

Item Number	Group XX – 6 yard CNG Side Loader Refuse Trucks Description	Compliance	Exception
	turnaround time within 168 business hours or seven (7) business days.		
25.4	Contractor shall fax an estimate of repair to the Director of OFS, or his designee, to obtain an authorizing work order number prior to performing any repair.		
25.5	All invoices for repair/service shall indicate: MSLP, discounted price to the city of all parts, labor rate charged, number of hours required performing the service/repair, City decal number of unit receiving service/repair, and OFS work order number authorizing service/repair.		
25.6	A copy of the service/repair invoice shall be provided to OFS upon completion of the work.		

GROUP XXI - 6 YARD CNG REAR LOADER REFUSE TRUCKS

Item Number	Group XXI– 6 yard CNG Rear Loader Refuse Trucks Description	Compliance	Exception
1. DIMENSIONS			
1.1	Gross vehicle weight rating should not exceed 20,000 pounds		
2. BRAKES			
2.1	Front - disc type		
2.2	Rear - self-adjusting drum type		
3. WHEELS			
3.1	Splash Guards and unmarked mud flaps shall be provided around the front wheel openings		
4. TIRES			
4.1	Front tires 225/70R-19.5 (12 ply) tubeless radials, highway tread		
4.2	Rear tires 225/70R-19.5, (12 ply)		
5. CNG ENGINE			
5.1	This engine shall be a new factory built, dedicated compressed natural gas engine		
5.2	Option extended warranty: 60 months or 100, 000 miles (parts and service)		
6. CNG FUEL SYSTEM			
6.1.	The CNG fuel tanks shall be factory installed and warranted by the body manufacturer. The tanks shall meet all applicable Federal safety regulations for on		

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Item Number	Group XXI- 6 yard CNG Rear Loader Refuse Trucks Description	Compliance	Exception
	highway CNG vehicles		
6.2	The fuel storage pack shall be 30 Diesel Gallon or Equivalent (DGE).		
6.3	The fuel storage shall be mounted in a manner so as to avoid damage by collision or operational accidents		
6.4	The mounting and cabinets shall be factory installed and warranted by the body manufacturer.		
6.5	This system shall have two (2) NGV-one (1) fill receptacles rated at 3,600 PSI (OPW LB 36 fill valves or equal). One (1) fill receptacle shall be located in the fuel management module and the other to be placed at an agreed upon location on the street side frame rail. The unit to be of a fast fill design with both defueling and refueling ports.		
6.6	The CNG tanks must be fueled at the body OEM facility prior to delivery.		
6.7	<p>Bidder will fill in below the name of manufacturer, brand name, model or identification number, installer and year model of item(s) offered in bid.</p> <p>Manufacturer: _____</p> <p>Brand Name: _____</p> <p>Model/Identification Number: _____</p> <p>Installer: _____</p> <p>Year Model: _____</p>		
6.8	One (1) 50' hose for defueling/refueling truck to truck.		

Item Number	Group XXI - 6 yard CNG Rear Loader Refuse Trucks Description	Compliance	Exception
7. ELECTRICAL SYSTEM			
7.1	Electronic backup beeper		
7.2	A factory installed battery disconnect switch and jump start studs shall be provided		

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Item Number	Group XXI – 6 yard CNG Rear Loader Refuse Trucks Description	Compliance	Exception
7.3	This unit shall be equipped with high intensity headlights		
8. STEERING			
8.1	Tilt/telescopic steering wheel column		
9. TRANSMISSION			
9.1	Automatic transmission manufacturer recommended		
9.2	Five (5) year warranty (100% parts and labor)		
10. CAB AND ACCESSORIES			
10.	All steel low entry cab forward		
10.2	Self-rechargeable fire extinguisher		
10.3	Three (3) reflective triangles in a plastic box mounted in cab		
10.4	Factory installed air conditioning		
10.5	AM/FM radio with weatherband		
10.6	Driver's seat shall be a high back air-ride design		
10.7	Cab color "green"		
10.8	A placard with the "Over-all height" shall be mounted in the cab dash area in plain view of the driver		
11. SPECIAL EQUIPMENT/SAFETY			
11.1	Tool rack for storing shovels, rakes etc., to be installed on the passenger side under the body or as space permits		
11.2	Provide rack for five (5) gallon water keg mounted outside the cab with retainer straps		
11.3	Rear Steps constructed of open mesh steel on each side		
11.4	Unmarked mud flaps on both rear and front wheel positions		
11.5	Two (2) universal signs safety vehicle emblems to signify "SLOW MOVING VEHICLE" shall be mounted visible from rear		
11.6	Four (4) LED, flashing amber lights shall be provided. Two (2) located at the front bumper area and two (2) on the rear body area, one (1) each side		
11.7	Whelen TA857M, LED Traffic Advisor with in-cab control head shall be mounted at the rear hopper area with a protective guard		
11.8	A two (2) inch continuous reflective stripe on both sides and rear of the body and cab area		
11.9	Two (2) work lights shall be provided in the hopper area		
11.10	One (1) set grab rail shall be installed on each side of the hopper to ease the mounting/dismounting of the		

FIRM NAME _____ SIGNATURE _____

Item Number	Group XXI – 6 yard CNG Rear Loader Refuse Trucks Description	Compliance	Exception
	wrap around steps.		
11.11	Total vehicle height shall be marked on the left and right front sides of the body in four (4) inch high lettering		
11.12	Two (2), 12" x 12" inch permanent decals shall be installed on the rear of the vehicle. The right side shall be in yellow letters with a black background and read: "Caution this vehicle makes wide right turns" The left side shall be in black letters with a yellow background and read: "Caution this vehicle makes frequent stops"		
11.13	Two (2) universal safety vehicle emblems to signify "Slow Moving Vehicle" shall be mounted on the top rear of the tailgate (emblems shall be adhesive decals)		
11.14	A 2", red/white, 3M reflective conspicuity tape shall be applied to the front, rear, and side to the entire length of the cab and body. Conspicuity tape shall also be applied to the top, bottom, and both sides of the rear hopper opening		
11.15	The unit shall be equipped with a tool rack for storing shovels, rakes, etc., on the driver side under the body, or as space permits		
11.16	The unit shall be equipped with two (2) tow hooks, or loops, installed on the frame at both the front and rear. The two (2) front tow hooks should be mounted so as to facilitate towing without causing damage to either the front mounted hydraulic pump, or cab		
11.17	This unit shall be equipped with a dual camera CCTV system. One (1) camera shall be mounted in the hopper area for viewing material being dumped into the hopper. The second camera shall be mounted on the upper header panel of the tailgate and will automatically activate when the transmission is placed in reverse		
12. PAINT			
12.1	Truck cab shall be Forrester Green or an approved equal color		
12.2	Body shall be Blue Akzo Nobel or an approved equal color		
12.3	City of Atlanta sign graphic to be created and installed, centered on each side of truck body with lettering white and shaded in red.		
12.4	Sign shall be two (2) feet high x four (4) feet wide,		

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Item Number	Group XXI – 6 yard CNG Rear Loader Refuse Trucks Description	Compliance	Exception
	painted white. The sign is to include the City of Atlanta Solid Waste Services and conform to the body side of the unit. (SEE ATTACHMENT 'A')		
12.5	A two (2") red/white, 3M reflective conspicuity strip shall be applied to run around the front, sides, and rear of the entire unit to include both the cab and body. Conspicuity tape shall also be applied to the top and bottom of the tailgate		
12.6	The entire front bumper of the unit shall have an alternating sequence of 2" wide, 3M red/white conspicuity tape. The tape shall be applied at a 45-degree angle to the top line of the bumper		
12.7	This unit shall be equipped with two (2), 12" x 12" inch, permanent decals on the tailgate of the vehicle. The passenger decal shall be yellow letters with a black background and read: "CAUTION this vehicle makes wide right turns". The driver side decal shall be black letters with a yellow background and read: "CAUTION this vehicle makes frequent stops"		
12.8	This unit shall be equipped with two (2) universal safety vehicle emblems to signify "Slow Moving Vehicle." This emblems shall be mounted on the top rear of the tailgate (emblems shall be adhesive decals)		
13. BODY SPECIFICATIONS			
13.1	Packer body capacity shall be six (6) cubic yards		
13.2	The packer body on this unit shall be mounted directly to the chassis frame at the rear end, and with a poly block tie-down system at the front		
13.3	The body floor of this unit shall incorporate a drain system for clean-out and removal of waste water and contain a ball-type drain valve		
13.4	The packer body on this unit shall meet all applicable ANSI Z245.1 safety standards		
14. PACKER			
14.1	The tailgate on this compaction unit shall incorporate steps on both sides of the tailgate. These steps shall be at least 9.5" wide x 33.5 long.		
15. MOBILE REFUSE COPNTAINER DUMPING SYSTEM			
15.1	A Mobile Refuse Container dumping cart shall be mounted in the center of the hopper area. The dump unit shall be operate semi-automatically and shall be designed to lift the container so that the containers		

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Item Number	Group XXI – 6 yard CNG Rear Loader Refuse Trucks Description	Compliance	Exception
	contents will be dumped into the truck hopper		
15.2	Diamond Back or equivalent		
15.3.	A Rehrig Pacific RFID system shall be installed on the hopper for reading UHF RFID devices when the dump unit is activated.		
16. SAFETY FEATURES			
16.1	Two (2) universal safety vehicle emblems to signify “SLOW MOVING VEHICLE” shall be mounted visible on top of rear tailgate		
17. LIGHTS			
17.1	All lights shall be completely visible from the rear after installation of the cart dumpers		
17.2	Two (2) floodlights shall be provided in hopper area		
17.3	A Whelen PKRTA8, Super-LED directional warning light shall be mounted on the upper portion of the hopper		
17.4	Two (2) Whelen amber PKRSYS2 (pair), Super-LED warning lights shall be mounted one (1) each side, upper portion of the body		
17.5	Daytime Running Lights		
17.6	Two (2) Whelen amber 5GA00FAR, LED warning lights shall be mounted in the bumper area or grille area (one (1) each side)		
18. HYDRAULIC TANK			
18.1	A shut off valve shall be provided in the suction line at the tank		
19. WARRANTY			
19.1	Packer Unit: two (2) years from original delivery date		
19.2	Warranty facilities shall have serviced said equipment for a minimum of five (5) years as the factory’s authorized service center		
19.3	Vendor must be able to provide onsite warranty repair and service for the City of Atlanta’s fleet.		
19.4	Vendor shall provide a supply of high use consumable materials including those dedicated to the preventive maintenance of the unit for a period of one (1) year.		
19.5	All warranty repairs must be completed within 48 hours		
19.6	All warranty repairs taking more than 48 hours must be documented in writing by the vendor and a completion date will be agreed on by the city		

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Item Number	Group XXI – 6 yard CNG Rear Loader Refuse Trucks Description	Compliance	Exception
19.7	Provide copies of standard warranty for assembled and delivered vehicle.		
19.8	Provide forms for delayed warranty start if vehicle delivery to COA is delayed due to upfit of special equipment or modification.		
19.9	Provide copies of standard warranty for systems and components as provided by individual suppliers.		
19.10	As a continuous operation of the vehicle described by this specification, it is of utmost importance for the successful bidder to be in a position to furnish replacement parts. Accordingly, bidders shall indicate the extent of their ability to provide parts by furnishing a list of branch offices or agencies where complete stocks of repair parts are maintained and can be secured within 24 hours after ordering by part number from the manufacturer's part book and at such discount as may be quoted from year to year by the manufacturer of the vehicle purchased under this specification.		
19.11	Manufacturer's standard warranty or warranty for a minimum of 24 months or 2,000 hours		
19.12	Option: Provide information and cost estimate for a 5 year or 100,000 mile warranty on the vehicle or other extended warranty period.		
20.	TRAINING		
20.1	Bidder must provide a minimum of eight (8) hours of on-site technician training by the body manufacturer for technicians upon receipt of the unit per order. Training to include at a minimum system diagnostics, hydraulic, fuel, electric, and pneumatic systems and controls.		
20.2	Bidder must also provide a minimum of two (2) technicians full CNG Factory certification training (as applicable).		
20.3	All training class room material and travel expenses associated with the training shall be the responsibility of the successful bidder. The City of Atlanta reserves the rights to send additional technicians to the training at the city's expense.		
20.4	Bidder must perform a minimum of eight (8) hours of operator training per unit ordered		
20.5	The City of Atlanta's fleet maintenance facility can be		

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Item Number	Group XXI – 6 yard CNG Rear Loader Refuse Trucks Description	Compliance	Exception
	utilized as a service facility to perform the required warranty repairs.		
21.	DOCUMENTATION		
21.1	Operator's Manuals: A minimum of two (2) hard copies of the operator's manuals shall be provided with each unit.		
22.	DRIVE TRAIN DIAGNOSTICS		
22.1	The contractor shall provide all diagnostic programs to diagnose and effect repairs to the unit, whether on-line access or software to be installed on a City-owned computer and updated as necessary, for ten (10) years (minimum).		
22.2	The contractor shall supply two (2) sets of all electronic connective devices or cables necessary to allow communication between any vehicle electronic control module and Metro-provided diagnostic computers.		
22.3	Contractor to provide access to the electronic diagnostic information and software for the entire unit, engine, transmission, body, generator, etc. and include diagnostic cables or connecting boxes to access the unit's electronic control systems for the life of the unit.		
23.	DELIVERY		
23.1	Delivery Location: Office of Fleet Services Technical Services Branch 23 Claire Drive, S.E. Atlanta, GA 30315		
24	DECALS, BADGES, ADVERTISEMENTS		
24.1	No dealer emblems, decals, or any other form of advertisement or identification shall be attached to the vehicle.		

3.2.21 MINIMUM SPECIFICATIONS – REPAIR SERVICES AND PARTS

Item Number	Group XXI – 6 yard CNG Rear Loader Refuse Trucks Description	Compliance	Exception
25.	SERVICE PROVIDER RESPONSIBILITIES		
25.1	Contractor shall perform all scheduled Preventive Maintenance (PM) intervals in accordance with the		

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Item Number	Group XXI – 6 yard CNG Rear Loader Refuse Trucks Description	Compliance	Exception
	manufacturer's recommended intervals and shall supply a PM schedule detailing inspections and repairs to be made for each type of interval.		
25.2	Contractor shall, under normal circumstances, begin work on equipment delivered to their repair facility within two (2) business days.		
25.3	Contractor shall maintain a minimum of 85% turnaround time within 168 business hours or seven (7) business days.		
25.4	Contractor shall fax an estimate of repair to the Director of OFS, or his designee, to obtain an authorizing work order number prior to performing any repair.		
25.5	All invoices for repair/service shall indicate: MSLP, discounted price to the city of all parts, labor rate charged, number of hours required performing the service/repair, City decal number of unit receiving service/repair, and OFS work order number authorizing service/repair.		
25.6	A copy of the service/repair invoice shall be provided to OFS upon completion of the work.		

GROUP XXII - 6 YARD DIESEL FRONTLOADER REFUSE TRUCKS

3.2.16 MINIMUM SPECIFICATIONS – CAB AND CHASSIS

Item Number	Group XXII – 6 yard Diesel Front Loader Refuse Truck Description	Compliance	Exception
1. DIMENSIONS			
1.1	Gross vehicle weight rating should not exceed 20,000 pounds		
2. BRAKES			
2.1	Front - disc type		
2.2	Rear - self-adjusting drum type		
3. WHEELS			
3.1	Splash Guards and unmarked mud flaps shall be provided around the front wheel openings		
4. TIRES			
4.1	Front tires 225/70R-19.5 (12 ply) tubeless radials, highway tread		
4.2	Rear tires 225/70R-19.5, (12 ply)		

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Item Number	Group XXII – 6 yard Diesel Front Loader Refuse Truck Description	Compliance	Exception
5. DIESEL ENGINE			
5.1	Diesel engine manufacturer current production or better		
5.2	Option extended warranty: 60 months or 100,000 miles (parts and service)		
6. DIESEL FUEL SYSTEM			
6.1.	Minimum fifty(5) gallon capacity system step type		
6.2	Markings for 'DIESEL FUEL ONLY' at filler cap		

Item Number	Group XXII – 6 yard Diesel Front Loader Refuse Truck Description	Compliance	Exception
7. ELECTRICAL SYSTEM			
7.1	Electronic backup beeper		
7.2	A factory installed battery disconnect switch and jump start studs shall be provided		
7.3	This unit shall be equipped with high intensity headlights		
8. STEERING			
8.1	Tilt/telescopic steering wheel column		
9. TRANSMISSION			
9.1	Automatic transmission manufacturer recommended		
9.2	Five (5) years warranty (100% parts and labor)		
10. CAB AND ACCESSORIES			
10.	All steel low entry cab forward		
10.2	Self-rechargeable fire extinguisher		
10.3	Three (3) reflective triangles in a plastic box mounted in cab		
10.4	Factory installed air conditioning		
10.5	AM/FM radio with weatherband		
10.6	Driver's seat shall be a high back air-ride design		
10.7	Cab color "green"		
10.8	A placard with the "Over-all height" shall be mounted in the cab dash area in plain view of the driver		
11. SPECIAL EQUIPMENT/SAFETY			
11.1	Tool rack for storing shovels, rakes etc., to be installed on the passenger side under the body or as space permits		
11.2	Provide rack for five (5) gallon water keg mounted outside the cab with retainer straps		
11.3	Rear Steps constructed of open mesh steel on each side		
11.4	Unmarked mud flaps on both rear and front wheel		

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Item Group XXII – 6 yard Diesel Front Loader Refuse Truck	Description	Compliance	Exception
	positions		
11.5	Two (2) universal signs safety vehicle emblems to signify “SLOW MOVING VEHICLE” shall be mounted visible from rear		
11.6	Four (4) LED, flashing amber lights shall be provided. Two (2) located at the front bumper area and two (2) on the rear body area, one (1) each side		
11.7	Whelen TA857M, LED Traffic Advisor with in-cab control head shall be mounted at the rear hopper area with a protective guard		
11.8	A two (2) inch continuous reflective stripe on both sides and rear of the body and cab area		
11.9	Two (2) work lights shall be provided in the hopper area		
11.10	One (1) set grab rail shall be installed on each side of the hopper to ease the mounting/dismounting of the wrap around steps.		
11.11	Total vehicle height shall be marked on the left and right front sides of the body in four (4) inch high lettering		
11.12	Two (2), 12” x 12” inch permanent decals shall be installed on the rear of the vehicle. The right side shall be in yellow letters with a black background and read: “Caution this vehicle makes wide right turns” The left side shall be in black letters with a yellow background and read: “Caution this vehicle makes frequent stops”		
11.13	Two (2) universal safety vehicle emblems to signify “Slow Moving Vehicle” shall be mounted on the top rear of the tailgate (emblems shall be adhesive decals)		
11.14	A 2”, red/white, 3M reflective conspicuity tape shall be applied to the front, rear, and side to the entire length of the cab and body. Conspicuity tape shall also be applied to the top, bottom, and both sides of the rear hopper opening		
11.15	The unit shall be equipped with a tool rack for storing shovels, rakes, etc., on the driver side under the body, or as space permits		
11.16	The unit shall be equipped with two (2) tow hooks, or loops, installed on the frame at both the front and rear. The two (2) front tow hooks should be mounted so as to facilitate towing without causing damage to either the front mounted hydraulic pump, or cab		

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Item Group XXII – 6 yard Diesel Front Loader Refuse Truck		Compliance	Exception
Numbe	Description		
11.17	This unit shall be equipped with a dual camera CCTV system. One (1) camera shall be mounted in the hopper area for viewing material being dumped into the hopper. The second camera shall be mounted on the upper header panel of the tailgate and will automatically activate when the transmission is placed in reverse		
12. PAINT			
12.1	Truck cab shall be Forrester Green or an approved equal color		
12.2	Body shall be Blue Akzo Nobel or an approved equal color		
12.3	City of Atlanta sign graphic to be created and installed, centered on each side of truck body with lettering white and shaded in red.		
12.4	Sign shall be two (2) feet high x four (4) feet wide, painted white. The sign is to include the City of Atlanta Solid Waste Services and conform to the body side of the unit. (SEE ATTACHMENT 'A')		
12.5	A two (2") red/white, 3M reflective conspicuity strip shall be applied to run around the front, sides, and rear of the entire unit to include both the cab and body. Conspicuity tape shall also be applied to the top and bottom of the tailgate		
12.6	The entire front bumper of the unit shall have an alternating sequence of 2" wide, 3M red/white conspicuity tape. The tape shall be applied at a 45-degree angle to the top line of the bumper		
12.7	This unit shall be equipped with two (2), 12" x 12" inch, permanent decals on the tailgate of the vehicle. The passenger decal shall be yellow letters with a black background and read: "CAUTION this vehicle makes wide right turns". The driver side decal shall be black letters with a yellow background and read: "CAUTION this vehicle makes frequent stops"		
12.8	This unit shall be equipped with two (2) universal safety vehicle emblems to signify "Slow Moving Vehicle. This emblems shall be mounted on the top rear of the tailgate (Emblems shall be adhesive decals)		
13. BODY SPECIFICATIONS			
13.1	Packer body capacity shall be six (6) cubic yards		
13.2	The packer body on this unit shall be mounted directly		

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Item Group XXII – 6 yard Diesel Front Loader Refuse Truck	Compliance	Exception
Numbe	Description	
	to the chassis frame at the rear end, and with a poly block tie-down system at the front	
13.3	The body floor of this unit shall incorporate a drain system for clean-out and removal of waste water and contain a ball-type drain valve	
13.4	The packer body on this unit shall meet all applicable ANSI Z245.1 safety standards	
14. PACKER		
14.1	The tailgate on this compaction unit shall incorporate steps on both sides of the tailgate. These steps shall be at least 9.5” wide x 33.5 long.	
15. MOBILE REFUSE COPNTAINER DUMPING SYSTEM		
15.1	A Mobile Refuse Container dumping cart shall be mounted in the center of the hopper area. The dump unit shall be operate semi-automatically and shall be designed to lift the container so that the containers contents will be dumped into the truck hopper	
15.2	Diamond Back or equivalent	
15.3.	A Rehrig Pacific RFID system shall be installed on the hopper for reading UHF RFID devices when the dump unit is activated.	
16. SAFETY FEATURES		
16.1	Two (2) universal safety vehicle emblems to signify “SLOW MOVING VEHICLE” shall be mounted visible on top of rear tailgate	
17. LIGHTS		
17.1	All lights shall be completely visible from the rear after installation of the cart dumpers	
17.2	Two (2) floodlights shall be provided in hopper area	
17.3	A Whelen PKRTA8, Super-LED directional warning light shall be mounted on the upper portion of the hopper	
17.4	Two (2) Whelen amber PKRSYS2 (pair), Super-LED warning lights shall be mounted one (1) each side, upper portion of the body	
17.5	Daytime Running Lights	
17.6	Two (2) Whelen amber 5GA00FAR, LED warning lights shall be mounted in the bumper area or grille area (one (1) each side)	
18. HYDRAULIC TANK		
18.1	A shut off valve shall be provided in the suction line at	

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Item Group XXII – 6 yard Diesel Front Loader Refuse Truck Numbe	Description	Compliance	Exception
	the tank		
19. WARRANTY			
19.1	Packer Unit: two (2) years from original delivery date		
19.2	Warranty facilities shall have serviced said equipment for a minimum of five (5) years as the factory's authorized service center		
19.3	Vendor must be able to provide onsite warranty repair and service for the City of Atlanta's fleet.		
19.4	Vendor shall provide a supply of high use consumable materials including those dedicated to the preventive maintenance of the unit for a period of one (1) year.		
19.5	All warranty repairs must be completed within 48 hours		
19.6	All warranty repairs taking more than 48 hours must be documented in writing by the vendor and a completion date will be agreed on by the city		
19.7	Provide copies of standard warranty for assembled and delivered vehicle.		
19.8	Provide forms for delayed warranty start if vehicle delivery to COA is delayed due to upfit of special equipment or modification.		
19.9	Provide copies of standard warranty for systems and components as provided by individual suppliers.		
19.10	As a continuous operation of the vehicle described by this specification, it is of utmost importance for the successful bidder to be in a position to furnish replacement parts. Accordingly, bidders shall indicate the extent of their ability to provide parts by furnishing a list of branch offices or agencies where complete stocks of repair parts are maintained and can be secured within 24 hours after ordering by part number from the manufacturer's part book and at such discount as may be quoted from year to year by the manufacturer of the vehicle purchased under this specification.		
19.11	Manufacturer's standard warranty or warranty for a minimum of 24 months or 2,000 hours		
19.12	Option: Provide information and cost estimate for a five (5) years or 100,000 mile warranty on the vehicle or other extended warranty period.		
20. TRAINING			
20.1	Bidder must provide a minimum of eight (8) hours		

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Item Group XXII – 6 yard Diesel Front Loader Refuse Truck Numbe	Description	Compliance	Exception
	of on-site technician training by the body manufacturer for technicians upon receipt of the unit per order. Training to include at a minimum system diagnostics, hydraulic, fuel, electric, and pneumatic systems and controls.		
20.2	Bidder must also provide a minimum of two (2) technicians full CNG Factory certification training (as applicable).		
20.3	All training classroom material and travel expenses associated with the training shall be the responsibility of the successful bidder. The City of Atlanta reserves the rights to send additional technicians to the training at the City's expense.		
20.4	Bidder must perform a minimum of eight (8) hours of operator training per unit ordered		
20.5	The City of Atlanta's fleet maintenance facility can be utilized as a service facility to perform the required warranty repairs.		
21.	DOCUMENTATION		
21.1	Operator's Manuals: A minimum of two (2) hard copies of the operator's manuals shall be provided with each unit.		
22.	DRIVE TRAIN DIAGNOSTICS		
22.1	The contractor shall provide all diagnostic programs to diagnose and effect repairs to the unit, whether on-line access or software to be installed on a City-owned computer and updated as necessary, for ten (10) years (minimum).		
22.2	The contractor shall supply two (2) sets of all electronic connective devices or cables necessary to allow communication between any vehicle electronic control module and Metro-provided diagnostic computers.		
22.3	Contractor to provide access to the electronic diagnostic information and software for the entire unit, engine, transmission, body, generator, etc. and include diagnostic cables or connecting boxes to access the unit's electronic control systems for the life of the unit.		
23.	DELIVERY		
23.1	Delivery Location: Office of Fleet Services Technical Services Branch		

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Item Group XXII – 6 yard Diesel Front Loader Refuse Truck	Compliance	Exception
Numbe	Description	
	23 Claire Drive, S.E. Atlanta, GA 30315	
24 DECALS, BADGES, ADVERTISEMENTS		
24.1	No dealer emblems, decals, or any other form of advertisement or identification shall be attached to the vehicle.	

3.2.22 MINIMUM SPECIFICATIONS – REPAIR SERVICES AND PARTS

Item Group XXII – 6 yard Diesel Front Loader Refuse Trucks	Compliance	Exception
Number	Description	
25. SERVICE PROVIDER RESPONSIBILITIES		
25.1	Contractor shall perform all scheduled Preventive Maintenance (PM) intervals in accordance with the manufacturer’s recommended intervals and shall supply a PM schedule detailing inspections and repairs to be made for each type of interval.	
25.2	Contractor shall, under normal circumstances, begin work on equipment delivered to their repair facility within two (2) business days.	
25.3	Contractor shall maintain a minimum of 85% turnaround time within 168 business hours or seven (7) business days.	
25.4	Contractor shall fax an estimate of repair to the Director of OFS, or his designee, to obtain an authorizing work order number prior to performing any repair.	
25.5	All invoices for repair/service shall indicate: MSLP, discounted price to the city of all parts, labor rate charged, number of hours required performing the service/repair, City decal number of unit receiving service/repair, and OFS work order number authorizing service/repair.	
25.6	A copy of the service/repair invoice shall be provided to OFS upon completion of the work.	

GROUP XXIII - 6 YARD DIESEL SIDE LOADER REFUSE TRUCKS

3.2.17 MINIMUM SPECIFICATIONS – CAB AND CHASSIS

FIRM NAME _____ SIGNATURE _____

Item Number	Group XXIII – 6 yard Diesel Side Loader Refuse Truc Description	Compliance	Exception
1. DIMENSIONS			
1.1	Gross vehicle weight rating should not exceed 20,000 pounds		
2. BRAKES			
2.1	Front - disc type		
2.2	Rear - self-adjusting drum type		
3. WHEELS			
3.1	Splash Guards and unmarked mud flaps shall be provided around the front wheel openings		
4. TIRES			
4.1	Front tires 225/70R-19.5 (12 ply) tubeless radials, highway tread		
4.2	Rear tires 225/70R-19.5, (12 ply)		
5. DIESEL ENGINE			
5.1	Diesel engine manufacturer current production or better		
5.2	Option extended warranty: 60 months or 100, 000 miles (parts and service)		
6. DIESEL FUEL SYSTEM			
6.1.	Minimum fifty(5) gallon capacity system step type		
6.2	Markings for 'DIESEL FUEL ONLY' at filler cap		

Item Number	Group XXIII – 6 yard Diesel Side Loader Refuse Trucks Description	Compliance	Exception
7. ELECTRICAL SYSTEM			
7.1	Electronic backup beeper		
7.2	A factory installed battery disconnect switch and jump start studs shall be provided		
7.3	This unit shall be equipped with high intensity headlights		
8. STEERING			
8.1	Tilt/telescopic steering wheel column		
9. TRANSMISSION			
9.1	Automatic transmission manufacturer recommended		
9.2	Five (5) year warranty (100% parts and labor)		
10. CAB AND ACCESSORIES			
10.	All steel low entry cab forward		
10.2	Self-rechargeable fire extinguisher		
10.3	Three (3) reflective triangles in a plastic box mounted in cab		

FIRM NAME _____ SIGNATURE _____

Item Number	Group XXIII – 6 yard Diesel Side Loader Refuse Trucks Description	Compliance	Exception
10.4	Factory installed air conditioning		
10.5	AM/FM radio with weatherband		
10.6	Driver's seat shall be a high back air-ride design		
10.7	Cab color "green"		
10.8	A placard with the "Over-all height" shall be mounted in the cab dash area in plain view of the driver		
11. SPECIAL EQUIPMENT/SAFETY			
11.1	Tool rack for storing shovels, rakes etc., to be installed on the passenger side under the body or as space permits		
11.2	Provide rack for five (5) gallon water keg mounted outside the cab with retainer straps		
11.3	Rear Steps constructed of open mesh steel on each side		
11.4	Unmarked mud flaps on both rear and front wheel positions		
11.5	Two (2) universal signs safety vehicle emblems to signify "SLOW MOVING VEHICLE" shall be mounted visible from rear		
11.6	Four (4) LED, flashing amber lights shall be provided. Two (2) located at the front bumper area and two (2) on the rear body area, one (1) each side		
11.7	Whelen TA857M, LED Traffic Advisor with in-cab control head shall be mounted at the rear hopper area with a protective guard		
11.8	A two (2) inch continuous reflective stripe on both sides and rear of the body and cab area		
11.9	Two (2) work lights shall be provided in the hopper area		
11.10	One (1) set grab rail shall be installed on each side of the hopper to ease the mounting/dismounting of the wrap around steps.		
11.11	Total vehicle height shall be marked on the left and right front sides of the body in four (4) inch high lettering		
11.12	Two (2), 12" x 12" inch permanent decals shall be installed on the rear of the vehicle. The right side shall be in yellow letters with a black background and read: "Caution this vehicle makes wide right turns" The left side shall be in black letters with a yellow background and read: "Caution this vehicle makes frequent stops"		
11.13	Two (2) universal safety vehicle emblems to signify "Slow Moving Vehicle" shall be mounted on the top		

FIRM NAME _____ SIGNATURE _____

Item Number	Group XXIII – 6 yard Diesel Side Loader Refuse Trucks Description	Compliance	Exception
	rear of the tailgate (emblems shall be adhesive decals)		
11.14	A 2”, red/white, 3M reflective conspicuity tape shall be applied to the front, rear, and side to the entire length of the cab and body. Conspicuity tape shall also be applied to the top, bottom, and both sides of the rear hopper opening		
11.15	The unit shall be equipped with a tool rack for storing shovels, rakes, etc., on the driver side under the body, or as space permits		
11.16	The unit shall be equipped with two (2) tow hooks, or loops, installed on the frame at both the front and rear. The two (2) front tow hooks should be mounted so as to facilitate towing without causing damage to either the front mounted hydraulic pump, or cab		
11.17	This unit shall be equipped with a dual camera CCTV system. One (1) camera shall be mounted in the hopper area for viewing material being dumped into the hopper. The second camera shall be mounted on the upper header panel of the tailgate and will automatically activate when the transmission is placed in reverse		
12. PAINT			
12.1	Truck cab shall be Forrester Green or an approved equal color		
12.2	Body shall be Blue Akzo Nobel or an approved equal color		
12.3	City of Atlanta sign graphic to be created and installed, centered on each side of truck body with lettering white and shaded in red.		
12.4	Sign shall be two (2) feet high x four (4) feet wide, painted white. The sign is to include the City of Atlanta Solid Waste Services and conform to the body side of the unit. (SEE ATTACHMENT ‘A’)		
12.5	A two (2”) red/white, 3M reflective conspicuity strip shall be applied to run around the front, sides, and rear of the entire unit to include both the cab and body. Conspicuity tape shall also be applied to the top and bottom of the tailgate		
12.6	The entire front bumper of the unit shall have an alternating sequence of 2” wide, 3M red/white conspicuity tape. The tape shall be applied at a 45-degree angle to the top line of the bumper		

FIRM NAME _____ SIGNATURE _____

Item Number	Group XXIII – 6 yard Diesel Side Loader Refuse Trucks Description	Compliance	Exception
12.7	This unit shall be equipped with two (2), 12" x 12" inch, permanent decals on the tailgate of the vehicle. The passenger decal shall be yellow letters with a black background and read: "CAUTION this vehicle makes wide right turns". The driver side decal shall be black letters with a yellow background and read: "CAUTION this vehicle makes frequent stops"		
12.8	This unit shall be equipped with two (2) universal safety vehicle emblems to signify "Slow Moving Vehicle. This emblems shall be mounted on the top rear of the tailgate (Emblems shall be adhesive decals)		
13. BODY SPECIFICATIONS			
13.1	Packer body capacity shall be six (6) cubic yards		
13.2	The packer body on this unit shall be mounted directly to the chassis frame at the rear end, and with a poly block tie-down system at the front		
13.3	The body floor of this unit shall incorporate a drain system for clean-out and removal of waste water and contain a ball-type drain valve		
13.4	The packer body on this unit shall meet all applicable ANSI Z245.1 safety standards		
14. PACKER			
14.1	The tailgate on this compaction unit shall incorporate steps on both sides of the tailgate. These steps shall be at least 9.5" wide x 33.5 long.		
15. MOBILE REFUSE CONTAINER DUMPING SYSTEM			
15.1	A Mobile Refuse Container dumping cart shall be mounted in the center of the hopper area. The dump unit shall be operate semi-automatically and shall be designed to lift the container so that the containers contents will be dumped into the truck hopper		
15.2	Diamond Back or equivalent		
15.3.	A Rehrig Pacific RFID system shall be installed on the hopper for reading UHF RFID devices when the dump unit is activated.		
16. SAFETY FEATURES			
16.1	Two (2) universal safety vehicle emblems to signify "SLOW MOVING VEHICLE" shall mounted visible on top of rear tailgate		
17. LIGHTS			
17.1	All lights shall be completely visible from the rear		

FIRM NAME _____ SIGNATURE _____

Item Number	Group XXIII – 6 yard Diesel Side Loader Refuse Trucks Description	Compliance	Exception
	after installation of the cart dumpers		
17.2	Two (2) floodlights shall be provided in hopper area		
17.3	A Whelen PKRTA8, Super-LED directional warning light shall be mounted on the upper portion of the hopper		
17.4	Two (2) Whelen amber PKRSYS2 (pair), Super-LED warning lights shall be mounted one (1) each side, upper portion of the body		
17.5	Daytime Running Lights		
17.6	Two (2) Whelen amber 5GA00FAR, LED warning lights shall be mounted in the bumper area or grille area (one (1) each side)		
18. HYDRAULIC TANK			
18.1	A shut off valve shall be provided in the suction line at the tank		
19. WARRANTY			
19.1	Packer Unit: two (2) years from original delivery date		
19.2	Warranty facilities shall have serviced said equipment for a minimum of five (5) years as the factory's authorized service center		
19.3	Vendor must be able to provide onsite warranty repair and service for the City of Atlanta's fleet.		
19.4	Vendor shall provide a supply of high use consumable materials including those dedicated to the preventive maintenance of the unit for a period of one (1) year.		
19.5	All warranty repairs must be completed within 48 hours		
19.6	All warranty repairs taking more than 48 hours must be documented in writing by the vendor and a completion date will be agreed on by the city		
19.7	Provide copies of standard warranty for assembled and delivered vehicle.		
19.8	Provide forms for delayed warranty start if vehicle delivery to COA is delayed due to upfit of special equipment or modification.		
19.9	Provide copies of standard warranty for systems and components as provided by individual suppliers.		
19.10	As a continuous operation of the vehicle described by this specification, it is of utmost importance for the successful bidder to be in a position to furnish replacement parts. Accordingly, bidders shall indicate the extent of their ability to provide parts by furnishing		

FIRM NAME _____ SIGNATURE _____

Item Number	Group XXIII – 6 yard Diesel Side Loader Refuse Trucks Description	Compliance	Exception
	a list of branch offices or agencies where complete stocks of repair parts are maintained and can be secured within 24 hours after ordering by part number from the manufacturer's part book and at such discount as may be quoted from year to year by the manufacturer of the vehicle purchased under this specification.		
19.11	Manufacturer's standard warranty or warranty for a minimum of 24 months or 2,000 hours		
19.12	Option: Provide information and cost estimate for a five (5) year or 100,000 mile warranty on the vehicle or other extended warranty period.		
20.	TRAINING		
20.1	Bidder must provide a minimum of eight (8) hours of on-site technician training by the body manufacturer for technicians upon receipt of the unit per order. Training to include at a minimum system diagnostics, hydraulic, fuel, electric, and pneumatic systems and controls.		
20.2	Bidder must also provide a minimum of two (2) technicians full CNG Factory certification training (as applicable).		
20.3	All training classroom material and travel expenses associated with the training shall be the responsibility of the successful bidder. The City of Atlanta reserves the rights to send additional technicians to the training at the city's expense.		
20.4	Bidder must perform a minimum of eight (8) hours of operator training per unit ordered		
20.5	The City of Atlanta's fleet maintenance facility can be utilized as a service facility to perform the required warranty repairs.		
21.	DOCUMENTATION		
21.1	Operator's Manuals: A minimum of two (2) hard copies of the operator's manuals shall be provided with each unit.		
22.	DRIVE TRAIN DIAGNOSTICS		
22.1	The contractor shall provide all diagnostic programs to diagnose and effect repairs to the unit, whether on-line access or software to be installed on a City-owned computer and updated as necessary, for ten (10) years (minimum).		

FIRM NAME _____ SIGNATURE _____

Item Number	Group XXIII – 6 yard Diesel Side Loader Refuse Trucks Description	Compliance	Exception
22.2	The contractor shall supply two (2) sets of all electronic connective devices or cables necessary to allow communication between any vehicle electronic control module and Metro-provided diagnostic computers.		
22.3	Contractor to provide access to the electronic diagnostic information and software for the entire unit, engine, transmission, body, generator, etc. and include diagnostic cables or connecting boxes to access the unit's electronic control systems for the life of the unit.		
23.	DELIVERY		
23.1	<u>Delivery Location:</u> Office of Fleet Services Technical Services Branch 23 Claire Drive, S.E. Atlanta, GA 30315		
24 DECALS, BADGES, ADVERTISEMENTS			
24.1	No dealer emblems, decals, or any other form of advertisement or identification shall be attached to the vehicle.		

3.2.23 MINIMUM SPECIFICATIONS – REPAIR SERVICES AND PARTS

Item Number	Group XXIII – 6 yard Diesel Side Loader Refuse Trucks Description	Compliance	Exception
25. SERVICE PROVIDER RESPONSIBILITIES			
25.1	Contractor shall perform all scheduled Preventive Maintenance (PM) intervals in accordance with the manufacturer's recommended intervals and shall supply a PM schedule detailing inspections and repairs to be made for each type of interval.		
25.2	Contractor shall, under normal circumstances, begin work on equipment delivered to their repair facility within two (2) business days..		
25.3	Contractor shall maintain a minimum of 85% turnaround time within 168 business hours or seven (7) business days.		
25.4	Contractor shall fax an estimate of repair to the Director of OFS, or his designee, to obtain an authorizing work order number prior to performing any repair.		

FIRM NAME _____ SIGNATURE _____

Item Number	Group XXIII – 6 yard Diesel Side Loader Refuse Trucks Description	Compliance	Exception
25.5	All invoices for repair/service shall indicate: MSLP, discounted price to the city of all parts, labor rate charged, number of hours required performing the service/repair, City decal number of unit receiving service/repair, and OFS work order number authorizing service/repair.		
25.6	A copy of the service/repair invoice shall be provided to OFS upon completion of the work.		

GROUP XXIV - 6 YARD DIESEL REAR LOADER REFUSE TRUCKS

3.2.18 MINIMUM SPECIFICATIONS – CAB AND CHASSIS

Item Number	Group XXIV – 6 yard Diesel Rear Loader Refuse Truck Description	Compliance	Exception
1. DIMENSIONS			
1.1	Gross vehicle weight rating should not exceed 20,000 pounds		
2. BRAKES			
2.1	Front - disc type		
2.2	Rear - self-adjusting drum type		
3. WHEELS			
3.1	Splash Guards and unmarked mud flaps shall be provided around the front wheel openings		
4. TIRES			
4.1	Front tires 225/70R-19.5 (12 ply) tubeless radials, highway tread		
4.2	Rear tires 225/70R-19.5, (12 ply)		
5. DIESEL ENGINE			
5.1	Diesel engine manufacturer current production or better		
5.2	Option extended warranty: 60 months or 100,000 miles (parts and service)		
6. DIESEL FUEL SYSTEM			
6.1	Minimum fifty(5) gallon capacity system step type		
6.2	Markings for 'DIESEL FUEL ONLY' at filler cap		

Item Number	Group XXIV – 6 yard Diesel Rear Loader Refuse Truck Description	Compliance	Exception
7. ELECTRICAL SYSTEM			

FIRM NAME _____ SIGNATURE _____

Item Number	Group XXIV – 6 yard Diesel Rear Loader Refuse Truc Description	Compliance	Exception
7.1	Electronic backup beeper		
7.2	A factory installed battery disconnect switch and jump start studs shall be provided		
7.3	This unit shall be equipped with high intensity headlights		
8. STEERING			
8.1	Tilt/telescopic steering wheel column		
9. TRANSMISSION			
9.1	Automatic transmission manufacturer recommended		
9.2	Five (5) year warranty (100% parts and labor)		
10. CAB AND ACCESSORIES			
10.	All steel low entry cab forward		
10.2	Self-rechargeable fire extinguisher		
10.3	Three (3) reflective triangles in a plastic box mounted in cab		
10.4	Factory installed air conditioning		
10.5	AM/FM radio with weatherband		
10.6	Driver's seat shall be a high back air-ride design		
10.7	Cab color "green"		
10.8	A placard with the "Over-all height" shall be mounted in the cab dash area in plain view of the driver		
11. SPECIAL EQUIPMENT/SAFETY			
11.1	Tool rack for storing shovels, rakes etc., to be installed on the passenger side under the body or as space permits		
11.2	Provide rack for five (5) gallon water keg mounted outside the cab with retainer straps		
11.3	Rear Steps constructed of open mesh steel on each side		
11.4	Unmarked mud flaps on both rear and front wheel positions		
11.5	Two (2) universal signs safety vehicle emblems to signify "SLOW MOVING VEHICLE" shall be mounted visible from rear		
11.6	Four (4) LED, flashing amber lights shall be provided. Two (2) located at the front bumper area and two (2) on the rear body area, one (1) each side		
11.7	Whelen TA857M, LED Traffic Advisor with in-cab control head shall be mounted at the rear hopper area with a protective guard		
11.8	A two (2) inch continuous reflective stripe on both sides and rear of the body and cab area		
11.9	Two (2) work lights shall be provided in the hopper		

FIRM NAME _____ SIGNATURE _____

Item Number	Group XXIV – 6 yard Diesel Rear Loader Refuse Truck Description	Compliance	Exception
	area		
11.10	One (1) set grab rail shall be installed on each side of the hopper to ease the mounting/dismounting of the wrap around steps.		
11.11	Total vehicle height shall be marked on the left and right front sides of the body in four (4) inch high lettering		
11.12	Two (2), 12” x 12” inch permanent decals shall be installed on the rear of the vehicle. The right side shall be in yellow letters with a black background and read: “Caution this vehicle makes wide right turns” The left side shall be in black letters with a yellow background and read: “Caution this vehicle makes frequent stops”		
11.13	Two (2) universal safety vehicle emblems to signify “Slow Moving Vehicle” shall be mounted on the top rear of the tailgate (emblems shall be adhesive decals)		
11.14	A 2”, red/white, 3M reflective conspicuity tape shall be applied to the front, rear, and side to the entire length of the cab and body. Conspicuity tape shall also be applied to the top, bottom, and both sides of the rear hopper opening		
11.15	The unit shall be equipped with a tool rack for storing shovels, rakes, etc., on the driver side under the body, or as space permits		
11.16	The unit shall be equipped with two (2) tow hooks, or loops, installed on the frame at both the front and rear. The two (2) front tow hooks should be mounted so as to facilitate towing without causing damage to either the front mounted hydraulic pump, or cab		
11.17	This unit shall be equipped with a dual camera CCTV system. One camera shall be mounted in the hopper area for viewing material being dumped into the hopper. The second camera shall be mounted on the upper header panel of the tailgate and will automatically activate when the transmission is placed in reverse		
12. PAINT			
12.1	Truck cab shall be Forrester Green or an approved equal color		
12.2	Body shall be Blue Akzo Nobel or an approved equal color		
12.3	City of Atlanta sign graphic to be created and installed,		

FIRM NAME _____ SIGNATURE _____

Item Number	Group XXIV – 6 yard Diesel Rear Loader Refuse Truck Description	Compliance	Exception
	centered on each side of truck body with lettering white and shaded in red.		
12.4	Sign shall be two (2) feet high x four (4) feet wide, painted white. The sign is to include the City of Atlanta Solid Waste Services and conform to the body side of the unit. (SEE ATTACHMENT 'A')		
12.5	A two (2") red/white, 3M reflective conspicuity strip shall be applied to run around the front, sides, and rear of the entire unit to include both the cab and body. Conspicuity tape shall also be applied to the top and bottom of the tailgate		
12.6	The entire front bumper of the unit shall have an alternating sequence of 2" wide, 3M red/white conspicuity tape. The tape shall be applied at a 45-degree angle to the top line of the bumper		
12.7	This unit shall be equipped with two (2), 12" x 12" inch, permanent decals on the tailgate of the vehicle. The passenger decal shall be yellow letters with a black background and read: "CAUTION this vehicle makes wide right turns". The driver side decal shall be black letters with a yellow background and read: "CAUTION this vehicle makes frequent stops"		
12.8	This unit shall be equipped with two (2) universal safety vehicle emblems to signify "Slow Moving Vehicle. This emblems shall be mounted on the top rear of the tailgate (Emblems shall be adhesive decals)		
13. BODY SPECIFICATIONS			
13.1	Packer body capacity shall be six (6 cubic yards)		
13.2	The packer body on this unit shall be mounted directly to the chassis frame at the rear end, and with a poly block tie-down system at the front		
13.3	The body floor of this unit shall incorporate a drain system for clean-out and removal of waste water and contain a ball-type drain valve		
13.4	The packer body on this unit shall meet all applicable ANSI Z245.1 safety standards		
14. PACKER			
14.1	The tailgate on this compaction unit shall incorporate steps on both sides of the tailgate. These steps shall be at least 9.5" wide x 33.5 long.		
15. MOBILE REFUSE CONTAINER DUMPING SYSTEM			
15.1	A Mobile Refuse Container dumping cart shall be		

FIRM NAME _____ SIGNATURE _____

Item Number	Group XXIV – 6 yard Diesel Rear Loader Refuse Truck Description	Compliance	Exception
	mounted in the center of the hopper area. The dump unit shall be operate semi-automatically and shall be designed to lift the container so that the containers contents will be dumped into the truck hopper		
15.2	Diamond Back or equivalent		
15.3.	A Rehrig Pacific RFID system shall be installed on the hopper for reading UHF RFID devices when the dump unit is activated.		
16. SAFETY FEATURES			
16.1	Two (2) universal safety vehicle emblems to signify “SLOW MOVING VEHICLE” shall be mounted visible on top of rear tailgate		
17. LIGHTS			
17.1	All lights shall be completely visible from the rear after installation of the cart dumpers		
17.2	Two (2) floodlights shall be provided in hopper area		
17.3	A Whelen PKRTA8, Super-LED directional warning light shall be mounted on the upper portion of the hopper		
17.4	Two (2) Whelen amber PKRSYS2 (pair), Super-LED warning lights shall be mounted one (1) each side, upper portion of the body		
17.5	Daytime Running Lights		
17.6	Two (2) Whelen amber 5GA00FAR, LED warning lights shall be mounted in the bumper area or grille area (one (1) each side)		
18. HYDRAULIC TANK			
18.1	A shut off valve shall be provided in the suction line at the tank		
19. WARRANTY			
19.1	Packer Unit: two (2) years from original delivery date		
19.2	Warranty facilities shall have serviced said equipment for a minimum of five (5) years as the factory’s authorized service center		
19.3	Vendor must be able to provide onsite warranty repair and service for the City of Atlanta’s fleet.		
19.4	Vendor shall provide a supply of high use consumable materials including those dedicated to the preventive maintenance of the unit for a period of one (1) year.		
19.5	All warranty repairs must be completed within 48 hours		

FIRM NAME _____ SIGNATURE _____

Item Number	Group XXIV – 6 yard Diesel Rear Loader Refuse Truc. Description	Compliance	Exception
19.6	All warranty repairs taking more than 48 hours must be documented in writing by the vendor and a completion date will be agreed on by the city		
19.7	Provide copies of standard warranty for assembled and delivered vehicle.		
19.8	Provide forms for delayed warranty start if vehicle delivery to COA is delayed due to upfit of special equipment or modification.		
19.9	Provide copies of standard warranty for systems and components as provided by individual suppliers.		
19.10	As a continuous operation of the vehicle described by this specification, it is of utmost importance for the successful bidder to be in a position to furnish replacement parts. Accordingly, bidders shall indicate the extent of their ability to provide parts by furnishing a list of branch offices or agencies where complete stocks of repair parts are maintained and can be secured within 24 hours after ordering by part number from the manufacturer's part book and at such discount as may be quoted from year to year by the manufacturer of the vehicle purchased under this specification.		
19.11	Manufacturer's standard warranty or warranty for a minimum of 24 months or 2,000 hours		
19.12	Option: Provide information and cost estimate for a five (5) year or 100,000 mile warranty on the vehicle or other extended warranty period.		
20.	TRAINING		
20.1	Bidder must provide a minimum of eight (8) hours of on-site technician training by the body manufacturer for technicians upon receipt of the unit per order. Training to include at a minimum system diagnostics, hydraulic, fuel, electric, and pneumatic systems and controls.		
20.2	Bidder must also provide a minimum of two (2) technicians full CNG Factory certification training (as applicable).		
20.3	All training classroom materials and travel expenses associated with the training shall be the responsibility of the successful bidder. The City of Atlanta reserves the rights to send additional technicians to the training at the city's expense.		

FIRM NAME _____ SIGNATURE _____

Item Number	Group XXIV – 6 yard Diesel Rear Loader Refuse Truc. Description	Compliance	Exception
20.4	Bidder must perform a minimum of eight (8) hours of operator training per unit ordered		
20.5	The City of Atlanta’s fleet maintenance facility can be utilized as a service facility to perform the required warranty repairs.		
21.	DOCUMENTATION		
21.1	Operator’s Manuals: A minimum of two (2) hard copies of the operator’s manuals shall be provided with each unit.		
22.	DRIVE TRAIN DIAGNOSTICS		
22.1	The contractor shall provide all diagnostic programs to diagnose and effect repairs to the unit, whether on-line access or software to be installed on a City-owned computer and updated as necessary, for ten (10) years (minimum).		
22.2	The contractor shall supply two (2) sets of all electronic connective devices or cables necessary to allow communication between any vehicle electronic control module and Metro-provided diagnostic computers.		
22.3	Contractor to provide access to the electronic diagnostic information and software for the entire unit, engine, transmission, body, generator, etc. and include diagnostic cables or connecting boxes to access the unit’s electronic control systems for the life of the unit.		
23.	DELIVERY		
23.1	<u>Delivery Location:</u> Office of Fleet Services Technical Services Branch 23 Claire Drive, S.E. Atlanta, GA 30315		
24	DECALS, BADGES, ADVERTISEMENTS		
24.1	No dealer emblems, decals, or any other form of advertisement or identification shall be attached to the vehicle.		

3.2.24 MINIMUM SPECIFICATIONS – REPAIR SERVICES AND PARTS

Item Number	Group XXIV – 6 yard Diesel Rear Loader Refuse Trucks Description	Compliance	Exception
25.	SERVICE PROVIDER RESPONSIBILITIES		

FIRM NAME _____ SIGNATURE _____

- 3.6 Pre-bid Conference- There will be a pre-bid conference held for all interested bidders on Wednesday, March 2, 2016 at 10:00 a.m., City of Atlanta, Department of Procurement, 55 Trinity Avenue, SW, Suite 1900, Atlanta, Georgia 30303. Whereas the pre-bid conference is **mandatory**, we do encourage all interested vendors to attend. If you have any questions, please contact the Buyer, Annette Pellum at 404-330-6273, or you may email her at apellum@atlantaga.gov.

4. **APPLICABLE DOCUMENTS, STANDARDS AND SPECIFICATIONS**

- 4.1 Material(s), goods or service(s) covered by this Invitation for Bid shall comply with all Federal Occupational Safety and Health Acts, FAA Standards and Georgia Occupational Safety and Health Act requirements, where applicable and in effect at time of delivery. |

5. **QUALITY ASSURANCE PROVISIONS**

- 5.1 Test and Inspection -It shall be the vendor's responsibility to perform all tests and inspections required by this specification unless otherwise stated in the purchase order, data sheet, and/or contract. The vendor may use in the process their own facility or any recognized independent laboratory acceptable to the City of Atlanta. The City of Atlanta reserves the right to perform any of the tests and inspection requirements where such tests and inspections are needed to further determine compliance with this specification.
- 5.2 Certification | It shall be the vendor's responsibility to submit, in lieu of the certification, a Compliance Certificate. Full acceptance of the materials shall be subject upon findings of suitability as determined under Section 5.1.
- 5.3 Sampling - It shall be the vendor's responsibility to submit a random sample testing in accordance with this specification. Material furnished shall be identical to the sample submitted for performance test and shall comply with the requirements set forth herein. If the material does not comply with the requirements of this specification, or is not identical to the original sample submitted, the vendor shall be required to replace all such materials at their own expense. This includes all handling charges and transportation, with the material that does so comply. |
- 5.4 Quality and Quantity Control - A system of test and inspection shall be used to insure receipt of the quality and quantity of items supplied. Goods will be promptly unpacked and inspected; any discrepancies from purchase order or supplier invoice will be reported immediately to the Chief Procurement Officer of the Department of Procurement.

FIRM NAME _____ SIGNATURE _____

- 5.5 Plant and Facility Inspections - The Department of Procurement may require the vendor to make their plant and facilities available for inspection, or may require additional information concerning the vendor's ability to comply with the requirements of this specification, or its ability to perform in accordance with delivery requirements and within budget. In addition to the above, vendor may be required to produce shop orders and backlog orders documentation. Failure to comply with this requirement may cause rejection of the bid package.
- 5.6 Protection - The vendor shall assume all costs arising from the use of patented materials, devices, or processes incorporated in the materials furnished. The vendor further agrees to indemnify and hold harmless the City of Atlanta and its duly authorized agents from suits of law or actions of any nature for or on account of the use of any patented materials, equipment devices or processes.
- 5.7 Travel Expense - The City of Atlanta may require one or more visits to the vendor's plant to assure compliance with the City requirement. The cost of such visits shall be absorbed by the supplier after the purchase order has been assigned.

6. **PREPARATION FOR DELIVERY**

- 6.1 Packing - Packing shall be accomplished in accordance with acceptable commercial practices for domestic shipments, unless otherwise stated in the contract or purchase order. The vendor shall make shipments using the minimum number of containers consistent with the requirements of safe transit, available mode of transportation and routing. It shall be the vendor's responsibility to determine that packing is adequate to assure that all materials shall arrive at destination in an undamaged condition ready for intended use.
- 6.2 Marking - All packages shall be identified with the City of Atlanta purchase order number and the using Bureau. Sealed packing lists must be affixed to all cartons showing its content.
- 6.3 Shipping - The vendor shall follow shipping instructions as stated on the purchase order or contract.
- 6.4 Delivery Schedule and Liability - It shall be the vendor's responsibility to maintain delivery schedule as stated on bid. The City must be notified of any change at least ten (10) days prior to original delivery date. Notification of shippage, however, shall not relieve the vendor from late delivery penalties as outline below. The vendor is urged to realistically and

FIRM NAME _____ SIGNATURE _____

accurately state its proposed delivery for the items called for in the Invitation for Bid Pricing Sheet.

Split delivery may be accepted, if it is found to be in the best interest of the City but shall not be made in quantities of less than fifty percent (50%) of the total purchase order or contract quantity.

The vendor shall not, for any reason, delay delivery of items necessary to the upkeep of the City. The City of Atlanta reserves the right to enforce a Late Delivery Penalty to a delinquent vendor. Late delivery penalties are in the amount of one percent (1%) for each day of delay to a maximum of five percent (5%) of the total purchase order or contract amount beginning after a ten (10) day grace period from the expired delivery date.

7. **WARRANTY**

It shall be the vendor's responsibility to submit, at time of shipment, the original manufacturer's warranty of the materials(s) supplied.

8. **GUARANTEE**

The material shall be guaranteed to be free from defects of construction, conception and workmanship for a period of at least twelve (12) months from date of acceptance. Any part or portion found not in accordance with this specification will be rejected and returned to vendor at vendor's expense for immediate replacement.

9. **FACE SHEET AND ALL PAGES OF THIS SPECIFICATION, SIGNED BY AN AUTHORIZED REPRESENTATIVE, MUST BE RETURNED WITH YOUR BID; OTHERWISE BID MAYBE CONSIDERED INVALID.**

10. **IF YOU DO NOT QUOTE, PLEASE RETURN THE COVER SHEET WITH YOUR COMPANY NAME AND THE REASONS YOU ARE NOT QUOTING. OTHERWISE, AFTER THREE (3) NO RESPONSES YOUR COMPANY'S NAME MAY BE REMOVED FROM OUR VENDOR LIST.**

11. **A COMPLETE CONTRACT EMPLOYMENT REPORT OR CURRENT LETTER OF CERTIFICATION FROM THE CITY OF ATLANTA MUST ACCOMPANY EACH BID. FAILURE TO COMPLY WILL RENDER BID INVALID.**

12. **IF YOU QUOTE, PLEASE SIGN EACH "BID SHEET" IN BLUE INK, DO NOT 'WHITE OUT' ENTRIES OR YOUR BID MAY BE DEEMED NON-RESPONSIVE. AND, PUT THE NAME OF YOUR COMPANY ON EACH OF THE BID SHEETS OR YOUR BID MAY BE DEEMED NON-RESPONSIVE.**

FIRM NAME _____ SIGNATURE _____

13. **SUBMIT THE ORIGINAL AND ONE (1) COPY OF THE BID AND REQUIRED ATTACHMENTS.**

FIRM NAME _____ **SIGNATURE** _____

ATTACHMENT 'A'



FIRM NAME _____ SIGNATURE _____

VENDOR REFERENCES

PROJECT TYPE: **TRUCKS** ITB/FC NO.: **8769-AP** BUYER/CO: **ANNETTE PELLUM**

PROJECT NAME: **REFUSE TRUCKS**

Department of Procurement employees cannot be listed as a Vendor Reference.

1. _____
Company Name Contact Person

_____ City/State/Zip
Address

_____ County
Phone Number

COMMENTS: _____

2. _____
Company Name Contact Person

_____ City/State/Zip
Address

_____ County
Phone Number

COMMENTS: _____

3. _____
Company Name Contact Person

_____ City/State/Zip
Address

_____ County
Phone Number

COMMENTS: _____

FIRM NAME _____ SIGNATURE _____