

Do Not Return Via Email or Fax

This is Not an Order

Mailing Address:
P. O. Box 1948
Mobile, Alabama 36633
(251) 208-7434

Purchasing Department
and Package Delivery:
Government Plaza
4th Floor, Room S-408
205 Government St
Mobile, Alabama 36644

READ TERMS AND CONDITIONS
ON REVERSE SIDE OF THIS PAGE
BEFORE BIDDING

Typed by: sd Buyer: 002

Please quote the lowest price at which you will furnish the articles listed below

Table with columns: DATE (06/03/2022), BID NO. (5691), DEPARTMENT (Motor Pool), Commodities to be delivered F.O.B. Mobile to: (To Be Specified)

This bid must be received and stamped by the Purchasing office not later than: 12:01 PM, Friday, June 24, 2022

Main bid table with columns: QUANTITY, ARTICLES, UNIT, UNIT PRICE (Dollars, Cents), EXTENSION (Dollars, Cents). Includes item description for 20 CUBIC YARD REAR LOADER GARBAGE TRUCK.

TOTAL

RETURN ONE SIGNED COPY OF THIS BID
IN ENCLOSED ENVELOPE

State delivery time within ___ days of receipt of P.O.

Firm Name _____

Typed Signature _____

By _____

We will allow a discount ___% 20 days from date of receipt of goods
and correct invoice of completed order.

1. All quotations must be signed with the firm name and by an authorized officer or employee.
2. Verify your bid before submission as it cannot be withdrawn or corrected after being opened. In case of error in extension of prices, the unit price will govern.
3. If you do not bid, return this sheet and state reason. Otherwise, your name may be removed from our mailing list.
4. The right is reserved to reject any, or all quotations, or any portions thereof, and to waive technicalities if deemed to be in the interest of the City of Mobile.
5. This bid shall not be reassignable except by written approval of the Purchasing Agent of the City of Mobile.
6. State brand and model number of each item. All items bid must be new and latest model unless otherwise specified.
7. If bid results are desired, enclose a self-addressed and stamped envelope with your bid. (All or None bids only)
8. Do not include Federal Excise Tax as exemption certificate will be issued in lieu of same. The City is exempt from the Alabama and City sales taxes.
9. PRICES ARE TO BE FIRM AND F.O.B. DESTINATION UNLESS OTHERWISE REQUESTED.
10. BID WILL BE AWARDED ON ALL OR NONE BASIS UNLESS OTHERWISE STATED.
11. Bids received after specified time will be returned un-opened.
12. Failure to observe stated instructions and conditions will constitute grounds for rejection of your bid.
13. Furnish literature, specifications, drawings, photographs, etc., as applicable with the items bid.
14. Vendor May be required to obtain City of Mobile Business License as applicable to City of Mobile Municipal Code Section 34-50. For Business License inquiry contact the Revenue Department at (251) 208-7461 or cityofmobile.org/taxes.php.
15. **If a bid bond is required in the published specifications, see below:**
Each Bid Shall be Accompanied By A Cashier's Check, Certified Check, Bank Draft Or Bid Bond For the Sum Of Five (5) Percent Of The Amount Bid, Made Payable To The City Of Mobile And Certified By A Reputable Banking Institution. All Checks Shall Be Returned Promptly, Except The Check Of The Successful Bidder, Which Shall Be Returned After Fulfilling The Bid.
16. Contracts in excess of \$50,000 require that the successful bidder **make** every possible effort to have at least fifteen (15) percent of the total value of the contract performed by socially **and** economically disadvantaged individuals.
17. All bids/bid envelopes must have the bid number noted on the front. Bids that arrive unmarked and are opened in error shall be returned to vendor as an unacceptable bid.
18. If successful vendor's principal place of business is out-of-state, vendor may be required to have a Certificate of Authority to do business in the State of Alabama from the Alabama Secretary of State prior to issuance of a Purchase Order. Vendors **are solely responsible for consulting with the Secretary of State** to determine whether a Certificate is required. See www.sos.alabama.gov/BusinessServices/ForeignCorps.aspx. Please note that the time between application for and issuance of a Certificate of Authority may be several weeks.
19. Vendors do not need a City of Mobile Business License or Certificate of Authority from the Alabama Secretary of State to submit a bid, but will need to obtain the Business License and Certificate of Authority, if applicable, prior to issuance of a Purchase Order.

BID CONTINUATION SHEET

QUANTITY	ARTICLES	UNIT	UNIT PRICE		EXTENSION	
			Dollars	Cents	Dollars	Cents
	Page 2 of 2					
	<p>All Vendors will be required to provide verification of enrollment in the E-Verify program. Additional information may be found at http://immigration.alabama.gov/</p> <p>If the successful Vendor's principal place of business is out-of-state, Vendor may be required to have a Certificate of Authority to do business in the State of Alabama from the Secretary of State prior to issuance of a Purchase Order.</p> <p>Vendors are solely responsible for consulting with the Secretary of State to determine whether a Certificate is required.</p> <p>See: www.sos.alabama.gov/BusinessServices/ForeignCorps.aspx. Please note that the time between application for the issuance of a Certificate of Authority may be several weeks.</p> <p>Upon notification, Vendor will have 10 business days to provide the Certificate of Authority and the E-Verify numbers to the Purchasing Department before award can be completed. (Vendors will possibly need to pay the expedite fee to meet this requirement because application is not sufficient. We must have a copy of the certificate with your Company ID number).</p> <p>Vendors do not need a City of Mobile Business License or Certificate of Authority from the Alabama Secretary of State, nor the E-Verify for certification to submit a bid, but will need to obtain the Business License and Certificate of Authority verification and/or provide the E-Verify Certification, if applicable, prior to issuance of a Purchase Order.</p> <p>State of Alabama Local Vendor Preference Law 41-16-50 (a) and (d) will apply to this purchase.</p> <p>If you have any questions, please feel free to contact the Purchasing Department at 251-208-7434 or purchasing@cityofmobile.org.</p> <p>Questions involving the bid specifications will Not be answered within 48 hours of the bid opening. You need to ask your questions early on, as soon as possible.</p> <p>Pricing to be firm for four (4) month period following the award of the bid. At option of City of Mobile and successful vendor, award may be extended for an additional 4-month period.</p> <p>TO BE AWARDED ALL OR NONE.</p>					
			TOTAL			

RETURN ONE SIGNED COPY OF THIS QUOTATION IN ENCLOSED ENVELOPE

READ ABOVE INSTRUCTIONS BEFORE QUOTING

Firm Name _____
 By _____

We will allow a discount _____% 20 days from date of receipt of goods and correct invoice of completed order.

Rear Loading Refuse Collection Truck Body

SCOPE: It is the intent of this specification to describe a hydraulically actuated packer body of the rear loading type with the following minimum 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.

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

	YES	NO	OFFERED
A. CAPACITY			
1. The body shall have a minimum capacity excluding hopper of:			
20 Cubic Yards	_____	_____	_____
2. The body shall have an average compaction rate of 850 to 950 pounds per cubic yard	_____	_____	_____
B. BODY DIMENSIONS			
1. Maximum overall width not to exceed 96".	_____	_____	_____
2. Maximum overall length and height (<i>with tailgate in locked position</i>) above the chassis frame not to exceed:			
Capacity Length Height CA (cab to axle)			
f. 20 Cu./Yd. 244.5" 83" 138"	_____	_____	_____

(Continued)

YES NO OFFERED

3. Body weight (exclusive of options) shall not exceed:

Capacity

Weight

e. 20 Cu./Yd.

11,277 pounds

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 3 1/2" x 12" 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 12" x 16" triangular gussets and all seams continuously welded for maximum strength.

5. The body floor shall incorporate a trough design for excess liquid containment.

6. The body upper floor sides shall be 1/4" 50,000 PSI steel.

7. The body floor center shall be 1/4" plate high tensile steel.

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 the PTO when door is open.

(Continued)

YES NO OFFERED

D. TAILGATE DIMENSIONS

- 1. Hopper opening width shall not be less than 74".
- 2. Hopper capacity of 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 not exceed 27- 30 seconds.

_____	_____	_____
_____	_____	_____
_____	_____	_____

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 1 3/4" x 4" bracing constructed of 7 gauge formed steel and fully welded in a horizontal position for maximum support.
- 3. The slide panel guide track shall be constructed of 1/2" x 2 1/2" AR400 steel reinforced by formed 1/4" high tensile steel. (*Free floating design is not acceptable*).
- 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. (4" bore cylinder)
- 6. The tailgate perimeter edge shall be reinforced by 2" x 2" structural tube steel.
- 7. Tailgate shall be equipped with a chemically inert seal to provide a watertight seal. (23" high)

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

(Continued)

	YES	NO	OFFERED
8. Hopper floor shall remain stationary during the packing cycle and shall be equipped with a 1 1/2" drain plug.	_____	_____	_____
9. Hopper floor and back shall be a minimum of 3/8" high tensile, 50,000 PSI Steel. The hopper shall incorporate material fall back extensions.	_____	_____	_____
10. The hopper load sill shall be constructed from a 3/8" plate and be even with the chassis frame height	_____	_____	_____
11. Self cleaning grip bolt on strut steps and grab handles shall be required on both sides of the tailgate.	_____	_____	_____
12. Auto locking tailgate (No turn buckles).	_____	_____	_____

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.	_____	_____	_____
3. The sweep panel shall be powered by two 5" x 16" double acting cylinders equipped with bronze bushings.	_____	_____	_____
4. The slide panel face plate shall be constructed of 1/4" high strength sheet steel.	_____	_____	_____
5. The slide panel shall be powered by two (4 1/2" bore x 43" stroke) double Acting cylinders.	_____	_____	_____
6. The linear slide movement of the panel shall be accomplished on two 4 1/2" x 2 1/4" x 24" 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.	_____	_____	_____
8. Both ends of the pivot shaft shall be equipped with bronze bushings.	_____	_____	_____

(Continued)

YES NO OFFERED

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 3" x 3" and 4" x 4" structural tube. _____
- 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
20 Cu./Yd.	4 Stage	6.5"

- 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 Backpack Valve shall be required to automatically advance the ejector panel when packing against it. _____

(Continued)

	YES	NO	OFFERED
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 hot-shift power takeoff/pump combination shall be used to power the hydraulic system and shall be capable of operate in gear at idle with overspeed safety shutdown.	_____	_____	_____
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 2000 PSI.	_____	_____	_____
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 40 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			
1. All body wiring shall be color coded in factory harness with sealed connectors.	_____	_____	_____

(Continued)

	YES	NO	OFFERED
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, with a 7-inch color monitor.	_____	_____	_____
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 to both the outside and <u>inside</u> of the refuse body.	_____	_____	_____
2. DuPont Imron 5000, white paint shall be applied.	_____	_____	_____
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.	_____	_____	_____

(Continued)

YES NO OFFERED

- 2. Safety Shut Down switch to be provided on the left and right sides of the tailgate. _____
- 3. Driver alert switch to be provided on the left and right sides of the tailgate. _____
- 4. 10 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, two years for hydraulic cylinders and five years on hydraulic system components. _____

O. ADDITIONAL INCLUDED EQUIPMENT

- 1. **Strobe Safety Lighting** – Alternating, integrated LED strobe lights shall be mounted on the corners of the front bulkhead and the upper/lower corners of the tailgate. The light shall be activated by a switch located inside the cab of the chassis. _____
- 2. **Other Lighting** – LED hopper work lights and mid-body back up lights shall be provided. _____
- 3. **Auxiliary Air Controls** – In cab, air controls shall be provided that unlock, raise and close the tailgate, as well as extend and retract the material ejection panel. _____
- 4. **Lubrication Points** – For personnel safety, ground level remote grease point zerks shall be provided to lubricate both the upper tailgate hinge pins and upper tailgate hydraulic cylinder pins. _____
- 5. **Rotary Actuated Cart Tippers** – Two (2) Barker Rotary Style cart tippers shall be provided. Cart tippers shall be operated by tailgate side mounted control handles that are directly attached to the hydraulic valves by way of a linkage rod. Hydraulic tubing shall be used to supply fluid from the hydraulic valve to the cart tipper. _____
- 6. **Body Wear Item Kit** – Successful vendor shall supply two (2) complete sets of upper and lower tailgate panel slides, two (2) sets of ejector panel shoes, two (2) tailgate seals with the installation labor included by the vendor. _____

(Continued)

YES NO OFFERED

O. Minimum Chassis Requirements

1. Chassis shall have a minimum of 33,000 lbs. GVWR.
10,000 lb. Front Axle, 23,000 lb. Rear Axle.
2. Minimum 8.9 Liter Diesel powered engine with a
minimum of 300 horsepower and 860 lb.-ft torque.
3. Allison 3000RDS transmission.
4. Engine equipment to include a minimum of 160 AMP
alternator, (2) 2000 CCA batteries, battery disconnect
switch, 18.7 CFM air compressor, 6-gallon DEF tank,
900 square inch radiator and 80-gallon fuel tank.
5. Front axle equipment shall be a minimum of 10,000 lb.
front axle with a 12,000 lb. suspension with 16.5"x 5" brakes.
6. Rear axle equipment shall be a minimum of 23,000 lb.
rear axle with 30,000 lb. rear suspension, 16.5"x 7" brakes.
Rear axle ratio of 5.63, driver controlled differential lock.
7. Cab exterior to include single air horn, dual west coast
mirrors with 8-inch convex spot mirrors and LH/RH grab
handles.
8. Cab interior to include LH/RH power windows and door
locks, air ride drivers' seat, two-man passenger seat with
under seat storage area, tilt/telescopic steering wheel,
AM/FM/WB radio.

YES	NO	OFFERED
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

(End)



PROCUREMENT DEPARTMENT

Potential bidders are responsible to check this site for any **ADDENDUMS** that are issued. It is the responsibility of the **BIDDER** to check for, download, and include with their **BID RESPONSE** any and all **ADDENDUMS** that are issued for a specific **BID** published by the City of Mobile. Failure to download and include **ADDENDUMS** in your **BID RESPONSE** may cause your bid to be rejected.

This is a sealed bid. Any responses faxed or e-mailed will be rejected.

This is a sealed bid. Any response must be submitted in a sealed envelope with the bid number and bid opening date on the outside of the envelope.

Any response that arrives improperly marked or with no bid number and opening date on the outside of the delivery or express package and opened in error will be rejected and not considered.

It is the responsibility of the bidder to ensure that their bid response is delivered to and received in the Purchasing Department before the date and time of the bid opening.

**Be sure to read the Terms and Conditions.
All bids are F.O.B. destination unless otherwise stated.**

Be sure to sign your bid!

**Package/Bid Delivery Address:
Purchasing Department
205 Government St. Room S408
Mobile, AL 36644**

(Request First Delivery)