

COLQUITT COUNTY BOARD OF COMMISSIONERS

101 East Central Avenue

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April 18, 2022

Invitation to Bid

RE: Two New 66,000 GVWR Truck Chassis

Colquitt County is accepting sealed bids on two (2) new **66,000 GVWR Truck Chassis** to be used by the Colquitt County Solid Waste Department. Specifications are attached. We are requesting an option for two (2) and three (3) year buyback program to be provided with complete contract details where available.

The bid packet is available from the Purchasing office at the Colquitt County Annex located at 101 East Central Ave, Room 206 or can be accessed on the Colquitt County website at www.ccboc.com/departments/purchasing and refer to the Bid and RFP List to download this packet.

Sealed bids will be accepted in the office of the County Purchasing Agent, 101 E Central Ave., Room 206, Moultrie, GA 31768 or mailed to P.O. Box 517, Moultrie, GA 31776-0517 until **Wednesday, May 18, 2022 at 2:00 P.M.** at which time they will be publicly opened and read aloud. Bids must be in a sealed envelope, plainly marked in the lower left hand corner **"Sealed Bid Garbage Truck Chassis"**. It is the bidder's responsibility to have all bids turned in by the called time. No bids will be accepted after the called time. No bids may be withdrawn for a period of thirty (30) days after the called time. The Colquitt County Board of Commissioners reserves the right to accept or reject any or all bids and to waive any and all formalities.

Any questions are to be directed to:

Lena Mercer, Purchasing Agent, 229-616-7087 or lmercer@ccboc.com

Stacy Griffin, Solid Waste Director, 229-616-7405 or stacygriffin@ccboc.com

Mac Lawson, Maintenance Director, 229-616-7469 or maclawson@ccboc.com

Thank you for your interest in doing business with Colquitt County Board of Commissioners.

Sincerely,

Lena Mercer
Purchasing Agent

Colquitt County Automated Side Loader Refuse Collection Truck Body

MINIMUM BID SPECIFICATIONS

Bidder Shall Complete the Following
If No, State Specifically the Item being offered

	Mark with a	Meets Specifications: YES or NO
Section 1 APPLICATION		
1.1 It is the intent of these specifications to describe the minimum requirements for an automated Side Loading refuse compactor body.	_____	_____
1.2 The capacity shall be 31 cubic yards, exclusive of the hopper.	_____	_____
1.3 Features standard to this unit will be furnished by the successful bidder. Body shall conform in strength, quality of material, and workmanship to that provided by the best engineering and manufacturing practices of the industry.	_____	_____
1.4 All equipment shall be new model design, assembled and ready for operation at the time of delivery.	_____	_____
1.5 Bidders shall attach a statement that the unit meets or exceeds these specifications and/or list any exceptions fully and accurately. The response "Meet with intent" will not be acceptable and deemed non-responsive.	_____	_____
Section 2 GENERAL		
2.1 Refuse body will have a capacity of 31 cubic yards, exclusive of the hopper.	_____	_____
2.2 Packer body capable of packing 900 pounds per cubic yard of dry household trash.	_____	_____
2.3 Hopper shall have a minimum capacity of 6 cubic yards.	_____	_____
2.4 Packer must meet all applicable standards.	_____	_____

Colquitt County Automated Side Loader Refuse Collection Truck Body

Automated Side Loader Refuse collection Truck Body (Continued)

Section 3 BODY CONSTRUCTION (The following specifications are minimums.)

Meets Specification

	YES	NO
3.1 The body shall be all welded construction.	_____	_____
3.2 Body wall thickness is 10 gauge Hardox 450, 174,000 psi strength.	_____	_____
3.3 Body roof thickness is 10 gauge, 80,000 psi.	_____	_____
3.4 Body floor is 1/4" gauge AR 450.	_____	_____
3.5 Sides, front and rear to be reinforced for strength requirements.	_____	_____
3.6 Reinforcement design and characteristics dependent upon construction methods used, but they must be certified to meet the specified compacting requirements without body distortion.	_____	_____
3.7 Unit shall have a shovel holder.	_____	_____
3.8 Unit shall have a clean out tool. Unit shall have dual cleanout doors with a minimum dimension of 14 5/8" x 7" each.	_____	_____

Section 4 BODY DIMENSIONS

4.1 Body height above truck frame is not to exceed 108".	_____	_____
4.2 Outside width of the body is not to exceed 96".	_____	_____

Section 5 HOPPER

5.1 The hopper shall have a minimum capacity of 6 cubic yards.	_____	_____
5.2 The hopper floor shall be a minimum of 1/4" AR 400 abrasion resistant steel.	_____	_____
5.3 The hopper sides are to be a minimum of 1/4" AR 400 abrasion resistant steel.	_____	_____
5.4 A hydraulic panel will be furnished to prevent refuse loss during transport. In cab controls-Open and close. Must also include an interlock when closed to prevent from dumping cart when panel is close. Must be constructed of durable steel strong enough for a 400lb person to stand on.	_____	_____

Colquitt County Automated Side Loader Refuse Collection Truck Body

Automated Side Loader Refuse collection Truck Body (Continued)

Meets Specifications:

YES NO

5.5 A ladder or foot supports with grab handles shall be designed to meet OSHA standards and provide easy access to the hopper area.

5.6 The hopper shall have a minimum displacement rate of 5.4 cubic yards per minute.

Section 6 PACKING MECHANISM

6.1 The packing panel is to be 3/8" 50,000 psi steel.

6.2 The packing mechanism is to retain compacted material in the body.

6.3 Length of the packing cycle is to be determined by proximity switches.

6.4 Packing features are dependent upon each manufactures design, but must be capable of accomplishing the requirements set forth in these specifications. It must also fulfill the operational claims made by the manufacturer.

6.5 Packing shall complete a pack cycle in a maximum of 20 seconds at idle speed.

6.6 Dual packing cylinder sleeves are chrome plated single stage cylinders. Cylinder dimensions are cylinder bore diameter is 4" & cylinder rod diameter is 3", and stroke length is 43".

Section 7 LIFTING AND GRIPPING MECHANISM

7.1 The lifting mechanism shall be capable of gripping, lifting, raising, and dumping containers from 36 to 110 gallons with the use of a joy stick. The joy stick shall be conveniently located to the left of the operator. An ergonomically designed padded armrest shall be provided to support the operator's arm during operation.

7.2 The arm will consist of three main horizontal mast sections, one vertical lift section with 2 arms, or equal design.

Colquitt County Automated Side Loader Refuse Collection Truck Body

Automated Side Loader Refuse collection Truck Body (Continued)

	Meets Specifications:	
	YES	NO
7.3 Bidder is to provide detailed specifications of the design of the arm and To include the material used in the design.	_____	_____

7.4 The lifting mechanism must be mounted to the chassis. Lifting mechanism mounted to the body will not be acceptable.	_____	_____
7.5 The mechanism shall be spring steel and have the capability of gripping containers within the range previously mentioned without having to change grip arm configurations.	_____	_____
7.6 Gripping force is to be adjustable to provide container retention and also for limiting the radial force applied to prevent container damage.	_____	_____
7.7 Lifting mechanism shall be capable of a complete cycle, which includes grip, lift, dump, lower, and un-grip in a maximum of 8 seconds.	_____	_____
7.8 The mechanism shall be capable of lifting, raising, dumping, and returning containers from any position within its reach.	_____	_____
7.9 The mechanism shall incorporate serviceable bearings at the grip, pivot, and extension-retraction points to ensure smooth operation and long service life.	_____	_____
7.10 The "reach" of the mechanism shall extend a minimum of 144" from its fully retracted to pivot, and extension-retraction points to ensure smooth operation and long service life.	_____	_____
7.11 The mechanism will be capable of lifting 1,000 lbs. at any point to which the arm is extended. "Note" The "Bidder" shall provide "Certification" of this capability with their bid.	_____	_____
7.12 The container shall be tilted a minimum of 45 degrees past horizontal to provide for full dumping.	_____	_____

Colquitt County Automated Side Loader Refuse Collection Truck Body

Automated Side Loader Refuse collection Truck Body
(Continued)

Meets Specifications:
YES NO

Section 8 TAILGATE

- | | | |
|---|-------|-------|
| 8.1 The tailgate is to be hinged at or above the roofline using high strength steel hinges it is to be raised for load dumping by 2 double acting cylinders mounted on the outside of the tailgate. These cylinders shall be of a design that will prevent rapid lowering of the tailgate in case of a hydraulic component failure. | _____ | _____ |
| 8.2 The tailgate cylinders shall have chrome plated rams. Cylinder dimensions will be 3" bore diameter, 2" ram, and a 30" stroke. | _____ | _____ |
| 8.3 The tailgate is to be released and locked with no moving parts other than the two (2) primary lift cylinders and associated locking mechanisms. | _____ | _____ |
| 8.4 A gasket is to be affixed to the tailgate to provide a watertight seal between the body and tailgate. | _____ | _____ |
| 8.5 The tailgate must be equipped with a tailgate ajar switch with audible and visible warning devices fixed in the cab which comply with ANSI standards and warns when the tailgate is partially to completely open. | _____ | _____ |
| 8.6 Body hinge structures must be of proper design, materials, and construction to support the tailgate. | _____ | _____ |
| 8.7 Tailgate maintenance safety props shall be provided. | _____ | _____ |
| 8.8 Tailgate bubble is Hardox 450, 174,000 psi, tailgate sides are 10 gauge 80,000 psi. | _____ | _____ |

Colquitt County Automated Side Loader Refuse Collection Truck Body

Automated Side Loader Refuse collection Truck Body (Continued)

Meets Specifications:
YES NO

Section 9 EJECTION-DUMPING SYSTEM:

- 9.1 Dumping is to be accomplished by raising the body.
Full eject will be considered. _____
- 9.2 Dumping shall be done by means of a single telescoping, center mounted, hydraulic cylinder capable of lifting the box when compacted to maximum capacity. Hoist cylinder is a Nitrate treated, 4 stage cylinder, with a 180" stroke. Bore diameter of the cylinder from largest to smallest is 6 1/2", 5 1/2", 4 1/2", 3 1/2", or equal. _____
- 9.3 The body dump angle shall be such that all refuse in the box will be removed without sticking or bridging. Body dump angle is 45 degrees. _____
- 9.4 All dumping controls will be a basic control panel system that is cab mounted. Control panel must be interlocked with a manual override to prevent accidental refuse discharge. _____
- 9.5 All ejection/dumping controls shall be operated from inside the cab. _____

Section 10 HYDRAULIC SYSTEM:

- 10.1 The hydraulic system is composed of 2 vane pumps, one for body Functions and one for arm functions. Pumps have a common suction. Hydraulic pump model is Denison T6DC or equal Vane pump. D cartridge is for body function, C cartridge is for arm function. The hydraulic pressure body line shall be made up of a Denison Eco System or equal with a 12 volt DC in line mounted solenoid which diverts the flow back to the Inlet when the pump is not engaged and a flow control block which diverts excess flow back to the Inlet. Body functions pump maximum flow is 20 gpm @ 700 rpm. Arm functions pump maximum flow is 18 gpm @ 700 rpm. Hydraulic system pressure relief for the body is 2500 psi and for the arm it is 2000 psi, or equal. _____
- 10.2 Pump capacity shall not be less than 52 gpm @700 rpm. _____
- 10.3 Factory installed relief valves shall be incorporated into the system and set at 3000 psi for body functions and 2000 psi for Arm functions. _____
- 10.4 A 10 micron absolute spin on filter is installed in the return line. _____

Colquitt County Automated Side Loader Refuse Collection Truck Body

**Automated Side Loader Refuse collection Truck Body
(Continued)**

Meets Specifications:
YES NO

- | | | |
|--|-------|-------|
| 10.5 Hydraulic tank is to be frame mounted and equipped with a 10 micron breather element and eye level sight gauge. Tank location will be determined by body configuration. | _____ | _____ |
| 10.6 Hydraulic reservoir tank capacity must be at least 70 gallons. | _____ | _____ |
| 10.7 Hydraulic system must contain cylinders capable of performing the Operational requirements set forth in these specifications. | _____ | _____ |
| 10.8 Hydraulic hoses are to be SAE approved construction with hose burst pressure 4 times working pressure and have protective coverings. | _____ | _____ |
| 10.9 Hydraulic control assemblies must be located so that at no time or load Condition it becomes necessary to remove the load to service these components. | _____ | _____ |
| 10.10 All cylinders must have the latest design sealing materials. | _____ | _____ |
| 10.11 Unit must have protective cover on pack manifold. | _____ | _____ |

Section 11 CONTROLS:

- | | | |
|--|-------|-------|
| 11.1 All compactor operating controls are to be located in the truck cab and mounted for operator convenience and comfort. | _____ | _____ |
| 11.2 Warning signals shall be incorporated into all circuits monitoring abnormal compactor operations. | _____ | _____ |

Section 12 LIGHTING AND WIRING:

- | | | |
|--|-------|-------|
| 12.1 All lights and reflectors shall be in accordance with Federal and State I.C.C. Motor Vehicle Safety Standards. | _____ | _____ |
| 12.2 Provisions will be made for maximum visibility and may include 2 red stop-tail lights, 2 red turn-tail lights, a high intensity white LED strobe mounted on rear tailgate, and an I.D. cluster. All lights must be L.E.D. | _____ | _____ |
| 12.3 A lighted license plate bracket will be provided. | _____ | _____ |
| 12.4 Unit must include arm, hopper, and side mounted work lights. | _____ | _____ |

Colquitt County Automated Side Loader Refuse Collection Truck Body

**Automated Side Loader Refuse collection Truck Body
(Continued)**

Meets Specifications:
YES NO

12.5 Unit must include 2 tailgate work lights and 4-inch amber strobe LED lights plus alternating flashing lights. _____ _____

Section 13 PAINTING:

13.1 All components will be properly cleaned prior to priming. _____ _____

13.2 All burrs and rough spots are to be removed. _____ _____

13.3 Two (2) coats of rust inhibiting primer are to be applied prior to the finish coat. _____ _____

13.4 Final coat to be high gloss Colquitt County Green. _____ _____

Section 14 CAMERAS:

14.1 Three (3) Color Cameras will be provided: 1st placed for arm to center On cart. 2nd placed to monitor hopper area. 3rd on rear tailgate. The system Must default to the arm, then switches automatically to hopper when the Cart is dumped, **then** automatically back to arm to set cart back. The rear Camera will activate automatically when chassis is shifted to reverse. _____ _____

14.2 Color Camera monitor 7" shall be mounted in the cab and be fully adjustable flat screen type with split screen option so all camera views can be displayed at one (1) time and automatically switch to full screen backup camera when unit is shifted to reverse. _____ _____

14.3 The Cameras' shall be Safety Vision _____ _____

14.4 Protective cases shall be provided for the cameras. _____ _____

14.5 All Cameras' shall have shields to minimize sun glare. _____ _____

Section 15 OTHER:

15.1 Two complete sets of operators, parts, and service manuals will be supplied for refuse body.

Colquitt County Automated Side Loader Refuse Collection Truck Body

Automated Side Loader Refuse collection Truck Body (Continued)

	Meets Specifications:	
	YES	NO
15.2 A backing sensor shall be provided with visual lights & audible as Truck backs. The lights shall increase and the audible will increase As the truck gets closer to any object.	_____	_____
15.3 The body shall include LED integrated Strobes in the upper and lower Tailgate light cluster. In addition, round LED strobes will be in front upper bulkhead.	_____	_____
15.4 There shall be 2 mid body reverse work lights. These shall light up Automatically when the chassis is placed in reverse.	_____	_____
15.5 There shall be a “CAUTION” decal on the tailgate that indicates: “Vehicle stops and Backs frequently”.	_____	_____
15.6 Remote grease zerks for the tailgate hinges and tailgate cylinders Shall be included.	_____	_____
15.7 Pressure gauge shall be installed on the main relief.	_____	_____
15.8 Secondary rocker switch controls for the all the arm functions shall be under The driver seat and easily accessible.	_____	_____
15.9 A resettable arm cycle counter shall be included. Located in cab.	_____	_____
15.10 A 18 x18x24 locking tool box mounted on chassis frame rail shall Be included.	_____	_____
15.11 A PTO hour meter shall be included in the cab.	_____	_____
15.12 A 20lb fire extinguisher mounted on the side of the body shall Be included. 2 Spare Hydraulic Filters to be Included.	_____	_____
15.13 Unit shall have a 1 year complete body and hydraulic system warranty; 2 year cylinders warranty. Bidder shall include a detailed outline of the Manufacture warranty policy and a price list of all optional extended Warranties.	_____	_____

Colquitt County Automated Side Loader Refuse Collection Truck Body

The County will require on site operator training and general preventative maintenance procedures as required by the manufacture. Any chassis programming required to properly operate the ASL body in accordance with the manufactures specifications shall be the responsibility of the bidder. The body must be able to pack and dump a container at the same time without waiting on either. The unit must also be able to pack while moving to the next stop (appropriate over speed protection required). Bidder must have an authorized service facility within 60 miles of Colquitt County shop. Bidder must also include 2 spare hydraulic filters, 2 spare cameras, 4 spare proximity switches, and spare mac valve (if body bid uses mac valves). Bidder is to provide qualified references and include name, phone number, and organization. References less than 1 year old are not considered qualified references. Bidder must also provide proof of stocking parts at the dealer's facility in Georgia. Dealer must provide a complete list of stocking parts in their Georgia location. **These specifications are performance based and to the County's knowledge there are no legal patents preventing any qualified manufacture from producing these minimum performance measures.**

EXCEPTIONS TO BODY SPECIFICATIONS:

Line #	Explanation
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
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_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

Colquitt County Automated Side Loader Refuse Collection Truck Body

SPECIFICATIONS ON CHASSIS FOR 31 YARD AUTOMATED SIDE LOADER

<u>CHASSIS</u>	YES	or	NO
1. G.V.W. TO BE 66,000# FACTORY CERTIFIED.	_____		_____
2. WHEELBASE TO MEET BODY REQUIREMENTS.	_____		_____
3. FRONT AXLE TO BE 20,000# MINIMUM. OIL LUBRICATED WHEEL BEARINGS.	_____		_____
4. REAR AXLE TO BE 46,000# MINIMUM WITH DRIVER CONTROLLED AIR OPERATED POWER DIVIDER LOCKOUT, AND PRESSURE LUBE SYSTEM IN POWER DIVIDER IF NEEDED.	_____		_____
5. ENGINE TO BE MINIMUM 11 LITER DIESEL MINIMUM 325 H.P. @ 2100 RPM. MINIMUM 1200 LB. FT. TORQUE @ 1200 RPM. SINGLE STAGE AIR CLEANER. CURRENT EMISSIONS. 10 GALLONS OF DEF TO BE INCLUDED AT DELIVERY.	_____		_____
6. ENGINE BRAKE WITH ROCKER SWITCH CONTROL IN DASH	_____		_____
7. REMOVABLE WATER COOLER SUPPORT BRACKET MOUNTED IN CENTER OF FRONT BUMPER	_____		_____
8. VERTICLE EXHAUST SYSTEM WITH CURVED STANDPIPE	_____		_____
9. BELLY PAN	_____		_____
10. TWO-WAY SHUTDOWN FOR LOW OIL PRESSURE AND HIGH WATER TEMPERATURE.	_____		_____
11. HORTON FAN CLUTCH OR EQUAL	_____		_____
12. TRANSMISSION TO BE ALLISON 4500RDS-P 6 SPEED. DASH MOUNTED OIL TEMPERATURE GAUGE. REMOTE MOUNTED OIL FLITER. TRANSMISSION REAR SUPPORT. WATER/OIL HEAT EXCHANGE.	_____		_____
13. 1810 H.D. DRIVELINE WITH MIDSHIP BEARING.	_____		_____
14. ALLISON HD AUTO NEUTRAL "AK" FUNCTION IF NEEDED BY BODY MFG.	_____		_____
15. 160 AMP ALTERNATOR. 2,280 CCA MAINTENANCE FREE BATTERIES.	_____		_____
16. BATTERY DISCONNECT SWITCH MOUNTED ON BATTERY BOX.	_____		_____
17. 1,200 SQ. IN. RADIATOR MINIMUM OR EQUAL.	_____		_____
18. FRAME TO HAVE 3/8 INCH MAIN RAILS WITH FULL LENGTH INNER CHANNEL LINER.	_____		_____
19. MINIMUM R.B.M. RATING 2,800,000 IN. LBS. PER RAIL.	_____		_____
20. FRONT TOW HOOK(S).	_____		_____
21. FRONT P.T.O. PROVISIONS, INCLUDING ACCESS TO FRONT OF ENGINE CRANKSHAFT.	_____		_____

Colquitt County Automated Side Loader Refuse Collection Truck Body

	YES	NO
22. EXTENDED FRONT BUMPER AND ADAPTER PLATE ON FRONT OF ENGINE CRANKSHAFT.	_____	_____
23. SUSPENSION TO BE 20,000# FRONT SPRINGS MINIMUM.	_____	_____
24. 46,000# HENDRICKSON HALLMAAX REAR SUSPENSION OR EQUAL.	_____	_____
25. BRAKES: 16.5 X 6" FRONT & 16.5 x 8" REAR. MINIMUM	_____	_____
26. BENDIX SERVICE REFUSE BRAKES, FRONT AND REAR OR EQUAL	_____	_____
27. 18.2 CFM COMPRESSOR.	_____	_____
28. HEATED AIR DRYER.	_____	_____
29. BERG PULL CORD DRAIN VALVE AND CENTRAL DRAIN STATION.	_____	_____
30. SCHRADER AIR SYSTEM CHARGE VALVE ON FRONT BUMPER.	_____	_____
31. SEVEN WIRE HARNESS WITH JUNCTION BOX FOR BODY LIGHTS AND ADDITIONAL 5 WIRE HARNESS WITH CIRCUIT BREAKERS AND JUNCTION BOX COILED BEHIND CAB FOR PERMANENT BODY MOUNTING WITH 5 FEET HARNESS LENGTH.	_____	_____
32. DUST SHIELDS FRONT AND REAR.	_____	_____
33. AIR TANKS MOUNTED INSIDE FRAME RAILS.	_____	_____
34. TIRES TO BE 315/80R22.5 20 PLY ALL POSITIONS FRONT AND REAR.	_____	_____
35. WHEELS TO BE STEEL DISC FRONT AND REAR. 22.5 X 9.0 FRONT WHEELS. 22.5 X 9.0 REAR WHEELS.	_____	_____
36. FUEL TANK TO BE MINIMUM 80 GALLONS ALUMINUM.	_____	_____
<u>CAB</u>		
A. 53 INCH (APPROX) BBC.	_____	_____
B. LOW TILT CAB FORWARD WITH HYDRAULIC TILT. ELECTRIC MOTOR CONTROLLED TO BE INCLUDED.	_____	_____
C. CAB CONSTRUCTION OF ALUMINUM, FIBERGLASS OR STAINLESS STEEL TO PROHIBIT RUST.	_____	_____
D. AIR-RIDE DRIVER SEAT.	_____	_____
E. AIR-RIDE PASSENGER SEAT.	_____	_____
F. 4.5" RUBBER FENDERS ON WHEEL WELLS AND CAB FENDERS. 24" SPLASH GUARDS ON FRONT FENDERS WITH BRACKETS.	_____	_____
G. SHOULDER HARNESS FOR DRIVER AND PASSENGER.	_____	_____
H. FACTORY TINTED GLASS ALL WINDOWS.	_____	_____
I. FACTORY INSTALLED AIR CONDITIONING.	_____	_____
J. HEATER/WATER SHUTOFF VALVES.	_____	_____
K. DUAL 7 X 16 MIRRORS WITH STAINLESS STEEL BRACKETS.	_____	_____
L. HEATED & POWERED MIRROR HEADS.	_____	_____

Colquitt County Automated Side Loader Refuse Collection Truck Body

	YES	NO
M. DUAL 8 7/8" HEATED CONVEX MIRRORS.	_____	_____
N. ROLL UP OR POWER UP / DOWN WINDOWS RH & LH.	_____	_____
O. AM/FM WEATHERBAND RADIO WITH ELECTRONIC TUNING.	_____	_____
P. AUXILLIARY RADIO TERMINALS AND ANTENNEA LEADS.	_____	_____
Q. 5# LB. FIRE EXTINGUISHER.	_____	_____
R. DASH MOUNTED AIR CLEANER RESTICTION GAUGE.	_____	_____
S. TRIANGLE SAFETY KIT (KYLOR SOLID STATE HD FLASHER).	_____	_____
T. WARNING LIGHTS AND BUZZERS FOR AIR, OIL, AND WATER IN ADDITION TO DIRECT READING GAUGES.	_____	_____
U. PARKING BRAKE WARNING LIGHT.	_____	_____
V. 2 SPARE TOGGLE SWITCH.	_____	_____
W. BACK-UP ALARM WIRING TO END OF FRAME.	_____	_____
X. AIR HORN & REMOTE AIR VALVE IN CAB W QUICK DISCONNECT AND AIR GUN WITH HOSE SO THAT THE INSIDE OF CAB CAN BE BLOWN OUT.	_____	_____
Y. FULL SET OF GAUGES ON DASH: MUST INCLUDE SPEEDOMETER, TACHOMETER, VOLTMETER, PRIMARY & SECONDARY AIR PRESSURE GAUGES, ENGINE OIL PRESSURE, AND FUEL GAUGE.	_____	_____
Z. WARNING LIGHTS WITH AUDIBLE ALARM FOR HIGH COOLANT TEMPERATURE, PARKING BRAKE, POWER DIVIDER LOCKOUT (FOR TANDEM AXLES), LOW OIL PRESSURE, AND LOW AIR PRESSURE.	_____	_____
AA. WARNING INDICATORS: LOW AIR PRESSURE, LOW OIL PRESSURE, AND HIGH COOLANT TEMERATURES.	_____	_____
BB. CRUISE CONTROL.	_____	_____
CC. PARKING BRAKE CONTROL VALVE.	_____	_____
DD. WIPER / WASHER CONTROLS.	_____	_____
EE. HEAD LIGHTS, CLEARANCE LIGHTS, SMART MESSAGE CENTER (SMC), RESET SWITCH, FAN CLUTCH OVERRIDE SWITCH AND DIMMER SWITCH.	_____	_____
FF. POWER STEERING.	_____	_____
GG. DUAL STEERING W DUAL AIR SEATS	_____	_____
HH. IMRON PAINT OR EQUAL.	_____	_____

Colquitt County Automated Side Loader Refuse Collection Truck Body

WARRANTIES

	YES	OR	NO
I. FIVE YEAR OR 300,000 MILE WARRANTY MINIMUM ON ENGINE, TURBO, WATER PUMP, INJECTORS, AND AFTER TREATMENT SYSTEM.	_____		_____
II. FIVE YEAR / UNLIMITED MILES WARRANTY ON TRANSMISSION.	_____		_____
III. THREE YEAR WARRANTY ON AIR CONDITIONING AND HEATER.	_____		_____
IV. FIVE YEAR WARRANTY ON TRUCK FRAME.	_____		_____
V. FIVE YEAR WARRANTY ON CAB & 3 YEAR TOWING	_____		_____

MANUALS

COMPLETE AND ACCURATE COPIES OF THE FOLLOWING ITEMS FOR THE CAB AND CHASSIS AND COMPACTION BODY SHALL BE FURNISHED AT THE TIME OF DELIVERY OF THE UNIT, AT NO ADDITIONAL COST TO COLQUITT COUNTY. ALL INFORMATION IS TO BE DELIVERED WITH TRUCK. DESCRIPTION AND TOTAL COPIES ARE AS FOLLOWS:

i. OPERATORS INSTRUCTION MANUAL – 1 COPY	_____		_____
ii. LUBRICATION INSTRUCTIONS – 1 COPY	_____		_____
iii. SHOP MAINTENANCE MANUALS – 1 COPY	_____		_____
iv. ILLUSTRATED PARTS MANUALS – 1 COPY	_____		_____
v. AIR PIPING DIAGRAMS AS FURNISHED - 1 COPY	_____		_____
vi. HYDRAULIC DIAGRAMS AS FURNISHED – 1COPY	_____		_____
vii. CHASSIS LINE ITEMS SHEET – 1 COPY	_____		_____
viii. ELECTRICAL SCHEMATICS & SINGLE LINE DRAWINGS – 1 COPY	_____		_____
ix. TROUBLE SHOOTING CD FOR DIAGNOSTICS – 1 COPY	_____		_____
x. COMPLETE 1ST SERVICE KIT: OIL, AIR, FUEL FILTERS INCLUDED	_____		_____

TRAINING

VENDOR SHALL PROVIDE, AT NO ADDITIONAL COST, A QUALIFIED INSTRUCTOR(S) TO CONDUCT TRAINING CLASSES FOR UP TO (4) HOURS OF INSTRUCTION ON THE BODY AND CHASSIS FOR THE FLEET MAINTENANCE & SANITATION OPERATORS. SUCH TRAINING SHALL BE CONDUCTED AT THE COUNTY SHOP AND ON THE COUNTY ROUTES.

Colquitt County Automated Side Loader Refuse Collection Truck Body

Exceptions to Chassis Specifications

Line #

Explanation

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

Colquitt County Automated Side Loader Refuse Collection Truck Body COLQUITT COUNTY BID SHEET

New 66,000 GVWR TRUCK CHASSIS

- 1. NEW GARBAGE TRUCK CHASSIS \$ _____
 - 2. CASH BID PRICE FOR ABOVE SPECIFICATIONS-UNITS \$ _____
 - 3. LESS: DISCOUNTS DUE COUNTY GOVERNMENTS \$ _____
 - 4. **PRICE COLQUITT COUNTY IS PAYING PER UNIT.** \$ _____
 - 5. LESS: GUARANTEED BUY BACK AT THE END OF TWO (2) YEARS \$ _____
- (COLQUITT COUNTY RESERVES THE RIGHT TO ACCEPT OR REJECT THIS PRICE AT THE END OF YEARS OR HOURS.)
- 6. **TOTAL COST AFTER BUY BACK PROGRAM** \$ _____

COLQUITT COUNTY WILL PAY ONLY THE AMOUNT SHOWN ON LINE FOUR (4).

LIST OTHER STANDARD EQUIPMENT TO BE INCLUDED IN BID PRICE:

STATE AND EXPLAIN WARRANTY TO BE INCLUDED IN BID PRICE:

STATE IDENTITY OF EQUIPMENT ON WHICH BID IS SUBMITTED:

EARLIEST DELIVERY DATE: _____

LATEST DELIVERY DATE: _____

AUTHORIZED PERSON (PRINT OR TYPE)

SIGNATURE

COMPANY NAME

ADDRESS

TELEPHONE NUMBER

DATE

Colquitt County Automated Side Loader Refuse Collection Truck Body COLQUITT COUNTY BID SHEET

New 66,000 GVWR TRUCK CHASSIS

- | | |
|--|-----------------|
| 1. NEW GARBAGE TRUCK CHASSIS | \$ _____ |
| 2. CASH BID PRICE FOR ABOVE SPECIFICATIONS-UNITS | \$ _____ |
| 3. LESS: DISCOUNTS DUE COUNTY GOVERNMENTS | \$ _____ |
| 4. PRICE COLQUITT COUNTY IS PAYING PER UNIT. | \$ _____ |
| 5. LESS: GUARANTEED BUY BACK AT THE END
OF THREE (3) YEARS | \$ _____ |
| <small>(COLQUITT COUNTY RESERVES THE RIGHT TO ACCEPT OR
REJECT THIS PRICE AT THE END OF YEARS OR HOURS.)</small> | |
| 6. TOTAL COST AFTER BUY BACK PROGRAM | \$ _____ |

COLQUITT COUNTY WILL PAY ONLY THE AMOUNT SHOWN ON LINE FOUR (4).

LIST OTHER STANDARD EQUIPMENT TO BE INCLUDED IN BID PRICE:

STATE AND EXPLAIN WARRANTY TO BE INCLUDED IN BID PRICE:

STATE IDENTITY OF EQUIPMENT ON WHICH BID IS SUBMITTED:

EARLIEST DELIVERY DATE: _____

LATEST DELIVERY DATE: _____

AUTHORIZED PERSON (PRINT OR TYPE)

SIGNATURE

COMPANY NAME

ADDRESS

TELEPHONE NUMBER

DATE