall be powered by two 3" x 30" double action cylinders	yes		
6.	The linear slide movement of the panel shall be accomplished on four 2 1/2" x 4 1/2" x 6" high density UHMW guide bearing blocks	Yes		- Charles
7.	The pivotal rotation of the sweep panel shall be accomplished through the sweep blade pivots which shall be a minimum of 2 1/2" in diameter	<u>Yes</u>		
G. E	JECTION PANEL CONSTRUCTION			
	Ejection panel shall form the front of the body and be hydraulically operated and designed to have a minimum clearance to thoroughly clean the body during cycling.	<u>Yes</u>		

Rear loading refuse packer specification con t.	
	YES NO OFFERED
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	yes
3 The ejection panel face plate shall be constructed of 10 gauge high strength sheet steel and reinforced with trapezoidal cross members of high strength 1/4" wall 3" x 3" structural tube.	<u>yes</u>
The ejection panel shall slide in a 6" channel sill on four high density UHMW slide bearing blocks	Yes
The telescopic cylinder shall be horizontally positioned     & consist of the following dimensional characteristics:	<u> yes</u>
Capacity Stage Bore	'
a 8 Cu /Yd. 4 Stage 6 5"	yes
	<u> </u>
H. CONTROLS	
<ol> <li>The ejector panel and tailgate raise control shall be mounted outside the front left-hand side of the body.</li> </ol>	<u>yes</u>
2 An electrical device shall be supplied to automatically raise the engine speed to the proper RPM during the packing cycle	<u>yes</u>
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 panel control.	<u> </u>
4 A Backpack Valve shall be required to automatically advance the ejector panel when packing against it.	4es
5 The packing blade 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.	¥€ 1
6 The packing panel control shall be a two-handle design and located at the rear of the tailgate on the curbside.	<u>yes</u>

Rear loading refuse packer specification con't.

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H	YDRAULIC SYSTEM	163	NO	OFFERED			
1.	Power takeoff/pump combination shall be used to power the hydraulic system	<u>Yes</u>	<del></del>				
2	All hydraulic valve shall be mechanically operated and use direct link controls.	yes					
3	The hydraulic pump shall provide a minimum delivery of 17 GPM at 1500 RPM	yes					
4	Normal maximum operating pressures shall not exceed 2000 PSI	<u>yes</u>					
5	The hydraulic system shall incorporate a relief valve to protect all components from excess pressures	yes		<u> </u>			
6	All hydraulic hoses shall conform to S.A.E. Standards No flat spots in hoses will be acceptable	162					
7.	Hydraulic tank shall not be less than 22 gallons and must be equipped with a sight and temperature gauge. The tank shall be located inside the body.	yes					
8	A replaceable 10-micron spin on filter with bypass valve shall be furnished in the return line of the hydraulic system.	Yes					
9	A shut-off valve shall be mounted on the suction line near the oil tank	yes					
0.	All cylinder rods shall be chrome plated.	yes					
1	All cylinders shall incorporate nylon wear rings on the piston and rods to prevent metal to metal contact, and an "O" ring is to be used to pre-load the seal.	<u> 465</u>					
E	ELECTRICAL						
1	All wiring shall be loomed or in conduit.	<u>yes</u>					
2.	The body shall be equipped with approved LED clearance, warning, tail, license, stop and turn signals in compliance with the national safety standards.	Ye5					
3	The body shall be equipped with an external audio back up alarm activated when the chassis is in reverse.	<u>Ye.5</u>					

Real	loading refuse packer specification con't.			
		YES	NO	OFFERED
4	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.	<u>Yes</u>		
5	A light bar shall be mounted on the upper section of the tailgate and consist of stop, turn, backup and three cluster lights	ye-s		
6	Minimum 5.6" color camera rear vision system shall be installed.	yes		
7	Driver alert buzzer shall be installed at the rear of the tailgate by packing controls	Yes		
8	Safety shut down switch to be provided on the right side of the tailgate.	<u>yes</u>		
K	PAINT			
1	The body shall be properly cleaned of all dirt, oil and welding slag. A gray epoxy lead-free primer with rust inhibitors shall be applied.	<u>Vers</u>		
2.	Topcoat paint shall be DuPont Imron 5000	yes		
	Specify paint code. Laxy	,		
	Specify paint color White			
L M	OUNTING			
1.	Body shall be mounted in accordance with industry standards. No welding shall be performed on the chassis frame in the mounting process.	Yes		
2.	10-pound fire extinguisher mounted on body.	Yes		
3.	Triangle reflector kit located in cab.	<u>yes</u>		
МΙ	VARRANTY			
1	Manufacturer's limited warranty shall apply for a period of one year after date of acceptance of the unit.	<u>yes</u>		
2.	Hydraulic cylinder limited warranty shall apply for a period of two year after date of acceptance of the unit.	<u>yes</u>		

Rear loading refuse packer specification con't.

		YES	NO	OFFERED
N.	ADDITIONAL EQUIPMENT			
1.	Hopper Lights-(4) (2) LED white lamps shall be mounted on the upper half of the tailgate. The lights shall be capable of illuminating the inside hopper of the tailgate. The lights will be activated by a switch in the cab of the chassis (2) LED's shining rearward	<u>Yes</u>		
2.	Strobes- Integrated strobe lights shall be mounted on the upper and lower part of the tailgate. The lights shall be activated by a switch located inside the cab of the chassis.	yes		
3.	2 Wheel Rotary Activated Cart Tipper- A two-wheel cart flipper shall be attached to the rear of the tailgate and shall include all associated hydraulic components	Yes	<del></del>	





A. The engine shall be a heavy-duty water cooled EGR valve, in-line four cylinder, 16 valve, turbo-charged, inter-cooled diesel, direct injection and overhead cam, model Isuzu NRR diesel 4HK1-TC.

Was B. Horsepower rating shall be a minimum 215 HP @ 2550 RPM. The torque rating shall be a minimum 452 LB/FT @ 1850 RPM. Displacement shall be a minimum of 317 cubic inches

C. The air cleaner shall be a heavy-duty air cleaner with an air cleaner mounted restriction gauge.

<u>Vℓ.</u>s D. The alternator shall be 140 Amps with integral regulator.

VLS E. Two maintenance-free batteries shall be provided with 750 CCA each

F. The chassis engine shall have a 30-gallon in-rail fuel tank and batteries with auxiliary engine

G. Engine diesel particulate filter, muffler and diffuser shall be vertically mounted behind the cab

#### TRANSMISSION

#### FRONT AXLE & SUSPENSION

 $-\sqrt{\ell}$  A. The front axle shall be I-beam type with a capacity of 7,275 lbs minimum.

B. Front suspension shall be semi-elliptical tapered leaf springs with a capacity of 8,440 lbs minimum

 $\frac{\sqrt{\ell^2}}{2}$  C. Front suspension shall include shock absorbers and stabilizer bar

### **REAR AXLE & SUSPENSION**

The rear axle shall be single speed with a capacity of 14,550 lbs minimum with oil lubricated rear wheel bearings.

B. Rear suspension shall be semi-elliptical leaf springs with a capacity of 14,550 lbs

	Vu	Đ.	5 71 rear axle ratio
В	RAKE SY	STER	N EQUIPMENT
_	Ves	Α	Brake system shall be 4 channel anti-lock, dual circuit, vacuum assisted hydraulic with EBD (Electronic Brake Distribution).
			Front brakes shall be disc-type, non-asbestos semi-metallic linings
_	<u>yes</u>	C.	Rear brakes shall be drum-type, non-asbestos linings
	<u>ves</u>	D.	Brakes shall be self-adjusting.
-	yes	E.	Parking brake shall be mechanical transmission mounted.
	yes_		Chassis shall include a Butterfly valve type exhaust brake
	RAME & V		
_	yes	A.	The wheelbase shall be no longer than 132.5inches.
	1		Frame shall be ladder-type channel frame full C-section straight frame 33.5 in. wide. Yield strength shall be minimum 44,000 psi. Section modulus to be minimum 7.2 cu. in. RBM shall be minimum 316,800 lbft/in. or equivalent
_	yes	C.	Turning radius to be no more than 20 feet (Curb to curb). No exceptions.
			Cab to axle to be a maximum of 110 inches.
	yes	E.	GVW to be a minimum of 19,500 lbs
TI	RES & WI	HEEL	s
_	yes_	A.	Tires shall be 225/70R 19.5F radial tubeless all-season tread 12 ply. No exceptions.  The rear axle shall have dual tires and wheels on each side of axle.
	Ves	В.	The rear axle shall have dual tires and wheels on each side of axle
_	yes	C.	Wheels shall be 19.5" X 6", 6-hole disc painted white or equivalent
CAB EX	TERIOR		
	yes	Α.	Cab shall be cabover type cab only. No conventional type chassis will be accepted  The chassis shall have heated dual remote control west coast mirrors.
	1/es	В.	The chassis shall have heated dual remote control west coast mirrors.
	Ves	C.	Dual West coast style mirrors must be cab mounted with integral convex mirrors
			Door windows shall be power type

Yes_	E.	optional cab lighting)
CAB INTERIOR		
<u>yes</u>	Α.	A heater, defroster, and air conditioner shall be provided
YES	В.	Seats shall be non-suspension seats with Tricot & Jersey knit combination cloth seat trim
<u> Ves</u>	C.	The chassis shall be equipped with power windows and door locks
yes_	D.	Three-point seat belts shall be provided.
<u>yes</u>	E.	The chassis shall have an AM/FM radio with CD player.
INSTRUMENTS &	CON	TROLS
,		Gauges shall consist of coolant temperature, fuel, and electronic speedometer with trip odometer. The chassis shall also have warning lights for oil and volts
yes	В.	Chassis shall be equipped with cruise control
		Chassis shall have cigar lighter and ashtray
- Yes	Đ.	The chassis shall have two speed windshield wipers with interval feature and windshield washer.
PAINT COLOR		
<u>yes</u>	A.	The chassis and wheels shall be painted white.  The chassis frame shall be painted black
<u>Yes</u>	В.	The chassis frame shall be painted black
CHASSIS WARRA	NTY	
yes_	A.	Basic chassis warranty shall be 3 years/unlimited miles.
yes .	В.	Chassis engine warranty shall be 5 years/ 200,000 miles
Yes		Transmission warranty shall be 3 year/unlimited miles
<u>\'es</u>		Frame rails shall be 3 years/unlimited miles
Yés	E.	Engine emissions shall be 5 years 100,000 miles
YES	F.	Corrosion (rust through) shall be 4 years/unlimited miles
<u> </u>	G.	Aftertreatment Warranty shall be 5 years/200,000 miles

	YES	NO	OFFERED
ADDITIONAL EQUIPMENT			
Can Interface Connector	Yes		
PTO enable switch and engine idle up switch	yes		
Suspension Drivers Seat	<u> ije s</u>		
Block Heater with Receptacle	40 S		
Engine Emergency Shot off – HWT, LWL, LOP	<u> 1/e3</u>		
Electronic Vehicle Stability Control with Anti Slip	Ves		
Please provide the brand of proposed chassis ISUZ	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Please provide the brand of proposed garbage body: <u>New State of the proposed garbage body</u> :	W WAY	7-10	(Imprediate)
Provide the number of days until delivery after receipt of pure	cnase qruer	Unit is	(Immediate) on the ground.
***** Notice to all approved bidders*****			

Due to programming restrictions of the reverse auction software, if the auction software will not allow you to submit your company's bid because another vendor has already entered a lower price, please enter your bid in the public comments section of the auction. Your bid price will be timed stamped when it is entered and will be considered along with the other bids.

GENERAL: All equipment furnished under this contract shall be new and unused. Accessories not specifically mentioned, but necessary to furnish a complete "ready to use unit" shall be included.