Request for Proposal (RFP)
RFP #COK 25-026
Automated Side Load Refuse Truck with Cab & Chassis

Issued by:
City of Kingsland, Georgia

Proposals must be submitted
No later than
2:00PM on Tuesday, August 19, 2025

To:
City of Kingsland

Mailing Address
City of Kingsland
Finance Department
Attn: Hannah Smith, Purchasing Agent
P.O. Box 250
Kingsland, Georgia 31548

Delivery Address
City of Kingsland
Finance Department
Attn: Hannah Smith, Purchasing Agent
105 West William Avenue
Kingsland, Georgia 31548

LATE PROPOSALS WILL BE REJECTED

Issued: 7/17/2025

PURPOSE:

The City of Kingsland is soliciting proposals to purchase an Automated Side Load Refuse Truck with Cab and Chassis. It is important for the City to be able to procure such items from qualified contractors who have the integrity and reliability that will assure good faith performance.

INVITATION:

You are hereby invited to submit a sealed proposal by providing all information requested in the attached "Specifications" to the Finance Department to either address listed below:

Mailing Address:
City of Kingsland
Finance Department
Attn: Hannah Smith, Purchasing Agent
P.O. Box 250
Kingsland, Georgia 31548

Delivery Address:
City of Kingsland
Finance Department
Attn: Hannah Smith, Purchasing Agent
105 West William Avenue
Kingsland, Georgia 31548
hsmith@kingslandgeorgia.com

PROPOSAL SUBMISSION PROCESS:

All proposals shall be submitted in a sealed envelope. The Request for Proposal (RFP) number, title, opening date and name of bidder shall be clearly displayed on the outside of the sealed envelope. The delivery of said proposal to the prescribed delivery point on or before the specified opening date and time is solely and strictly the responsibility of the Proposer. Any proposal received at the prescribed delivery point after the specified date and time will **NOT** be accepted. Proposals must be submitted as prescribed by the City. No Proposal may be modified after opening.

All Responders shall submit one (1) original and one (1) copy of their documents in a **SEALED** envelope to either of the addresses listed above no later than **Tuesday, August 19, 2025 at 2:00 PM**. Any proposal received after the time and date specified will NOT be considered.

Specifications for Automated Side Loader Refuse Truck

Automated Side Loader Refuse Compactor
July 2025

INTENT:

These specifications describe a refuse collection body equipped with a mechanical device designed to handle a variety of plastic refuse containers [or specify sizes and types of containers to be handled]. The body shall be capable of compacting and transporting refuse to a landfill or transfer station and unloading the load by means of hydraulically raising the tailgate and then ejecting the refuse.

GENERAL TERMS:

All equipment furnished under this contract shall be new, unused and the same as the manufacturer's current production model. Accessories not specifically mentioned herein, but necessary to furnish a complete unit ready for use, shall also be included. Unit shall conform to the best practice known to the body trade in design, quality of material and workmanship. Assemblies and component parts shall be standard and interchangeable throughout the entire quantity of the units as specified in this invitation to bid. The equipment furnished shall conform to current ANSI Safety Standard Z 245.1

The bidder shall complete every space in the Bidders Proposal column with a check mark to indicate if the item being bid is exactly as specified. If any check marks are placed in the "NO" column, a detailed and complete description of the deviation from specification must be supplied on a separate sheet labeled, "Deviations from Specifications".

		Exactly as Specified		
		Yes	**No**	**Offered**
1.0 BODY AND CAPACITY AND DIMENSIONS				
1.1	The body shall be brake-form radiused "Chiseled" rounded to permit a maximum capacity. Flat sides are unacceptable.			
1.2	The minimum capacity of the body including tailgate shall be, excluding hopper area: **27 to 31 cu yd.**			
1.3	The hopper capacity shall be 4 cu. yd.			

		Exactly as Specified		
		Yes	**No**	**Offered**
1.4	The inside hopper width at front shall be 70”			
1.5	The inside body width at rear shall be 90”			
1.6	The outside body width shall be 96” (Across rear post)			
1.7	The outside body width shall be 98” (Fenders)			
1.8	The outside body width shall be 101” (Hose guns)			
1.9	The outside body height above chassis frame shall be 98”			
1.10	The inside body height shall be 89.81”			
1.11	The overall body length including hopper shall be: 20 cu. yd. Capacity Body- 210” 24 cu. yd. Capacity Body- 234” 27 cu. yd. Capacity Body- 258” 31 cu. yd. Capacity Body- 282”			
1.12	The overall body length including the hopper and lift arm shall be: 20 cu. yd. Capacity Body- 230” 24 cu. yd. Capacity Body- 254” 27 cu. yd. Capacity Body- 278” 31 cu. yd. Capacity Body- 302”			
2.0 BODY CONSTRUCTION				
2.1	The body shall have a brake- formed radius design.			
2.2	The body floor shall be flat. Troughs are acceptable.			
2.3	The body floor thickness shall be 7 ga ASTM A-715 GR 50, also available in 3/16” Brinell minimum of 450, 180,000 PSI option.			
2.4	The body long sills shall be 6” @ 10.5 ib/ft structural channel.			
2.5	The body floor reinforcements shall be 1/4 “ ASTM A-715 GR 50 formed steel members.			
2.6	The body sides and roof shall have a brake-formed radius design providing superior structural strength to weight ratio.			
2.7	The body sides shall be formed from one- piece panel with no vertical weld seams.			
2.8	The body sides and roof steel grade shall be 10 ga ASTM A-715 GR 80.			

		Exactly as Specified		
		Yes	**No**	**Offered**
2.9	Front perimeter of the body will incorporate a formed angle 4- 7/8" x 3-7/8 x 10 ga ASTM A-715 GR 80 internal bolster.			
2.10	Rear perimeter of the body will incorporate an external 4" x 3-1/2" 7 ga ASTM A-715 GR 50 formed bolster.			
2.11	A 10ga ASTM A715 GR 80 6" x 2-7/8" external crown rail shall form the transition from the single piece side sheet to the roof of the body.			
2.12	Roof reinforcement shall incorporate a full length 4"x 2"x ¼ ASTM A500 GR b rectangle tube.			
2.13	The body slides shall incorporate a full-length steel fender rub rail covering all rear wheels.			
2.14	Steel fender rub rail thickness shall be 10 ga ASTM A-715 GR 80 with trapezoidal gussets every 36" maximum structural rigidity.			
2.15	The body shall include a bolt-on rear under ride guard as standard equipment to meet Federal Motor Carrier Safety Regulation (49CFR393.86) Safety Reg., 49CFR393.86, TTMA RP No 41-02, and SAE J682, Oct84.			
3.0 HOPPER CONSTRUCTION				
3.1	The hopper shall have a minimum static capacity of 4 cubic yards under capacity.			
3.2	The hopper shall have a minimum dynamic capacity (displacement rate) of 10.5 cubic yards per minute.			
3.3	The hopper floor shall be flat and shall extend into the body an additional 38".			
3.4	The hopper floor steel grade shall be ¼" Brinell minimum of 450, 180,000 PSI, also available in 3/8" Brinell minimum of 450, 180,000 PSI option. 3/8" preferred.			
3.5	The hopper side walls steel grade shall be 3/16" Brinell minimum of 450, 180,000 PSI, also available in 1/4" Brinell minimum of 450, 180,000 PSI option. ¼" preferred.			
3.6	A hopper access door shall be provided above the packing panel on the street-side of the body to permit access into the hopper area.			

		Exactly as Specified		
		Yes	**No**	**Offered**
3.7	The hopper access door shall be equipped with a safety interlock switch to disable all functions if the access door is opened.			
3.8	The hopper access door dimensions shall be: 28” x 32” thickness shall be 11 ga ASTM A-715 GR 50.			
3.9	A hopper ladder with grab handles shall be located on the street- side of the hopper.			
3.10	The hopper ladder shall be bolted on to the hopper.			
3.11	The ladder must have an OSHA Standard 7’ toe spacing between the ladder rung and the side of the hopper.			
3.12	A transverse sump shall extend the full width of the front hopper.			
3.13	Two (2) 14”x 20” sealed sump access doors equipped with handles and quick acting over center toggle latches shall facilitate clean out of the sump.			
3.14	A clean- out tool option shall be provided to facilitate easy removal of any accumulated debris from the hopper sump area.			
3.15	A holder shall be provided on the body side to secure the clean-out tool in a stored position.			
3.16	The hopper shall have optional plastic gull wing hopper covers to enclose the hopper during transport.			
3.17	The hopper cover shall be opened/ closed by a single manual control lever located on the right-hand side of the body. An operated option is also available.			
3.18	The hopper cover must have an interlock eliminating the ability to dump a container if the hopper cover is closed.			
3.19	Interior hopper to body transition welds shall be covered with “hard face” to prevent wear through.			
4.0 PACKING MECHANISM				
4.1	The packing panel shall be 33” high x 70” wide			
4.2	A single, centrally mounted pack cylinder shall generate 83,000 lbs of packing force.			
4.3	The packer shall be a platen type design, integral with body.			
4.4	The packing panel shall complete a pack cycle in a maximum of 15 seconds @ 1400 RPM.			

		Exactly as Specified		
		Yes	**No**	**Offered**
4.5	Packing panel top thickness shall be 1/4" ASTM A-715 GR 50			
4.6	Packing panel face plate thickness shall be 3/8" ASTM A-715 GR 50			
4.7	Packing panel shall be reinforced with a combination of structural members for maximum rigidity.			
4.8	The packing panel shall be guided by a single self-cleaning "T" rail located in the center of the body.			
4.9	"T" Rail dimensions shall be: ½" x 13 ¼" and be fabricated from ½", Brinell minimum of 450, 180,000 PSI ultra- high strength, abrasion resistant steel plate.			
4.10	Packing panel wear shoes thickness shall be ¼" Brinell minimum of 450, 180,000 PSI			
4.11	The packing mechanism shall use a single, double- acting telescopic cylinder will be supported by self-aligning bearings on each end. These will be 3-stage for 16,20,24, and 27- yard units.			
4.12	Cylinder shall be centrally mounted about the hopper floor.			
4.13	Cylinder bore diameter shall be 6 ½"			
4.14	The cylinder sleeves shall be chrome plated.			
4.15	The first stage of the cylinder shall have a 64" stroke.			
4.16	The cylinder full eject stroke shall be: 20 cu. yd. Capacity body- 3 stage with a stroke of 133.50" 24 cu. yd. Capacity body- 3 stage with a stroke of 157.50" 27 cu. yd. Capacity body- 3 stage with a stroke of 181.50" 31 cu. yd. Capacity body- 4 stage with a stroke of 205.50"			
4.17	Maximum operation pressure shall be 2500 PSI			
4.18	Inside width of packing panel shall be 70"			
4.19	Inside height of packing panel shall be 33"			
4.20	The automatic packing cycle stroke shall be 52"			
4.21	Packing panel swept volume be 4 cu. yd.			
5.0 EJECT- PUSH OUT: TILT OR FULL PUSHOUT				

		Exactly as Specified		
		Yes	**No**	**Offered**
5.1	The pack/eject panel shall be capable of ejecting the full load in less than 30 seconds.			
5.2	All eject controls shall be operated from inside the cab.			
5.3	The pack/eject panel shall not be capable of extending into the body with the tailgate closed.			
5.4	A lockout system shall be supplied to allow the ejector panel to enter the ejection mode only with the tailgate is in the open position.			
6.0 TAILGATE				
6.1	The tailgate shall be hydraulically operated, top hinged bustle type.			
6.2	The tailgate shall automatically lock and unlock without the use of additional locking cylinders, cables or manual turnbuckles.			
6.3	The tailgate locking mechanism shall utilize a progressive inverted cam roller design.			
6.4	Tailgate thickness shall be 10 ga ASTM A-715 GR 80.			
6.5	The tailgate latch roller shall be fully supported by a horizontal bolster around the lower perimeter of the tailgate.			
6.6	The tailgate shall be operated by 2 cylinders			
6.7	Tailgate cylinders shall be chrome plated rod with 1 1/2” diameter and 3” bore diameter.			
6.8	Tailgate cylinder stroke shall be 36-1/2”			
6.9	Tailgate cycle time at idle shall be 30 sec			
6.10	The tailgate side sheets will have an integral rolled flange that overlaps the perimeter of the rear tailgate sheet			
6.11	A rubber seal shall be installed on the tailgate and extend across the entire bottom and vertically up each side a minimum of 24”.			
6.12	A cab mounted light and audible alarm shall be provided to indicate that the tailgate is unlocked.			
6.13	Tailgate switch shall be installed in the cab and feature a delayed action to guard against accidental activation.			
6.14	Self- contained horizontal tailgate maintenance safety props shall be provided.			

		Exactly as Specified		
		Yes	**No**	**Offered**
6.15	The tailgate shall have a wire harness with Deutsch IP 69K connectors between the body and the tailgate to isolate the tailgate wiring from the body.			
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7.0 AUTOMATED LIFTING MECHANISM				
7.1	The Lifting Arm mechanism shall be capable of operating simultaneously during any phase of packing operations with full force and flow.			
7.2	Lift arm shall be mounted directly to the chassis frame rail. Tip to Dump units with the lift arm mounted to the body are not acceptable.			
7.3	The lift arm lower base weldment shall straddle both chassis frame rails and be secured to its mounting brackets with four 1” grade eight bolts.			
7.4	The lower base weldment shall be fully constructed of ¼” ASTM A715 GR 50 steel.			
7.5	The Lifting Arm mechanism must have a lifting capacity of 2,000 pounds at full extension. Lifting capacities less than 2,000 pounds are unacceptable.			
7.6	The Lifting Arm mechanism must be within the 96” road limit in the travel position with the grippers in the full lowered position.			
7.7	No portion of the lift mechanism shall have less than 13 inches of ground clearance in the stowed position.			
7.8	Lift Arm extension from the side of the body must be horizontal in a linear fashion. No swinging or arching of the lift arm is permitted.			
7.9	Lift Arm mechanism shall have a reach of 84” from the side of the body to the centerline of a 90-gallon container.			
7.10	Lift Arm mechanism shall be capable of grasping a container located 6” from the side of the body.			
7.11	Vertical dump height shall not exceed 120” above truck frame while dumping a 90-gallon container.			

		Exactly as Specified		
		Yes	**No**	**Offered**
7.12	Container dump angle shall be a minimum of 45 degrees to insure complete dumping of container's contents.			
7.13	Lifting mechanism shall be capable of a complete cycle, which includes Grip-Lift-Dump-Un-dump-Lower and Un-grip in a maximum of 8 seconds.			
7.14	The Lifting Arm must be constructed utilizing an Inner and Outer Arm assembly.			
7.15	The Outer Arm assembly shall be a fabricated rectangular box constructed of ASTM-A-500 Grade B.			
7.16	The Inner Arm assembly shall be fabricated rectangular box constructed of ASTM-A-500 Grade B.			
7.17	The inner arm assembly shall include 3/8" Brinell minimum of 400, 180,000 PSI roller bearing tracks.			
7.18	The inner arm assembly shall glide in and out on five (5) 4" dia. steel roller bearings.			
7.19	Roller bearings shall rotate on adjustable eccentric shafts to compensate for wear and maintain the grippers parallel with the ground.			
7.20	Inner and Outer Arm pivot pins shall be 2" C1045 turn ground, heat-treated and polished pins held with 2" self-aligning spherical bearings.			
7.21	Five (5) solid-state proximity switches shall be used as input sensors for the PLC for proper arm sequencing.			
7.22	Lift Arm must have a safety interlock to restrict dumping unless the container is positioned over the hopper opening.			
7.23	Lift Arm hydraulics shall be controlled by 4 sections of a 6-spool sectional valve equipped with air actuators for spool positioning.			
7.24	The Lifting Arm must utilize four (4) hydraulic cylinders.			
7.25	Cylinders shall include: Reach (In-Out) 2" bore x 66" stroke Lift (Arm Up-Down) 2 ½" bore x 26" stroke			

		Exactly as Specified		
		Yes	**No**	**Offered**
	Dump (Cart Dump/Un-dump) 2 ½" bore x 10" stroke Grab (Grip/Release) 2 ½" bore x 8 ½" stroke			
7.26	Standard joystick lift function controls shall be electric over air over hydraulic type with an on-off rocker switch for the control of the gripper located on the top of joystick.			
7.27	No air lines shall be routed into the cab from the body.			
7.28	Joystick shall be conveniently located to the left of the operator.			
7.29	An ergonomically designed padded armrest shall be provided to support the operator's arm during joystick operation.			
7.30	Two (2) additional control options shall be provided for the operator.			
7.31	Additional controls shall consist of a three (3) rocker switch console located on the right-hand window sill to allow activation by the operator's right hand and a three (3) rocker switch console with dead-man control located at the side of the operator's seat to be activated if the operator is standing outside of the cab.			
7.32	An Automated Dump Cycle "Coordinator" option shall be provided.			
7.33	"Coordinator" shall allow the operator to manually reach and grip a container, pulling back on the joystick shall cause the container to be raised, dumped, returned to the side of the vehicle, ungripped and the arm returned to the stowed/home position.			
7.34	The lifting mechanism will be painted DuPont 6561EX, Safety Yellow.			
8.0 GRIPPERS: UNIVERSAL GRIPPERS				
8.1	The gripper shall be capable of grasping and dumping containers with capacities from 40-450 gallons without the need to change grippers.			

		Exactly as Specified		
		Yes	**No**	**Offered**
8.2	The grippers shall exert an appropriate radial force on each size container to firmly grip the container without dropping, damaging or contorting. This force shall be controlled by a rocker switch on the control box.			
9.0 CONTROLS				
9.1	An easily accessible control panel shall be provided in the cab with AMP connectors.			
9.2	The control panel must be a programmable logic system "PLC" with software adjustability.			
9.3	The control panel must display diagnostic information in Alpha-numeric (written word readout) format.			
9.4	Control panel must provide a diagnostic display for each input and output signal.			
9.5	The PLC must include the following safety options, complete with audible and visual warnings: Hydraulic Filter By-Pass Warning – Shut Down System Low Oil Warning – Shut Down System High Temperature Hydraulic Fluid Warning – Shut Down System			
9.6	The PLC display must include the following unit history data: • Hour Meter for pump operation / PTO engagement. • Permanent counters for pack, eject and arm cycles. • Resettable counters for pack and arm cycles.			
9.7	The control panel must include both an ON/OFF rocker switch for system function AND an Emergency STOP button.			
9.8	The control panel shall utilize rocker switches for all controls.			
9.9	The control panel shall provide guarded switches to raise/lower tailgate and to raise/lower body.			

		Exactly as Specified		
		Yes	**No**	**Offered**
9.10	The control panel shall include visual and audible warnings for: • Tailgate Open/Unlocked • Arm/Gripper Extended • Body Raised			
9.11	The control panel must provide operator selectable packing controls.			
9.12	Operator selectable packing controls shall consist of: • Manual – Requires Operator to control packing cycle. • Cycle 1 – Automatically activates one complete packing cycle after one container is dumped. • Cycle 2 – Automatically activates one complete packing cycle after two containers are dumped. • 2X – Automatically activates two complete packing cycles after one container is dumped. • 3X – Automatically activates three complete packing cycles after one container is dumped.			
9.13	The control panel shall include a red “Power Packing” indicator light to illuminate when the packer is in maximum compaction power mode.			
10.0 HYDRAULIC SYSTEM				
10.1	1. A tandem, high performance, balanced vane pump shall be utilized.			
10.2	1. The hydraulic pump shall be driven by chassis transmission PTO or direct mounted off engine crankshaft **[specify]**			
10.3	1. The tandem pump shall be equipped with flow limiting valves rated at 22 GPM for the lift arm			

		Exactly as Specified		
		Yes	**No**	**Offered**
	mechanism and 55 max GPM for the packing panel.			
10.4	1. The hydraulic system shall include hydraulic over-speed protection to limit the maximum pump output at all engine RPM ranges.			
10.5	Hydraulic reservoir shall be a minimum capacity of 80-gallon for maximum cooling efficiency			
10.6	Hydraulic reservoir shall be equipped with a fluid level sight glass and low-level indicator.			
10.7	Hydraulic reservoir shall be equipped with a fluid level sight glass.			
10.8	Hydraulic reservoir shall be equipped with a temperature gauge.			
10.9	Hydraulic reservoir shall be located street side adjacent to hopper and sufficiently above the pump inlet to assure optimum inlet conditioned without the need for augmented tank pressurization.			
10.10	The hydraulic system shall incorporate a full flow 10-micron absolute in-tank return line filter with replaceable element.			
10.11	All hydraulic fittings shall be JIC or O-Ring Boss.			
10.12	All hydraulic components shall be adequately sized and designed to maintain appropriate hydraulic oil temperature.			
10.13	Maximum hydraulic system pressure for the lift arm and pack circuits shall be 2500 psi.			
10.14	Optional pump is available to provide arm operation at engine idle speed, RPM not to exceed 800.			
10.15	Operational control is available to reduce the speed of the arm in required operational situation.			
10.16	A self-contained forced air to oil cooler shall be provided to ensure hydraulic oil temperature is regulated in high ambient temperatures.			
11.0 LIGHTS				

		Exactly as Specified		
		Yes	**No**	**Offered**
11.1	Standard lights shall be provided in accordance with FMVSS#108.			
11.2	An upper bolt on light bar shall be provided.			
11.3	Upper light bar shall contain two (2) of each 4” diameter stop/tail/turn lights and 2” diameter clearance and side marker lights.			
11.4	Lower light bar shall contain two (2) of each 4” diameter stop/tail/turn AND reverse lights.			
11.5	All lights shall be sealed, Lexan covers and have flexible gasket mounting.			
11.6	Mid-body turn signals shall be provided.			
11.7	Two (2) optional work lights shall be provided, operated by a single rocker switch on the in-cab control panel, one (1) light shall illuminate the hopper and one (1) light shall illuminate the lift arm area.			
12.0 ELECTRICAL				
12.1	All electrical wiring shall be in protective looms.			
12.2	All wiring harnesses shall be Deutsch automotive type connectors meeting IP67 waterproof specification.			
12.3	The electrical system shall not have junction boxes or terminations that do not use the IP67 specification connectors.			
12.4	All circuits shall be properly fused and wiring shall be color coded and numbered. Backup & Hopper camera required.			
13.0 PAINTING				
13.1	The entire unit shall be properly cleaned of all dirt, grease and weld slag prior to painting.			
13.2	The complete unit shall be painted with DuPont Imron 5000 high solids to a minimum of 4 mils.			
13.3	The body shall be painted one color **(White)**			
14.0 MANUALS				
14.1	One complete set of operators, parts and service manuals to be supplied for each refuse packer.			
15.0 WARRANTY				

		Exactly as Specified		
		Yes	**No**	**Offered**
15.1	The bidder shall offer a (5) year warranty against defective material or workmanship of the following items: • arm saddle • inner boom • outer boom • gripper support • proximity sensors • smart switches • I/O modules • master controllers • control displays • joystick • control boxes • body walls, roof and floor (Must have optional floor and wall liner kit installed for 5-year warranty consideration) Defaults to 1 year if not installed • hopper walls and floor (Must have optional floor liner kit installed for 5-year warranty consideration) Defaults to 1 year if not installed • pack panel (Must have optional nose and face liner kits installed for 5-year warranty consideration) Defaults to 1 year if not installed • tailgate			

Specifications for Cab and Chassis:

Bidders must check all line items under the columns marked – "Comply or Alternate." Alternates to the following specifications must be explained in detail. Alternates must be detailed on a separate page and referenced to the appropriate section number. Failure to furnish this information may be cause for rejection of the bid. Manufacturers' brochures will not suffice.

	Comply
1.0 VEHICLE CONFIGURATION	
1.1 Low Cab Forward Truck	
1.2 RH drive only	
1.3 Unit must be manufactured in the USA	
2.0 TRUCK SERVICE	
2.1 Refuse	
2.2 Side Loader	
2.3 Chassis bidder responsible for working with winning body bidder to ensure compatibility	
3.0 ENGINE	
3.1 CUMMINS ISL-350hp @ 2100 RPM/1150 FT-LBS-Preferred	
3.2 Ultra Low sulfur Diesel fuel	
4.0 ENGINE EQUIPMENT	
4.1 50 State certified diesel engine	
4.2 ENGINE ELECTRONICS---Cummins Diesel	
4.3 ENGINE IDLE SHUTDOWN---Engine idle shutdown enabled—5 minutes	
4.4 ENGINE PROTECT SYSTEM/WARNINGS---Audible/visual alarm: LOP.HT, LWL	
4.5 FILTER-FUEL, - fuel/water separator with heat	
4.6 ENGINE OIL SAMPLING PORT	
4.7 ENGINE BLOCK HEATER---Phillips 120V 1000 Watt 4.8 HEATER RECEPTACLE LOCATION---Receptacle located at cab steps, RH side 4.9 FAN & DRIVE – ENGINE---Fan clutch, 2 speed 4.10 RADIATOR – 1300 sq. in. single radiator w/Extended life coolant	
4.11 AIR CLEANER---15" air cleaner	
4.12 MUFFLER SYSTEM---Horizontal DPF w/ LH Vertical stack	
4.13 EXHAUST SHIELDS---DPF & SCR shields	
4.14 EXHAUST STACKS---on LH side w/vertical diffuser, single stainless steel, must not completely block rear window for visibility	
4.15 ENGINE/EXHAUST COVER---aluminum turbo/exhaust pipe debris shield	

		Comply
4.16	AIR COMPRESSOR---Cummins Wabco 18.7 cfm compressor	
4.17	ALTERNATOR---Delco Remy 12V 130 amp 22SI	
4.18	BATTERY---(3) Johnson Control 31ECL 12V 2850CCA	
4.19	STARTING MOTOR---Delco Remy 12V 39MT W/OCP	
4.20	RH mounted Urea tank-- 10 gallon	
5.0	**TRANSMISSION**	
5.1	VOCATION---RDS Refuse—VOC 400-XXX	
5.2	CONTROL MODULE---Basic refuse GRP105, VP142	
5.3	TRANSMISSION---Allison 4500 Series, 6-speed	
5.4	COOLER-TRANSMISSION OIL---oil to water type	
5.5	TRANSMISSION LUBRICANT---Transynd synthetic auto trans fluid	
5.6	DRIVESHAFT-MAIN---Spicer 1760HD half round	
5.7	Parker 897 PTO transmission mtd PTO factory installed	
5.8	Transmission oil sample port mounted on bracket required	
6.0	**FRONT AXLE AND EQUIPMENT**	
6.1	FRONT AXLE---Steer Axle, 20,000 # capacity w/45 degree wheelcut min	
6.2	FRONT SUSPENSION---20,800 springs.	
6.3	SHOCK ABSORBERS FRONT---Double acting single—heavy duty	
6.4	POWER STERRING RESERVOIR---Four quart remote mounted	
7.0	**REAR AXLE AND EQUIPMENT**	
7.1	REAR DRIVE AXLE—--Tandem Arvin Meritor RT46-160, 5.63 ratio	
7.2	REAR SUSPENSION---Hendrickson HMX-460, 46,000 haulmax, no exceptions	
7.3	Inter axle lock as well as Four Wheel differential Lock to be provided	
8.0	**BRAKE SYSTEM**	
8.1	BRAKE CONTROL SYSTEM---Bendix ABS	
8.2	BRAKES-FOUNDATION, FRONT AXLE---Arvin Meritor 16x6 QP	
8.3	BRAKE, SLACK ADJUSTER—Arvin Meritor, Automatic	
8.4	DUST SHIELDS---Front and Rear brakes	
8.5	BRAKES-FOUNDATION, RR AXLE---Arvin Meritor 16.5x7 Q Plus	
8.6	BRAKE CHAMBERS-PARKING---Cam type MGM Stop guard	
9.0	**CHASSIS**	
9.1	WHEELBASE—221 or as as needed for tank and body installation	
9.2	FRAME RAILS---10.76” x3.50” x0.375”	
9.3	FRAME REINFORCEMENT---1/4” liner	
9.4	SECTION MODULUS---35.17	
9.5	RBM RATING---4.2 million	
9.6	FRAME BOLTS---Huckspin RR Susp and cross members	
9.7	FUEL TANK-Min 75 gallon Diesel mounting must be approved by the City	

	Comply
9.8 TOWING DEVICE-FRONT---Two removable tow pins	
9.9 AIR DRYER---Bendix ADIP w/heat	
9.10 WET TANK DRAIN---Bendix DV-2 Automatic with heater	
9.11 AIR RESERVOIR DRAIN SYSTEM---Central air drain manifold	
9.12 BATTERY SHUT OFF SWITCH---Battery shutoff w/lockout	
9.13 WIRING, BODY INTERFACE---BODYBUILDER JUNCTION BOX @ BOC	
10.0 CAB EXTERIOR	
10.1 CAB MATERIAL---Two sided galvanized steel—entire cab	
10.2 CAB SIZE---120 Cubic feet interior room, with base of windshield to back of cab measurement of 58” min required	
10.3 CAB VISIBILTY--FRONT---Wrap around windshield design	
10.4 CAB VISIBILITY---REAR---Must have rear window and Rear corner windows—required for operational visibility	
10.5 DOOR HINGES---Provide fully adjustable door hinge, internally mounted ---not exposed to external elements	
10.6 STEP-CAB ACCESS-- self cleaning entrance steps	
10.7 CAB DOORS---Steel	
10.8 POWER WINDOWS---dual electric windows-Option	
10.9 MIRRORS---Dual MOTO, west coast, heated, LH & RH power control, bright finish	
10.10 MIRROR ARMS---Retractable arms—stainless steel	
10.11 MIRRORS—AUXILIARY---Two 8” convex, one above, one below, each side	
10.12 GRAB HANDLES---Dual S/S grab handles	
10.13 HORN—AIR---Twin mounted under cab	
10.14 CAB TILT MECHANISM---Hydraulic tilt with air assist—minimum of 60-degree cab-tilt angle—required for serviceability	
11.0 CAB INTERIOR	
11.1 STEERING- RH steer only factory installed tilt steering	
11.2 SEATS- Air ride National Cushion II low back w/Cordura cover	
11.3 CLIMATE CONTROL---Air conditioning integral with heater/defroster.	
12.0 GAUGES & INSTRUMENTATION	
12.1 ELECTRONIC TACHOMETER W/HOUR METER	
12.2 ELECTRONIC VOLTMETER	
12.3 ELECTRONIC ENGINE OIL PRESSURE GAUGE	
12.4 Must provide dash mounted diagnostic indicator capable of reading and displaying engine and ABS fault codes, as well as displaying real time DPF soot levels	
12.5 ELECTRONIC FUEL LEVEL GAUGE	
12.6 ELECTRONIC ENGINE COOLANT TEMP GAUGE	

	Comply
13.0 LIGHTING	
13.1 LAMPS-TURN SIGNAL, FRONT---LED front turn signals	
13.2 LAMPS-MARKER---Amber LED roof markers	
13.3 LAMPS-PARKING---Corner marker lamp wired to battery shut off	
13.4 LAMPS-RUNNING---Daytime without park brake de-activation	
13.5 CIRCUIT PROTECTION DEVICE---Auto circuit breakers	
14.0 RADIO/MISC	
14.1 KEY AND LOCK SETS---2 additional keys per truck—4 total	
14.2 RADIO---AM/FM radio, roof mtd. With 2 dual cone speakers	
14.3 FIRE EXTINGUISHER-- Dry type ABC 5lb. cap. Mtd in cab under driver's seat	
15.0 FRONT TIRES/ WHEELENDS	
15.1 HUB CAPS---CR Zytel hubcap	
15.2 WHEEL OIL SEALS---Scotseal Plus XL—front and rear	
15.3 HUBS FRONT---Steel hub piloted, 285MM bolt circle	
15.4 WHEELS-DISC-FRONT---22.5 x9.0 steel	
15.5 TIRE SIZE 7 LOAD RANGE-FRONT---315/80R22.5 L-20PR tubeless type radial	
15.6 TIRE MANUFACTURER& TREAD-FRONT---Goodyear G289 or approved equal—rated to 10K	
16.0 REAR TIRES/ WHEELENDS	
16.1 HUBS-REAR---Iron hub, HP 10 stud	
16.2 WHEELS, DISC-REAR---22.5 x 8.25 Steel	
16.3 TIRE SIZE & LOAD RANGE---11R22.5 16 ply	
16.4 TIRE MANUFACTURER AND TREAD-REAR---Goodyear G182 or approved equal	
17.0 PAINT	
17.1 SINGLE COLOR PAINT to City's color specification-White	
18.0 ADDITIONAL OPTIONS	
18.1 CHASSIS WARRANTY---Min 1 year complete cab & chassis	
18.2 TRANSMISSION WARRANTY---Allison 5 year Edge warranty	
18.3 Engine warranty—2yr base engine warranty	
18.4 ENGINE EXTENDED WARRANTY---5 yrs/150,000 miles to include turbo and injectors and after treatment	
19.0 MANEUVERABILITY	
- Bidder must include turning radius of truck as specified---REQUIRED	

AWARD:

The contract to purchase will be awarded to the most responsible, responsive bidder whose submission, conforming to the solicitation, will be most advantageous to the City of Kingsland price and other factors considered, such as quality of equipment conformity of the specifications and warranty. Any proposer who is in default to the City of Kingsland at the time of submittal of the proposal shall have that proposal rejected. The City of Kingsland reserves the right to clarify any terms with the concurrence of the Vendor; however, any substantial non conformity in the offer, as determined by the City of Kingsland, shall be deemed non-responsive and the offer rejected.

LOCAL VENDOR PREFERENCE:

For purchases, bids, proposals or contracts less than $100,000 the local vendor may be given an opportunity to match the lowest price proposal, if the quotation or bid of the local vendor is within 10% of the lowest price proposal by a non-local vendor. In the event a local vendor matches the lowest price proposal, including all other terms, quality, service and conditions, then the local vendor shall be awarded the contract. *(See City of Kingsland Purchasing Ordinance for complete guidance.)*

PENALTY FOR LATE DELIVERY:

If the equipment is not delivered by the Estimated Time of Arrival date stated in the submitted Proposal the Vendor will be charged $200 for each business day, the equipment is late.

HOLD HARMLESS:

The Vendor will indemnify, defend, and hold harmless the City of Kingsland from loss for all suits, actions, or claims of any kind brought as a consequence of any negligent act or omission by the Vendor. The Vendor agrees that this clause shall include claims involving infringement of patent or copyright. For purposes of this document, “City” and “Vendor” includes their employees, officials, agents and representatives.

PAYMENT:
Unless otherwise stated, payment will be made within **thirty (30) days** of the completion of the Scope of Work and acceptance by the City of Kingsland. Bidder shall compute pricing less sales tax, of which the City of Kingsland is exempt, and documentation will be provided upon request.

GENERAL INSTRUCTIONS:

Proposal must contain a manual signature of an authorized representative. Proposals must be typed or printed in ink. Use of erasable ink is not permitted. All corrections by Proposer to any Proposal entry must be initialed.

Any questions shall be directed as follows:

Specification Questions
Bill Coleman, Public Works Director
PH: (912) 552-4020
Email: bcoleman@kingslandgeorgia.com

Request for Proposal Questions or Submittal
Hannah Smith, Purchasing Agent
PH: (912) 729-8113
hsmith@kingslandgeorgia.com

WARRANTY:

Submit printed information with proposal regarding standard manufacturer's warranty and extended warranty options, if available.

REQUIRED DOCUMENTS TO BE SUBMITTED:

One (1) original and two (2) copies of documents which must include the following information:

1. Copy of signed W-9
2. Specifications (Page 3)
3. Acknowledgement of Addenda, if applicable (Page 5)
4. Bid Proposal Form (Page 6)
5. Bid Proposal Signature Page (Page 7)

Descriptive literature, brochures, catalogs, drawings, photos, references and other information which will be used to evaluate and award the bid may be submitted with the proposal and will become property of the City of Kingsland for the official records

Acknowledgement of Addenda

Proposer hereby acknowledges receipt of all Addenda.

Addendum No. _____, dated _____

Addendum No. _____, dated _____

Addendum No. _____, dated _____

Addendum No. _____, dated _____

Addendum No. _____, dated _____

Company: _____

Authorized Signature: _____

Print Name: _____

Bid Proposal Form

Total Cost of Valve Exercise Machine: _____

Number of days for delivery from issue date of Purchase Order: _____

The following statement must be signed and submitted with bid. Failure to sign this statement will render bid invalid.

"I certify that this bid is made without prior understanding, agreement or connection with any corporation, firm or person submitting a bid for the same materials, supplies, or equipment, and is in all respect fair and without collusion or fraud. I understand that collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards. I agree to abide by all conditions of this bid and certify that I am authorized to sign this bid for the bidder.

Company Name: Person Authorized to Sign:

Name: _____ Name: _____

Address: _____ Title: _____

City: _____ Signature: _____

State: _____Zip_____ Telephone Number: _____

Fax: _____ E-Mail: _____

This _____Day of _____, 2025

Bid Proposal Signature Page

"I certify that this bid is made without prior understanding, agreement or connection with any corporation, firm or person submitting a bid for the same materials, supplies, or equipment, and is in all respect fair and without collusion or fraud. I understand that collusive bidding is a violation of State and Federal law and can result in fines, prison sentences, and civil damage awards. I agree to abide by all conditions of this bid and certify that I am authorized to sign this bid for the bidder.

Name: _____ Name: _____
Company Name Print Authorized

Address: _____ Title: _____

City: _____ Signature: _____
Authorized Signature

State: _____Zip_____ Phone: _____

Fax: _____ E-Mail: _____

This _____ Day of _____, 2025

OTHER EXCEPTIONS/VARIATIONS:

_____
_____
_____
_____
_____
_____