



**Glasgow DPW**  
**Purchase of (1) Commercial Truck Chassis with**  
**Side Loading Refuse Body and Packer**

**To: All Interested Bidders**

**Subject: Commercial Truck Chassis with Side Loading Refuse Body and Packer**

**Attached are specifications for a Commercial Truck Chassis with Side Loading Refuse Body and Packer:**

**The City of Glasgow - DPW is requesting bids for (1) Commercial Truck Chassis with Side Loading Refuse Body and Packer. Sealed bids will be received at Glasgow City Hall, Office of the Mayor, 126 East Public Square, Glasgow, KY 42141, for the purpose of evaluating costs and operating parameters on one new Commercial Truck Chassis with Side Loading Refuse Body and Packer. **Bid opening is 3:00 p.m. local time, Thursday, March 7, 2024.** Bids will be officially/publicly opened and read on the above-stated date and time. Local time prevailing. Late bids will not be accepted. No extension of the bidding period will be made. The City reserves the right to award a bid on the basis of best value.**

**The City reserves the right to cancel this request in writing or postpone the date and time for submitting proposals at any time prior to the proposal due date. The City by this request does not promise to accept the lowest cost or any other proposal and specifically reserves the right to reject any or all proposals, to waive any formal proposal requirements, to investigate the qualifications and experience of any proposer, to reject any provisions in any proposal, to modify contents, to obtain new proposals, and contract terms with any bidder.**

**The City reserves the right to accept or reject any and all bids that are in the best interest of the City. All questions and inquiries shall be addressed to Glasgow Department of Public Works Superintendent, Jim McGowan at 270-651-5977. Be sure to return all required forms with the original bid package.**

**Bidder:** \_\_\_\_\_

**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_



**Invitation To Bid  
Commercial Truck Chassis with Side Loading Refuse Body and Packer**

**Opening Date and Time:  
Thursday, March 7, 2024, @ 3:00 P.M.  
Glasgow City Hall  
Office of the Mayor  
126 East Public Square  
Glasgow, KY 42141**

Bids will be officially/publicly opened and read on the above-stated date and time. Local time prevailing. Late bids will not be accepted. No extension of the bidding period will be made. The City reserves the right to award a bid on the basis of best value.

Purchase requested by Glasgow Department of Public Works:  
Commercial Truck Chassis with Side Loading Refuse Body and Packer:

Item Supplies/Services:	Unit	Quantity	Unit Cost	Total Cost
	<u>1</u>	_____	\$ _____	\$ _____

**Delivery Date:**

The bidder must state the number of days for delivery from the time of order. A \$150.00 per day thereafter will be assessed against the purchase price with the total not to exceed 2.5% of the purchase price. Pursuant to 45A.080 (2) If the delivery is late, the bidder shall be given the opportunity to present evidence that the cause of the delay was beyond his control. If the cause is sufficient justification for delayed delivery, the City may adjust or waive any penalty that is provided for in bidding documents.

Warranty information for equipment must be provided with the bid.

The City of Glasgow – Department of Public Works reserves the right to reject any and all bids. Bids must be good for 120 days.

In compliance with the above, the undersigned offers and agrees, if this bid is accepted within one hundred and (120) calendar days from the date of opening, to furnish any and all of the items upon which prices are quoted, at the price set opposite each item, delivered at the designated point(s) within the time specified in the schedule. Items on bid are exempt from federal excise tax and Kentucky sales and use tax. The title shall pass to the City upon actual receipt and acceptance of the items. In the event there is a discrepancy between the unit price and the extended price, the unit price shall govern.



**Invitation To Bid/Purchase  
Commercial Truck Chassis with Side Loading Refuse Body and Packer**

**This specification covers a Commercial Truck Chassis with Side Loading Refuse Body and Packer. The Commercial Truck Chassis with Side Loading Refuse Body and Packer shall be equipped with any additional items listed below; all items that are considered standard but are not specifically mentioned in these specifications are to be included. Commercial Truck Chassis with Side Loading Refuse Body and Packer, including all necessary equipment shall be furnished, delivered complete, and turn-key ready for use. Commercial Truck Chassis with Side Loading Refuse Body and Packer shall be comparable with the following basic requirements unless otherwise noted. Bidders shall indicate exactly what they are offering in the following blanks under “BIDDER’S RESPONSE.” The successful bidder will be responsible for delivering the Commercial Truck Chassis with Side Loading Refuse Body and Packer to the City of Glasgow-Department of Public Works, 310 West Front Street, Glasgow, KY 42141 with all equipment installed.**

**MAKE: \_\_\_\_\_ MODEL: \_\_\_\_\_**

## Commercial Truck Chassis with Side Loading Refuse Body and Packer

**SCOPE:** The intent of these specifications is to describe a **Commercial Truck Chassis with Side Loading Refuse Body and Packer**

**GENERAL:** Bidder must meet the minimum standards established by this specification sheet. The bidder must accurately complete this form and include this completed form with the bid. Bidder shall check **“YES”** where specifications are met. If the specifications are not met, the bidder must check **“NO”** and list all deviations on a separate sheet. Failure to note any deviations shall cause bid rejection.

### BIDDER’S RESPONSE:

(1) SPECIFICATIONS AVAILABLE:	YES	NO
<b>1. BODY CAPACITY:</b>		
The body shall have a rounded design with a maximum capacity (excluding the hopper) of 27 cubic yards.		
Hopper Capacity 6.5 cubic yards		
Tailgate capacity 0 cubic yards		

2. BODY DIMENSIONS:	YES	NO
Overall body length, including hopper and tailgate not to exceed 284 inches.		
Overall body height above frame not to exceed 103 inches.		
Outside body width is not to exceed 102 inches.		

3. BODY FLOOR CONSTRUCTION:	YES	NO
Body floor AR 450 abrasion resistant steel.		
Body floor thickness 0.157 inch.		
Body floor yield strength 175,000 psi.		
Lower body side walls thickness 10 ga.		
Lower body side walls yield strength 80,000 psi.		
Upper body sidewall		

4. BODY WALL CONSTRUCTION	YES	NO
Body windows (2) 5 x 4 inch minimum.		
Lower body side wall ASTM A1011 HSLAS-F Grade 80.		
Lower body side walls thickness 10 ga minimum.		
Lower body side walls yield strength 80,000 psi minimum.		
Upper body side walls steel grade ASTM A1011 HSLAS-F Grade 80.		
Upper body side walls thickness 12 ga minimum.		
Upper body side walls yield strength 80,000 psi minimum.		

5. BODY ROOF CONSTRUCTION	YES	NO
Roof steel grade ASTM A1011 HSLAS-F Grade 80.		
Roof thickness 12 ga minimum.		
Roof yield Strength 80,000 psi.		

<b>6. BODY HOPPER CONSTRUCTION</b>	<b>YES</b>	<b>NO</b>
Hopper floor material AR 450 abrasion resistant steel.		
Hopper Floor Material Thickness 0.25 inches.		
Hopper floor yield strength 175,000 psi minimum.		

<b>7. BODY REAR TAILGATE</b>	<b>YES</b>	<b>NO</b>
Rear tailgate operated by 2 hydraulic cylinders with locks and constant pressure.		
Cab mounted audible alarm for tailgate position.		
Tailgate steel grade ASTM A1011 HSLAS-F Grade 80.		
Tailgate skin thickness 12 ga.		
Tailgate yield strength 80,000 psi		
Tailgate seal minimum 35 inch height.		
Tailgate top, bottom & side material A-500 Grade C.		

<b>8. BODY PACKER</b>	<b>YES</b>	<b>NO</b>
Packer operated by 2 single stage, double acting cylinders.		
Packer rail guide material AR 500 type abrasion resistant steel.		
Packer rear wear plate thickness 0.25".		
Packer rear wear plate yield strength 190,000 psi.		
Packer under side and topside wear shoe material AR 450 type abrasion resistant steel.		
Packer underside and topside wear plate yield strength 1750,000 psi.		
Packer force on garbage 66,750 lbs.		
Maximum compaction of refuse 850 lbs./cu.yd.		
Packing ram stroke 52 inch minimum.		
Packer rm cycle without regeneration 12 seconds @ 1200 rpm.		
Follower panels material AR 200 type abrasion resistant.		
Follower panel thickness 3/16 inch.		
Follower panel yield strength 70,000 psi.		

<b>9. BODY HYDRAULIC SYSTEM</b>	<b>YES</b>	<b>NO</b>
Body functions pump flow 20 gpm @ 700 rpm.		
Arm function pump flow 16 gpm @ 700 rpm.		
Hydraulic system relief valve for the body 3000 psi.		
Hydraulic system relief valve for the arm 2000 psi.		
Hydraulic tank capacity 94 gal.		
Hydraulic tank pressurized at 5 psi.		
Return line filter capacity 150 gpm.		

<b>10. BODY CART LIFTING MECHANISM</b>	<b>YES</b>	<b>NO</b>
Right hand - 32 to 95 gallon capacity.		
Arm and valve attached underbody.		
Extension cylinders adjustable cushioning on extension.		
Arm and Grabber powder coated safety yellow.		

<b>9. BODY HYDRAULIC SYSTEM (CONT.)</b>	<b>YES</b>	<b>NO</b>
Arm C-rail extension steel 44W.		
Arm C-rail extension yield strength 44,000 psi.		
Arm I-rail extension steel A572 GR 50.		
Arm I-rail extension yield strength 50,000 psi.		
Arm lift frame steel A500 grade C.		
Arm lift yield strength 50,000 psi.		
Extension rails with slide bearings.		
Extension rails and grabbing cylinder diameter 1.5 inch minimum.		
Extension rails and grabbing cylinder rod diameter 1 inch minimum.		
Lifting cylinder diameter 3.0 inch minimum.		
Lifting cylinder rod diameter 1.75 inch minimum.		
Lifting device minimum bin size 32 gal.		
Lifting device maximum bin size 95 gal.		
Lifting capacity at maximum and minimum reach 1000 lb.		
Maximum horizontal reach to center of cart 144 inches.		
Dump cycle of arm at minimum reach 10 seconds.		
Dump cycle of arm at maximum reach 20 seconds.		
Arm weight 2,300 or greater.		
Electro-Proportional extension and lifting arm valves.		
Electric on / off grabber valve.		
Electric joystick controlled arm.		

<b>11. BODY LIFTING MECHANISM</b>	<b>YES</b>	<b>NO</b>
Body cylinder lifting capacity 49,000 lb.		
Body cylinder bore diameter 6-1/16 inches minimum.		
Body dump angle 45 degrees.		
Body lifting cycle time 65 seconds @ 700 rpm minimum.		

<b>12. BODY ELECTRICAL / PNEUMATIC SYTEMS</b>	<b>YES</b>	<b>NO</b>
Stop, directional, tail and clearance lights recessed mounted LED type.		
Rear lights integrated into to tailgate structure.		
Back-up alarms - dual tone.		
Limit switches, industrial type, water tight with adjustable arm.		
All circuits are protected with resettable circuit breakers and wiring is color coded and numbered.		
Wiring conforms to SAE J1128.		
Electric / Pneumatic valves are installed in a watertight box.		
Tailgate, Body Lift, Pump and Packer controls switches all electric.		
Arm joystick control switch is electro-proportional.		

<b>13. BODY PAINTING</b>	<b>YES</b>	<b>NO</b>
Two coats polyurethane paint. One primer and one baked finish coat.		

<b>14. BODY LUBRICATION</b>	<b>YES</b>	<b>NO</b>
All body hinges, cylinder rod ends, cylinder base, trunnion and pivot points supplied with grease fittings.		

<b>15. BODY MANUALS / WARRANTY</b>	<b>YES</b>	<b>NO</b>
Parts, service and operator's manual supplied for the refuse packer.		
Body manufacturer certified ISO 9001.		
Length of warranty on defective parts, hydraulic hoses and cylinders and automated arm not less than 1 year.		

<b>16. CHASSIS CAB</b>	<b>YES</b>	<b>NO</b>
Cab shell dual drive left hand and right hand operated.		
Gross vehicle weight rating 66,000 lb.		
Wheelbase 220 inches.		
Frame rear overhang 80 inches.		
100 gallon aluminum fuel tank.		
3 Batteries 2,250 CCA.		
Cab tilt mechanism hydraulic tilt.		

<b>17. CHASSIS ENGINE</b>	<b>YES</b>	<b>NO</b>
Engine L9, 360 HP Cummins or approved equal.		
Certification emissions complies with 2022 U.S. Emissions.		
Fuel type , ultra low sulfur diesel fuel.		
Engine electronics cummins 500k communication or approved equal.		
Fan and drive engine 2-speed fan.		
Engine oil sampling port.		
Engine Block heater 120 V 1000 Watt.		
PTO set switch 1200 rpm.		
Max vehicle speed in PTO mode 6 mph.		
PTO resume Switch 1000 RPM.		
Vehicle governed speed 65 mph.		

<b>18. CHASSIS TRANSMISSION</b>	<b>YES</b>	<b>NO</b>
Allison 4500 series 6-speed automatic or approved equal.		
Transmission cooler oil to water type.		
Transmission fill / check dipstick with threaded oil sample port.		
Driveshaft main Spicer 1760HD half round or approved equal.		

<b>19. CHASSIS AXLES</b>	<b>YES</b>	<b>NO</b>
Front axle Hendrickson 20,000 lb capacity or approved equal.		
Front axle position 52.5 inches.		
Front axle suspension Hendrickson 20,000 spring clamp group or approved equal.		
Front axle brakes 16.5 x 7 inch.		
Rear axles Meritor 46,000 lb capacity or approved equal.		
Rear Dive axle anti-spin for wheel lock.		
Rear suspension Hendrixson HMX-460 @ 54 As or approved equal.		
Rear axle brakes Meritor 16.5 x 8.62 inch or approved equal.		
Brake control system Meritor Wabco ABS 4S/4M w/PLC or approved equal.		

<b>20. CHASSIS CAB INTERIOR</b>	<b>YES</b>	<b>NO</b>
Steering wheel 16 inch.		
Steering column fixed position.		
Driver seat air ride.		
Interior floor covering diamond plate.		
Air conditioner integral with heater and defroster.		
Air conditioner condenser standard radiator mounted.		

<b>21. CHASSIS GAUGES and INSTRUMENTATION</b>	<b>YES</b>	<b>NO</b>
Advance diagnostics display.		
Electronic tachometer.		
Hour meter included in onboard display.		
Air intake restriction indicator air cleaner mounted.		
Electronic fuel level.		
Vehicle monitoring system for engine diagnostics.		

<b>22. CHASSIS TIRES / WHEELS</b>	<b>YES</b>	<b>NO</b>
Front and Rear Tires Bridgestone M870 315/80R22.5L or approved equal.		
Wheels Front 22.5 x 9" Aluminum 3.12" inset.		
Wheels Rear 22.5 x 9" Aluminum 6.2" inset.		

<b>23. CHASSIS PAINT</b>	<b>YES</b>	<b>NO</b>
Cab single color paint Standard White.		
Chassis color Black.		

<b>24. WARRANTY</b>	<b>YES</b>	<b>NO</b>
Body Warranty "Include with bid packet".		
Chassis Warranty "Include with bid packet".		
Engine Warranty "Include with bid packet".		
Extended warranties available. "include with bid packet".		

<b>25. DELIVERY</b>	<b>YES</b>	<b>NO</b>
1. The bidder must perform a complete pre-delivery service prior to the delivery of equipment.		
2. The bidder must state the number of days for delivery from the time of order.		

<b>26. MANUALS</b>	<b>YES</b>	<b>NO</b>
1. One (1) complete service manual, digital or printed.		
2. One (1) complete parts manual, digital or printed		
3. One (1) operator's manual.		
4. One (1) training video (if available).		



<b>27. TRAINING</b>	<b>YES</b>	<b>NO</b>
Upon delivery, instructions will be provided to operators on proper operation and maintenance.		

