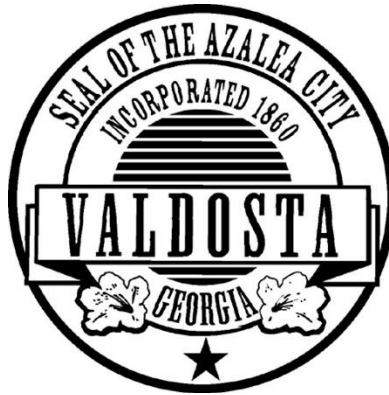


# INVITATION TO BID



## PURCHASING DEPARTMENT

P. O. BOX 1125

216 E. CENTRAL AVENUE

THIRD FLOOR

VALDOSTA, GEORGIA 31606

BID # 05-23-24

**FOR:** One Front End Loader (Dumpster) Refuse Collection Truck

**OPENING DATE:** September 12, 2023

**TIME:** 11:15 AM EST

**TEFFANY EDWARDS  
PURCHASING AGENT**

(229) 259-3525 • Fax (229) 259-5460

# NOTICE TO DEALERS/VENDORS

1. Any prices bid by dealer/vendor on any items offered to the City of Valdosta shall be the price effective at the date of delivery.
2. No delivery date of "ASAP" (As Soon As Possible) shall be considered acceptable on items that have a maximum delivery date listed in the specifications.
3. The City of Valdosta reserves the right to accept alternate bids on any or all items where maximum delivery date, as listed in the specifications is not met by dealer/vendor.
4. Signature below of authorized agent for dealer/vendor shall constitute recognition and acceptance of all conditions of the sale as listed above.
5. All shipping is to be FOB Valdosta, GA 31601 and included in total price unless otherwise stated in the bid document.

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Dealer/Vendor

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Authorized Agent

## **GENERAL SPECIFICATIONS**

It is the intent of these specifications to furnish the City of Valdosta with the following requisitioned equipment, according to the attached. It is clearly understood that the following are minimum specifications and are made in order to show the exact quality through specifications of the equipment proposed.

The City of Valdosta reserves the right to accept any or all bids or to choose the bid considered to be in their best interest.

The final decision of purchase will be made upon the award of the City of Valdosta Mayor and Council if the item or items total are greater than \$25,000.

**NO BID WILL BE CONSIDERED IF RECEIVED AFTER THE DATE AND TIME SPECIFIED.**

**Be sure to put the Bid Number on the outside of your return envelope.**

Please be aware that private and public mail carriers are not always reliable on next day delivery in our area. Please assure your response is sent in plenty of time to reach us. As you know, late responses are not acceptable. If you utilize the US Postal Service and mail your response to the post office box, or hand deliver to the physical address but include "Purchasing, 2<sup>nd</sup> Floor" in your delivery address and be aware that although you pay overnight fees, overnight delivery is not always successful although you are told the delivery time will be met.

Please visit [www.valdostacity.com](http://www.valdostacity.com) for current or future bid opportunities.

## **INSTRUCTIONS TO BIDDERS**

1. Proposals must be made upon the form of the proposal attached hereto. They must be enclosed in a sealed plain envelope, with the bid number written on the outside and endorsed with the title of the proposal, and must be filed with the Purchasing Agent of the City of Valdosta, located at 216 E. Central Ave 2<sup>nd</sup> floor. In the event you choose to mail your proposal, it should be mailed to Teffany Edwards, Purchasing Agent., P.O. Box 1125, Valdosta, Ga. 31603.
2. No bidder will be allowed to withdraw his proposal for any reason whatsoever after the bids have been opened.
3. The specifications represent the minimum general size, weight, capacity and performance characteristics desired in the equipment to be purchased. These requirements are not intended to prevent obtaining fair prices or to eliminate competition, but to insure, if possible, that all bids submitted shall not be subject to correction or alteration after the bid has been filed, opened, and publicly read. In view of an unusual wide disparity in details of design and manufacture, complete descriptive literature and manufacturer's specifications must be submitted on each type of equipment offered. The City of Valdosta reserves the right to evaluate any or all bids, particularly where there is a range in specifications. Special consideration will be given to the ready availability of repair parts and service.
4. Federal or State taxes are not applicable to Georgia Municipalities under the United States Code Title 26 and Georgia Exemption Certificate Number 3-465-686-300-1.
5. It is expressly understood by the bidder that written notice of the award or purchase order by the City of Valdosta will constitute an agreement and consummate the transaction and will serve together with the proposal, the advertisement, these instructions and the detailed specifications, as the entire form of contract between the parties.
6. The bidder agrees that the City of Valdosta reserves the right to reject any or all proposals, or to accept the part of the bid considered to be in the best interest of the City.
7. Specifications referred are minimum, therefore unless otherwise indicated by the bidder, the City will assume proposals meet or exceed all specifications.
8. The names of a certain brand, make or definite specifications are to demote quality standard of the article desired, but do not restrict bidders to be specific brand, make or manufacturer named; it is to set forth and convey to prospective bidders the general style, type, character and quality of the article desired.
9. The award of the contract will be made to the lowest responsible bidder taking into consideration quality performance and the time specified in the proposals for the performance of the contract. The City of Valdosta reserves the right to reject all bids as appears in its own best interest and to waive technicalities. In cases of a tie, the bid in the best interest of the City will be awarded.

## NON-COLLUSION AFFIDAVIT

The following affidavit is to accompany the RFQ:

STATE OF \_\_\_\_\_

COUNTY OF \_\_\_\_\_

\_\_\_\_\_  
Owner, Partner or Officer of Firm

\_\_\_\_\_  
Company Name, Address, City and State

Being of lawful age, being first duly sworn, on oath says that he/she is the agent authorized by the bidder to submit the attached bid. Affiant further states as bidder, that they have not been a party to any collusion among bidders in restraint of competition by agreement to bid at a fixed price or to refrain from bidding. Affiant also states as bidder, that they have not been a party to any collusion with any officer of the City of Valdosta or any of their employees as to quantity, quality or price in the prospective contract; and that discussions have not taken place between bidders and any office of the City of Valdosta or any of their employees concerning exchange of money or other things of value for special consideration in submitting a sealed bid for:

\_\_\_\_\_  
Firm Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Title

Subscribed and sworn to before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Notary Public



## GEORGIA SECURITY AND IMMIGRATION COMPLIANCE ACT AFFIDAVIT

Contract No. and Name: \_\_\_\_\_

Contractor's Name: \_\_\_\_\_

### City of Valdosta Georgia Contractor Affidavit

By executing this affidavit, the undersigned Contractor verifies its compliance with O.C.G.A. §13-10-91, stating affirmatively that the individual, firm, or corporation which is contracting with the City of Valdosta, Georgia has registered with and is participating in a federal work authorization program\*, in accordance with the applicability provisions and deadlines established in O.C.G.A. 13-10-91.

The undersigned further agrees that, should it employ or contract with any subcontractor(s) in connection with the physical performance of services pursuant to this contract with the City of Valdosta, Georgia, the Contractor will secure from subcontractor(s) similar verification of compliance with O.C.G.A. § 13-10-91 on the Subcontractor Affidavit provided in Rule 300-10-01-.08 or a substantially similar form. Contractor further agrees to maintain records of such compliance and provide a copy of each such verification to the City of Valdosta Georgia at the time the subcontractor(s) is retained to perform such service.

\_\_\_\_\_  
EEV / E-Verify TM User Identification Number

\_\_\_\_\_  
Date of Authorization

\_\_\_\_\_  
BY: Authorized Officer or Agent  
(Contractor Name)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Title of Authorized Officer or Agent of Contractor

\_\_\_\_\_  
Printed Name of Authorized Officer or Agent

**SUBSCRIBED AND SWORN**

**BEFORE ME ON THIS THE**

\_\_\_\_ DAY OF \_\_\_\_\_, 202\_\_

[NOTARY SEAL]

\_\_\_\_\_  
Notary Public

My Commission Expires: \_\_\_\_\_

\*Any of the electronic verification of work authorization programs operated by the United States Department of Homeland Security or any equivalent federal work authorization program operated by the United States Department of Homeland Security to verify information of newly hired employees, pursuant to the Immigration Reform and Contract Act of 1986 (IRCA), P. L. 99-603

## **SPECIFICATIONS**

It is the intent of these specifications to furnish the City of Valdosta with **One, 2023 or newer brand new current model Front End Loader (eject) Refuse Collection Truck with Body**. These are minimum specifications and all deviations on the Chassis should be listed on company letter head referring to the individual section and specification. Please submit literature on the model and brand you are bidding so the specifications may be verified.

These specifications describe a heavy duty chassis which will have a truck-mounted, hydraulically actuated packer body of the front loading type (dumpster truck). The truck, loader, and dump body are to be used in the collection and loading of refuse from dumpsters that will then be delivered to a landfill which will then dispense the load by means of hydraulic ejection. The body shall not be required to be titled, lifted, or otherwise displaced from the chassis in order to eject the load. The truck, loader and body shall conform to applicable Georgia and federal regulations binding this type of equipment. Any exceptions must be explained in writing. All proposals include delivery, training of operators and service personnel figured into price.

**THE FOLLOWING ARE MINIMUM SPECIFICATIONS THAT SHALL BE REQUIRED AT A MINIMUM.** Specification similar to Peterbilt Model 520 used for commercial dumpster route that will dump in landfill.

### **GVWR:**

Minimum 66,000, factory certified.

### **WHEELBASE**

Minimum length needed to accommodate City of Valdosta specifications while ensuring safe operation of the front loader and refuse body.

### **PAINT**

Cab to be painted white to match existing fleet with clear coat with frame and bumper black.

### **FRAME AND EQUIPMENT**

10 3/4" steel rails 306-342", 10.75 x 3.5 x .375 dimension, 2,136,000 RBM, yield strength: 120,000 psi, Section modulus: 17.8 cubic inches, Weight: 1.74 lbs./inch pair, full steel inner liner, FEPTO provision 9" bumper extension which includes 1350 series front drive PTO attachment provision, radiator with PTO cut-out in grille, radiator protection sleeve, and bumper extension. EOF square with XMBR

for use with body builder installed cross member, Holland (2) TH-10050 tow hooks EOF. OMIT rear mud flaps and hangers.

### **FRONT AXLE AND EQUIPMENT 20,000 lbs., 3.5" drop**

Dana Spicer D2000F 20,000 lbs., 3.5" drop, Factory front axle alignment to improve handling and reduce tire wear. Zerk fittings on the tie rod ends, king pins and draglink ball joints, tapered leaf springs, shocks 23,000 lbs. standard with heavy resistance shocks, power steering Sheppard SD100 Dual for use with 22,000 lb. axle ratings, PHP10 iron preset plus hubs, bendix air cam front drum brakes 16.5 x 7 for use with 22,000 lbs. steer axles with automatic slack adjusters and outboard mounted brake drums.

### **REAR AXLE AND EQUIPMENT**

Dana Spicer D46-170 46,000 lbs. inter-axle diff lock air rocker occupies space of one gauge, Laser factory axle alignment to improve handling and reduce tire wear. Magnetic rear axle oil drain plug. Parking brakes on all drive axles. PHP10 iron preset plus hubs, long stroke parking brakes on all drive axles, diff. lock both axles, refuse service brakes on steer and drive axles, rear brake camshaft reinforcement (no dust shields), anti-lock braking system (ABS) 4S4M, bendix air cam rear brakes 16.5 x 8.6 with automatic slack adjusters and outboard mounted brake drums, rear axle 5.25 ratio, and Hendrickson Haulmax HMX 46,000 lb, 54" axle spacing, 60K creep rating.

### **ENGINE AND EQUIPMENT**

Shall be PACCAR MX-11 400R@1600 GOV@2200 1450@900 diesel engine. The engine must meet 2021 EPA emissions standards for refuse use. Shall include aluminum flywheel housing and magnetic engine oil drain plug. Maximum accelerator pedal vehicle speed and cruise speed 73 mph. Engine idle shutdown timer disabled, remote PTO and throttle provision.

PACCAR Premium Coverage (5/100,000) – 2020 MX-11, 5 years/100,000 miles. Coverage is 100% parts and labor with no deductibles on internally lubricated components and major engine systems including turbo charger, water pump and fuel injectors.

PACCAR after treatment coverage (5/100,000) – 2020 MX-11, 5 years/100,000 miles. Coverage is 100% parts and labor with no deductibles on DEF controller/dosing unit/dosing valve, SCR catalyst, catalytic converter particulate filter, SCR/DPF temp. Sensor interface module, and other related after treatment parts.



## **ELECTRICAL**

With 160 amp alternator (brushed); premium 12V starting batteries 2000 CCA, threaded stud type terminal. Stranded copper battery cables are double aught (00) or larger to reduce resistance. Kissling battery disconnect switch mounted on battery box, 2 speed fan clutch for frequent start/stops, 18.7 CFM air compressor furnished on engine. Teflon lined stainless steel braided compressor discharge line. C-Brake by Jacobs, which should include 2 switches: A 2 position on/off engine switch and a 3 position up, down, hold range selection switch. Fuel filter/water separator, 12V heated with water in fuel (WIF) sensor in addition to the fuel filter supplied with engine. Engine protection shutdown which includes oil pressure and coolant temperature. High efficiency cooling system with cooling module which is a combination of steel and aluminum components with aluminum connections. Silicone radiator and heater hoses. Constant tension band clamps with extended life anti-freeze effective to -30 degrees F. Low coolant level sensor warns of low coolant conditions. Bugs screen removable type grill Mtd with additional clips at bottom of bug screen. Shall have stainless steel grille. Heavy duty air cleaner with molded rubber air intake connections with lined stainless steel clamps seal. Pre-cleaner ECG.

## **EXHAUST**

Vertical LH DPF/SCR transverse mounted. Curved tip standpipes, 24" height, 5" chrome, clear coat standpipe(s).

## **TRANSMISSION AND EQUIPMENT**

6-speed Allison 4500 RDS-P transmission Gen 5, rugged duty series and includes transmission support. 1810 HD driveline, 1 midship bearing 4.5" x .180 wall tubing, Allison fuel sense not desired, console mounted push button shifter, Allison 6 speed configuration, and wide ratio gears. A (5 year/100,000 mile) Allison 4500 RDS-P warranty (parts and labor with no deductibles) to be included.

## **AIR AND TRAILER EQUIPMENT**

Bendix AD-IS EP air dryer with heater and coalescing filter, extended purge, pull Cords all tanks, nylon chassis hose with steel painted air tanks.

## **FRONT/REAR WHEELS AND TIRES**

FF: GY 20 ply 425/65R22.5 G296 MSA diameter = 44.4" SLR = 20.6".

RR: BR 14 ply 11R22 M843 diameter = 42.5" SLR 19.9"

Code rear Tire Qty: 08

FF 22.5 x 12.25 Steel wheels

RR 22.5 x 8.25 Steel wheels

## **FUEL TANK**

23" aluminum fuel tank RH BOC 100 gallons with paddle handle filter cap with threadless filler neck. Top draw fuel plumbing. Fuel cooler required with single fuel tank. Top of fuel tank 5" below top of frame.

DEF tank mounted LH BOC, standard DEF to fuel ratio 2:1 or greater.

## **BATTERY BOX AND BUMPER**

Aluminum space saver battery box LD back of cab, mount space saver battery box top of box 8" below top of frame. Steel bumper swept back painted requires bumper extension, includes two tow eyes with pins. Notched top flange on bumper with screen over air intake openings in bumper.

## **CAB**

Left hand drive, two door cab which includes steel frames with aluminum and fiberglass panels, all aluminum doors, dual door stops, door locks, tinted safety glass throughout, cab and door mounted entry grab handles, 65 degree hydraulic tilt, stainless steel grille, dual rear cab fenders, service module BOC (cab tilt pump, oil fill and dipstick, coolant fill and check, fluid fill and dipstick for auto trans), door mounted armrests, power windows, full insulation, rubber floor mats, ergonomic center control console, removable instrument panel, driver information display, LED backlit gauges, pull down windshield sunshade, 16" steering wheel with integrated horn button, tilt/telescopic adjustable column, over door storage, driver and passenger side cup holders, USB charging port and 12 volt DC charging outlet, header includes HVAC controls and 12 V power connection behind header cover, rear cab corner windows, 18" bolt on step each side, self-cancelling turn signals and front directional and side mounted turn signals, stainless steel external and internal grab handles left and right, 4.5" rubber flares on cab and well fenders, air ride driver seat with high back and vinyl, non-air ride passenger with low back, gray interior color, rear window back of cab standard tint, two piece flat windshield, combo fresh air heater and AC, mirrors SSTL each side heated and motorized, (2) two convex 8" mirrors, 1 air horn 15: painted, concert class radio with BT phone, single CD radio (AM/FM) WB, USB and MP3, front cab guard painted black, triangle reflector kit shipped loose, back up alarm (107dB), engine oil temp. Gauge, main transmission oil temp. gauge, air restriction indicator, minimum 4 additional electric switches without wiring, 5 light guards on marker lights, 5 LED clearance with 2 LED marker lights, and none furnished stop/tail/ backup lights.

## MISCELLANEOUS

One set of operator's manual, and one set of service manuals per truck, which shall include disassembly/assembly and troubleshooting information of the cab, chassis, transmission, differential and engine.

Power take-off and mud flaps.

3 sets of keys are to be included.

## FRONT LOADER (EJECT) REFUSE COLLECTION TRUCK BODY BID SPECIFICATIONS

**SCOPE:** It is the intent of this specification to describe a hydraulically actuated packer body of the front 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 A245.1-2008.

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

	YES	NO	OFFERED
<b>A. CAPACITY</b>			
1. The body shall have a minimum capacity of:			
a. 40 Cubic Yards	_____	_____	_____
<b>B. BODY DIMENSIONS</b>			
1. Maximum overall body width not to exceed 96"	_____	_____	_____
2. Maximum overall length and height ( <i>with tailgate in locked position and arms in down position</i> ) above the chassis frame not to exceed:	_____	_____	_____
Capacity	OL Length	Height	WB
a. 40 Cu./Yd.	406"	114"	208" - 210"
	_____	_____	_____

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

Capacity	Weight
----------	--------

a. 40 Cu./Yd.	18,430 pounds	_____	_____	_____
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### C. BODY CONSTRUCTION

1. The body sides shall be constructed of 3/16" AR235 formed to a radius for added strength. Side panels should be one sheet. Multiple panels are not acceptable. \_\_\_\_\_
2. The body roof shall be constructed of 3/16" Hi-tensile sheet steel. \_\_\_\_\_
3. A single 2" x 2" structural tube shall reinforce the roof at the center line, connecting the front and rear bracing. \_\_\_\_\_
4. A structural tube formed to the radius of the body shall reinforce the body at the front and rear. (The tube shall be 3" x 2" x 3/16" front and 6" x 2" x 3/16" rear.) \_\_\_\_\_
5. The body floor shall be curved and made of 1/4" T1. \_\_\_\_\_
6. The floor longitudinal shall be 3" x 6" x 1/4" structural tube. \_\_\_\_\_
7. The floor cross members shall be 4" 5.4# C channel. \_\_\_\_\_

### D. HOPPER

1. The hopper shall have a minimum capacity of 12 cubic yards. \_\_\_\_\_
2. The hopper floor shall be constructed of minimum AR400 steel 1/4". \_\_\_\_\_
3. The lower hopper sides shall be constructed of minimum AR400 steel 3/16" formed to a radius for additional strength. \_\_\_\_\_
4. The upper hopper side shall be constructed 3/16" Hi-Tensile steel. \_\_\_\_\_
5. The hopper front shall be enclosed with expanded metal for viewing behind the packer blade and to prevent trash from blowing out. \_\_\_\_\_

6. The hopper shall be lined with six (6) 1/4" and 3/8" AR400 wear strips to match the wear strips on the packer panel. Plow steel wear strips are not acceptable. \_\_\_\_\_
7. There shall be a hydraulic sliding hopper cover constructed of 10ga 50k Hi-Tensile and reinforced with 2" x 2" tube. \_\_\_\_\_
8. The hopper cover shall be powered by a one (1) 2 1/2" x 80" double acting hydraulic cylinder. \_\_\_\_\_
9. The hopper cover shall open automatically when raising the lift arms. \_\_\_\_\_
10. There shall be a SPDT (Single Pull Double Throw) electrical switch in the cab to manually close the hopper cover. \_\_\_\_\_
11. There shall be 10" x 17" sump clean out doors located on each side of the front of the body. They shall be located so to have access from the ground and without the need to physically enter the hopper. \_\_\_\_\_
12. There shall be a sliding side access door with a PTO interlock and shall be a minimum of 30" x 30". \_\_\_\_\_

**E. PACKING MECHANISM**

1. The packing panel face sheet shall be constructed of 1/4" AR 235 steel. \_\_\_\_\_
2. The packing panel shall slide in a tract constructed of 1/4" Formed channel and lined on all three sides with AR 400 wear strips. \_\_\_\_\_
3. The packing panel shall be activated by two (2) 6.5" x 182" Stroke four stage telescopic hydraulic cylinders with U-cup seal design. \_\_\_\_\_
4. The panel shall have a pack cycle of 25-27 seconds. \_\_\_\_\_
5. The packing panel shall be 78" high and 84" wide. \_\_\_\_\_
6. The packing panel shall exert a minimum of 133,000 lbs. of packing force throughout the pack cycle. \_\_\_\_\_

## **F. TAILGATE**

1. The tailgate shall be top hinged and of the bustle type. \_\_\_\_\_
2. The tailgate rear panel shall be constructed of 10ga 80K steel. \_\_\_\_\_
3. The tailgate side sheets shall be constructed of 10ga 80,000 PSI Hi-Tensile steel reinforced with 2" x 3" x 3/16" structural tube. \_\_\_\_\_
4. The tailgate shall be secured to the body using one (2) set of hinges with 1 1/2" hinge pins at the roof line. \_\_\_\_\_
5. The tailgate shall be unlocked, opened and closed by two (2) 3" x 42" double acting hydraulic cylinders with restrictors to prevent precipitous decent in case of a hydraulic line ruptures. \_\_\_\_\_
6. The tailgate shall have a six point positive lock system without the need for turnbuckles. \_\_\_\_\_
7. The tailgate shall be equipped with a one piece - replaceable rubber gasket, extending across the bottom width of the tailgate and vertically up the side 42". \_\_\_\_\_
8. A warning light and buzzer shall be installed in the cab to indicate when the tailgate is open. \_\_\_\_\_

## **G. LIFTING ARMS**

1. The arms shall be of fabricated tube design. The arm is comprised of 3" x 1/2" 100K upper and lower continuous flat bar. (Multiple piece welded flat bar is unacceptable) The arms shall be covered with 1/4" T-1 steel side plates. \_\_\_\_\_
2. The lift arms shall have 10,000 pound lift capacity. \_\_\_\_\_
3. The arm shall provide a progressive slow stop before coming into contact with the rubber arm stops by use of a deceleration valve. (Internal cushioning of the arm cylinders is not acceptable). \_\_\_\_\_
4. The load arm cycle time shall not be more than 12-13 seconds. \_\_\_\_\_

5. The lift arms shall be powered by two (2) 5.25" x 36" double acting cylinders with 2 1/2" rods. \_\_\_\_\_
6. The arm pivot shaft shall be constructed of 4 1/2" OD wall DOM tubing. \_\_\_\_\_
7. The pivot bushings shall have at least 4 split type bronze bushings to prevent wear. \_\_\_\_\_
8. The forks shall be constructed of 1 1/2" 100K from bump 49" long stop to tip Hi-Tensile plate and tapered at the end. \_\_\_\_\_
9. The forks at the dump position shall not exceed 13' 6" above the ground. \_\_\_\_\_
10. The fork rotation shall be accomplished by two (2) 4" double acting hydraulic cylinders, 24" stroke, with a minimum 2" rod. \_\_\_\_\_
11. The fork pivot shaft shall be constructed of 4 1/2" OD x 1/2" wall DOM tube. \_\_\_\_\_
12. The fork bushings shall be of the split bronze type bolted to the arms with four (4) 3/4" grade 8 bolts on each side. \_\_\_\_\_
13. T1 steel hook on the tip of the forks \_\_\_\_\_
14. There shall be UHMW arm scuff plates mounted to the upper hopper sides. \_\_\_\_\_

## **H. CONTROLS**

1. The operating controls shall be located in the cab easily accessible to the driver. \_\_\_\_\_
2. The fork and arm function shall be controlled by two (2) 4 way metering air controllers bolted together. \_\_\_\_\_
3. The controller shall communicate with the hydraulic valve air shifters in a metering function to provide better control in the loading process. \_\_\_\_\_
4. The packer, hopper cover, and rear door operation shall be controlled by SPDT electrical switches. \_\_\_\_\_

5. The rear door shall not operate without depressing a safety switch in conjunction with the tailgate rocker switch to prevent accidental opening of the rear door. \_\_\_\_\_
6. The arm control shall have an interlock to prevent dumping behind the packer panel. \_\_\_\_\_

## **I. HYDRAULICS**

1. Hydraulic reservoir shall be supplied with a minimum capacity of 70 Gallons and equipped with a fluid sight gauge, temperature indicator, air breather filter, magnetic trap, and a gate valve on the suction line. \_\_\_\_\_
2. The reservoir shall have a 100 micron suction strainer and equipped with a built in 3 PSI bypass for pump protection. \_\_\_\_\_
3. The body shall be powered by a front mounted Denison vane pump. \_\_\_\_\_
4. All hydraulic functions shall be controlled by an air operated Commercial VA-35 hydraulic valve or equivalent. \_\_\_\_\_
5. All hydraulic hoses shall be SAE 100 R4 with crimped on fittings. where possible seamless steel tubing with zinc clear coating shall be used and held in place with shock absorbing bolt on clamps. \_\_\_\_\_
6. All hose ends, tubing and adapters shall have JIC 37 degree flare fittings. \_\_\_\_\_
7. Normal maximum operating pressures shall not exceed 2450 PSI. \_\_\_\_\_
8. The hydraulic system shall incorporate a relief valve to protect all components from excess pressures. \_\_\_\_\_
9. All cylinder rods shall be chrome plated. \_\_\_\_\_
10. The hydraulic system shall include automatic pack function to allow a continuous pack cycle. \_\_\_\_\_
11. The packer panel in extend or retract mode shall \_\_\_\_\_



automatically accelerate at 1,450-1,550 RPM when truck is in neutral.

\_\_\_\_\_

12. The auto pack function shall include a pack start button and a neutral safety to disable automatic acceleration if the transmission is in gear. PTO kill switch provided on the hopper access door.

\_\_\_\_\_

## **J. ELECTRICAL**

1. All wiring shall be loomed or in conduit.

\_\_\_\_\_

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

\_\_\_\_\_

3. All clearance, back-up, and directional lights shall be shock mounted and be mounted in rubber grommets.

\_\_\_\_\_

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

\_\_\_\_\_

5. A light shall illuminate in the cab when the tailgate is open and audible alarm will sound when the tailgate is open.

\_\_\_\_\_

6. A Safety Vision camera recording system shall be installed Model 4112, 70WQ4 monitor with front, rear, and both sides recording while ignition is turned on. A 56BA Monitor with hopper camera viewing only. The hopper camera will not record but on when ignition is on.

\_\_\_\_\_

## **K. PAINT**

1. The body shall be properly cleaned of all dirt, oil and welding slag. A gray lead-free Epoxy primer with rust inhibitors shall be applied.

\_\_\_\_\_

2. DuPont IMRON 5000 shall be applied as top coat. Specify paint code: N0071 Blue

\_\_\_\_\_

## **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. WARRANTY**

### **Body**

1. Body: Manufacturer's limited warranty shall apply for a period of one year after date of acceptance of the unit. \_\_\_\_\_
2. Cylinders--2 years. \_\_\_\_\_

## **N. OPTIONAL EQUIPMENT**

1. Hopper Lights: Two white LED lamps. The lights shall be capable of illuminating the hopper. The lights will be activated by a switch in the cab of the chassis. \_\_\_\_\_
2. Strobe lights: A strobe light shall be mounted on the center of of the tailgate. The light shall be activated by a switch located inside the cab of the chassis. In addition, there shall be LED smart strobe light system in the upper and lower tailgate light cluster. \_\_\_\_\_
3. Service Hoist- The body shall be equipped with a self contained 12 VDC motor and pump and separate cylinder to lift the body for service and access to transmission. The body shall also be equipped with safety prop rod to prevent body from falling if cylinders should fail. \_\_\_\_\_
4. Chromium overlay (or equal) strips in the hopper tracks. \_\_\_\_\_
5. Canopy coated with rock guard (or equal) liner. \_\_\_\_\_
6. Shall have in cab air operated canopy extension lifter. \_\_\_\_\_
7. Left and right mid-body backup LED lights \_\_\_\_\_
8. Bidder must provide on-site training of operation and preventative maintenance practices for the body. Body bid must be manufactured in the United States. \_\_\_\_\_

## **DELIVERY**

1. At delivery a parts and service manual must be included in your cost. Please state how many days it will take to deliver the product after receiving the chassis at the manufacturer's facility: \_\_\_\_\_
2. The competed unit will be shipped FOB Valdosta, GA. \_\_\_\_\_

3. Include appropriate literature with your bid for the loader. \_\_\_\_\_

A training session on the use of the truck, loader and body shall be figured into your price when scheduling delivery to the City of Valdosta. The Chassis seller will be responsible for overseeing the proper installation of the loader and body and ultimately be responsible for the entire unit if problems arise at delivery. Everything in this bid package shall be shipped FOB Valdosta, GA and figured into total price. No additional delivery charges, driver charges, or fuel charges will be paid.

**TRUCK BIDDING**

Year: \_\_\_\_\_ MFG: \_\_\_\_\_ Model: \_\_\_\_\_

**BODY BIDDING**

Year: \_\_\_\_\_ MFG: \_\_\_\_\_ Model: \_\_\_\_\_

The City would like the successful vendor to agree to lock the price in for additional units ordered before August 31, 2023. There might be plans to fund additional unit(s) next fiscal year which begins July 1, 2024 but are not guaranteed until the budget is formally approved. There is no guarantee.

Does vendor agree to lock the price in for the time requested? YES \_\_\_\_\_ NO \_\_\_\_\_

Estimated time after receive order to completion on this bid: \_\_\_\_\_

**PLEASE CONTACT MR. JOHN BURTON AT THE CITY OF VALDOSTA MAINTENANCE CENTER AT 229-259-3580 FOR TECHNICAL QUESTIONS ABOUT THE TRUCK AND BODY.**

# PROPOSAL

We/I have examined the specifications and agree to furnish the City of Valdosta with the equipment/services accordingly. Any deviations from the specifications will be marked exception on the bid sheet. We/I propose to furnish the City of Valdosta with said equipment/ service for:

\_\_\_\_\_ Dollars \_\_\_\_\_ Cents Each

\$ \_\_\_\_\_

Date: \_\_\_\_\_

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

Remit: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Cell: \_\_\_\_\_

Fax: \_\_\_\_\_

Signature: \_\_\_\_\_ Title: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Email: \_\_\_\_\_

Delivery: \_\_\_\_\_ Days After Receive Order

Is your company currently on any State or Federal Debarment list? Yes \_\_\_\_\_ No \_\_\_\_\_

Will your company accept a credit card for payment? Yes \_\_\_\_\_ No \_\_\_\_\_

E-Verfiy Number: \_\_\_\_\_

Include a W-9 in package.

## VENDORS

Solid Waste Applied Technologies  
Att: JC Gillenwater  
207 Hal Averitt Boulevard  
Statesboro, GA. 30458

Perfromance Peterbilt of Albany LLC  
Attn: Dave Tennyson  
1710 East Oglethorpe Blvd.  
Albany Ga.31705

Nalley Motors  
Att. Kurk Hohlstein  
2560 Moreland Ave.  
Atlanta Ga. 30315

Waistebuilt  
8110 Troon Circle  
Austell, GA 30168

Trans-Power Inc.  
1826 S. Peterson Ave.  
Douglas Ga. 31533

Tri-State Peterbuilt  
5727 Newton Rd.  
Albany Ga. 31707-5458

Municipal Equipment Sales  
PO Box 1233  
Woodstock Ga. 30188

Heil  
500 Lee Industrial Blvd. , S.E.  
Austell, GA 30001

McNellus Truck and Mfg.  
2160 Lee Rd.  
Lithia Springs, GA 31706

Transpro  
2702 Palmyra Rd.  
Albany, GA 31707

Nu-Life Environmental  
4821 Calhoun Memorial Highway  
Easley, SC 29641

Perfromance Peterbilt of South Ga LLC  
5190 Jewel Futch Road  
Lake Park, GA 31636

Four Star Freightliner  
2638 Madison Hwy  
Valdosta, GA 31601

Action GMC  
Attn: Glenn Culvert  
211 Rose Clark Circle  
Dothan, AL 36303

Environmental Products Group  
4410 Wendell Dr. SW  
Atlanta, GA 30336