

INVITATION FOR BID

BID NUMBER: 8769-AP-A1
RTG DATE: Thursday, April 07, 2016
OFFICE OF FLEET SERVICES

SEALED BIDS FOR:

ADDENDUM #1 – CNG AND DIESEL FRONT, SIDE AND REAR LOADER REFUSE TRUCKS – TO BE ORDERED AS NEEDED FOR A PERIOD OF THREE (3) YEARS FROM THE DATE OF AWARD IN ACCORDANCE WITH THE ATTACHED SPECIFICATION

Sealed bids, for furnishing the supplies or services contained herein will be received by:

**CITY OF ATLANTA
DEPARTMENT OF PROCUREMENT
CITY HALL SOUTH, SUITE 1900
55 TRINITY AVENUE, S.W.
ATLANTA, GEORGIA 30303-0307**

First floor, **no later than 2:00 P.M.**, (OUR BID CLOCK TIME IS VERIFIED AND CALIBRATED WITH THE BUREAU OF NATIONAL STANDARDS TIME PRIOR TO EACH BID OPENING) **Tuesday, May 10, 2016** and at that time will be publicly opened and read in Suite 1900.

A Pre-Bid Conference/Site Visit – There is a **Mandatory** Pre-Bid on **Wednesday, March 2, 2016 at 10:00a.m.** at 55 Trinity Avenue, S.W., Suite 1900, Atlanta, GA 30303. The deadline for bidders to submit questions regarding the bid is **Friday, March 04, 2016**. Questions should be submitted via email to **Annette Pellum**, Buyer at **apellum@atlantaga.gov**. For information, call (404) 330-6273.

This form **MUST** be returned with all bids. Bids must be typed or printed in **blue ink**. Refer to Bid Number, Date and Time on the **enclosed return label**. All bids must be hand delivered, delivered by courier service or mailed via United States Postal Service. No facsimile will be accepted. One (1) original ITB in **blue ink** must be submitted and must be marked as an original as well as one (1) ITB copy which must be marked as copy. **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and put the name of your company on each sheet and each pricing sheet page must be stamped “original”.** If you do not quote, return signed bid invitation sheet and state reason; otherwise, your name may be removed from our mailing list. **Failure to follow these instructions could result in your bid being rejected.**

ALL COMMUNICATION PERTAINING TO THIS BID MUST BE DIRECTED TO THE DEPARTMENT OF PROCUREMENT REFERENCING BID NUMBER. BIDDER MAY NOT CONTACT OTHER BUREAUS OR CITY EMPLOYEES REGARDING THIS BID PRIOR TO AWARD OF PURCHASE ORDER. VIOLATION OF THIS INSTRUCTION WILL RESULT IN NON-ACCEPTANCE OF YOUR BID.

_____			_____	
Legal Name of Firm			Authorized Representative/Please Type/Print	
_____			_____	
Address			Signature/Title	
_____	_____	_____	_____	
City	State	Zip Code	Area Code/Telephone Number/Email Address	
_____			_____	
Date Submitted			COA Supplier ID#	

BIDS MAY BE SUBMITTED FOR EVALUATION, BUT NO AWARD WILL BE MADE UNLESS YOU POSSESS A CURRENT BUSINESS LICENSE THAT AUTHORIZES BIDDER TO TRANSACT BUSINESS AT A LOCATION IN THE STATE OF GEORGIA. IN THE CASE OF AN OUT OF STATE BUSINESS WITH NO LOCATION OR OFFICE IN GEORGIA, WHICH EXERTS SUBSTANTIAL EFFORTS WITHIN THE STATE AND CITY, SUCH BUSINESS MUST OBTAIN A CITY OF ATLANTA, BUSINESS LICENSE AS REQUIRED BY CITY CODE SECTION 30-52, ET SEQ. TO OBTAIN A BUSINESS LICENSE, CONTACT: CITY OF ATLANTA, BUSINESS LICENSE DIVISION, CITY HALL SOUTH, SUITE 1350, 55 TRINITY AVENUE, S.W., ATLANTA, GEORGIA 30303-0307, and (404) 330-6213.

In compliance with the aforementioned, the bidder agrees to furnish and deliver the goods and/or services at the prices indicated. It is agreed that this bid shall constitute an offer, and if accepted by the City, delivered to the designated point(s) within the time specified.

PRICES CONSIDERED F.O.B. DESTINATION UNLESS OTHERWISE STATED.

MERCHANDISE/SERVICE TO BE DELIVERED: AS DIRECTED

NOTE: Read all instruction, conditions, specifications, etc., in detail. Acceptance of your quotation guarantees your price and it cannot be withdrawn. Check all figures before submitting bid. UPON REQUEST, A COPY OF THE BID TABULATION WILL BE MADE AVAILABLE TO YOU AT A COST OF \$.10 PER PAGE.

All Bids are subject to the following:

1. Compliance with City of Atlanta Code, Section 2-1413, Requirements for execution of City contracts and Section 2-1414, Equal Employment Opportunity clause. In conjunction with these Code sections, a completed Contract Employment Report or a current letter of certification from the City of Atlanta Office of Contract Compliance must accompany each bid.
2. Compliance with bidding instructions, terms, and conditions (pages 3 and 4).
3. Other provisions, certifications, Insurance, Payment and/or Performance Bonds, if incorporated by reference in this schedule.
4. Additional instructions, special conditions applicable to indefinite quantity invitations on Annual Contracts.
5. A completed W-9 Request for taxpayer identification number and Certification Form.
6. A Notarized E-Verify Contractor Affidavit and/or Subcontractor Affidavit, even if not applicable.
7. Enter your City of Atlanta Supplier ID number on page one (1) of the ITB. A Supplier number can be obtained by registering at www.atlantaga.gov.

FIRM NAME _____ SIGNATURE _____

*******ADDENDUM #1*******

**BID NUMBER 8769-AP-A1,
CNG AND DIESEL FRONT, SIDE AND REAR LOADER
REFUSE TRUCKS**

Changes to this Specification

******* NEW BID DUE DATE May 10, 2016 *******

*******Replace entire specification and pricing sheet with new specification and pricing sheet posted as 8769-AP-A1 on the city website.*******

****ALL PAGES OF THIS ADDENDUM MUST BE RETURNED WITH YOUR ORIGINAL BID. ****

****FAILURE TO RETURN ALL PAGES OF THIS ADDENDUM WITH YOUR ORIGINAL BID, MAY DEEM BID AS INCOMPLETE AND COULD BE CAUSE FOR REJECTION OF BID AND AN AWARD.****

We apologize for any inconvenience this may have caused.

ABSOLUTELY NO BIDS WILL BE ACCEPTED AFTER 2:00 P.M.

Bids will be publicly opened and read at 2:00 P.M., in Suite 1900, 1st Floor, 55 Trinity Avenue, S.W., City Hall South, Atlanta, Georgia.

****ALL PAGES OF THIS ADDENDUM MUST BE SIGNED AND SUBMITTED WITH YOUR ORIGINAL BID. ****

FIRM NAME _____ SIGNATURE _____

Material Type: REFUSE TRUCKS
Item Number: 0705342
Revision Date: April 7, 2016

CITY OF ATLANTA SPECIFICATION FOR REFUSE TRUCKS

I. SCOPE AND CLASSIFICATION

1.1 Scope - This specification describes the minimum acceptable requirement for all Refuse Trucks.

1.2 Classification

GROUP I - 34 YARD CNG FRONT LOADER REFUSE TRUCKS,
REPAIR SERVICES & PARTS

GROUP II - 34 YARD DIESEL FRONT LOADER REFUSE TRUCKS,
REPAIR SERVICES & PARTS

GROUP III - 40 YARD CNG FRONT LOADER REFUSE TRUCKS,
REPAIR SERVICES & PARTS

GROUP IV - 40 YARD DIESEL FRONT LOADER REFUSE TRUCKS,
REPAIR SERVICES & PARTS

GROUP V - 28 YARD CNG AUTOMATED SIDE LOAD REFUSE
TRUCKS, REPAIR SERVICES & PARTS

GROUP VI - 28 YARD DIESEL AUTOMATED SIDE LOAD REFUSE
TRUCKS, REPAIR SERVICES & PARTS

GROUP VII - 25 YARD CNG REAR LOADER REFUSE TRUCKS,
REPAIR SERVICES & PARTS

GROUP VIII - 25 YARD DIESEL REAR LOADER REFUSE TRUCKS,
REPAIR SERVICES & PARTS

GROUP IX - 20 YARD CNG REAR LOADER REFUSE TRUCKS,
REPAIR SERVICES & PARTS

GROUP X - 20 YARD DIESEL REAR LOADER REFUSE TRUCKS,
REPAIR SERVICES & PARTS

FIRM NAME _____ SIGNATURE _____

GROUP XI - 11 YARD CNG REAR LOADER REFUSE TRUCKS,
REPAIR SERVICES & PARTS

GROUP XII - 11 YARD DIESEL REAR LOADER REFUSE TRUCKS,
REPAIR SERVICES & PARTS

GROUP XIII - 6 YARD CNG REAR LOADER REFUSE TRUCKS,
REPAIR SERVICES & PARTS

GROUP XIV - 6 YARD DIESEL REAR LOADER REFUSE TRUCKS,
REPAIR SERVICES & PARTS

2. **NOTES**

IMPORTANT: INSTRUCTIONS TO ALL BIDDERS:

The City may consider valid only those bids, which comply with these instructions:

2.1 At numbered specific requirement section, all bidders must insert "Compliance" or "Exception" in each space provided.

2.2 Bidder "exceptions", further clarification, or notes must be detailed in these spaces or on an additional sheet referencing the numbered specification paragraph.

2.3 Report of Purchases - An itemized (monthly) report of all purchases made during the first nine (9) months of this contract is required to be submitted to the Chief Procurement Officer during the tenth (10th) month of this contract. Failure to submit "Report of Usage" may result in forfeiture of future contracts with the City of Atlanta.

2.4 The equipment to be furnished must be currently on production and shall be manufacturer's standard model complete with all standard equipment. When cost effective and consistent with operational needs of the department, all energy consuming equipment purchased will be energy efficient, defined as meeting either Energy Star specification of criteria that puts products in the upper 25% of energy efficiency, as well as meeting quality, performance and durability requirements.

FIRM NAME _____ SIGNATURE _____

- 2.5 All bidders must submit two (2) sets of descriptive literature (If applicable) plainly marked with:
- A - Company Name
 - B - Group to which literature pertains for each item and components bid.
- 2.6 This Invitation for Bid covers parts and service for one (1) year after delivery date. Bidder must submit price information for parts and service indicating schedule or rate of discount, which shall apply to the City of Atlanta.
- 2.7 Bidder (where applicable) must be able to supply ninety percent (90%) of parts required to maintain this equipment within 24 hours and have access to the remaining ten percent (10%) of parts within 72 hours.
- 2.8 Bidders will supply original manufacturer part crossover numbers for parts, which are not manufactured by the equipment manufacturer after the award of bid but prior to the delivery of equipment.
- 2.9 Successful bidder (where applicable) must provide a minimum of four (4) hours instruction in the proper and safe use of the equipment.
- 2.10 Successful bidder must provide parts, service and operating manuals for each unit provided.
- 2.11 Reserved
- 2.12 Without expressed or implied obligation on the part of the City of Atlanta to perform, the bidder may submit an option to the City for a multi-year purchase concept covering three (3) years' service and parts for equipment covered by this bid. State provisions of the multi-year purchase option including terms, price and expiration date. Attach a separate sheet.
- 2.12.1 The Code of Ordinance of the City of Atlanta specifically prohibits obligating the City for future budget years.
 - 2.12.2 In the event options are exercised to purchase units in subsequent years the provisions as related to parts and services will apply as indicated above.
- 2.13 The City of Atlanta reserves the right to increase or decrease quantities shown without penalty.

FIRM NAME _____ SIGNATURE _____

- 2.14 Quantities - None of the various agencies, either individually or collectively, will be required to purchase any minimum amount during the term of this contract, nor will they be limited, either individually or collectively, to any maximum amount during the term of this contract.
- 2.15 Any quantities remaining undelivered may be automatically canceled at expiration of contract or purchase order.
- 2.16 The City prefers to make a single award for all of the items listed. Separate awards may be made by group or by line item, if it appears to be in the best interest of the City to do so.
- 2.17 Default - The contract may be canceled or annulled by the Chief Procurement Officer in whole or in part by written notice of default to the vendor upon non-performance or violation of contract terms. An award may be made to the next lowest bidder or articles specified may be purchased on the open market similar to those so terminated. In either event, the defaulting vendor (or his/her surety) shall be liable to the City for costs to the City in excess of the defaulted contract prices provided that the vendor shall continue the performance of this contract to the extent not terminated under the provision of this clause. Failure of the vendor to deliver materials or services within the time stipulated on their bid, unless extended in writing by the Chief Procurement Officer, shall constitute contract default.
- 2.18 Escalation/De-Escalation Clause - Preference shall be given to the bidder submitting the lowest and best firm price as their bid. Should it be found that due to unusual market conditions it is to the best interest of the City of Atlanta to accept a price with an escalation/de-escalation clause, the following shall apply:
- 2.18.1 The contract price shall be frozen for a specified period.
This period must be shown on your bid.
- 2.18.2 Escalation - Cost data to support any proposed increase must be submitted to the Chief Procurement Officer of the Department of Procurement not less than thirty (30) days prior to the effective date of any such requested price increase.
- 2.18.3 Any adjustment allowed shall consist only of bona fide cost increases resulting from such situations as unforeseen raw material cost increase which may be passed on to the consumer.
- 2.18.4 No adjustment shall be made to compensate a supplier for inefficiency in operation, or for additional profit.

FIRM NAME _____

SIGNATURE _____

2.18.5 De-Escalation – In the event that market media indicators show that the prices for those materials, goods or services have overall decreased but the vendor has failed to pass the price decrease onto the City, the City reserves the right to place the vendor in default for cause, cancel the awarded contract, remove the vendor from the City of Atlanta Bidders List for a period deemed suitable to the City, and recuperate any damages from the vendor.

2.19 Evaluation Criteria - Listed below are the criteria used to evaluate bids for the City of Atlanta. These criteria will carry as much weight as Low Bid so that the City of Atlanta, in evaluating bids will be able to determine the “Lowest Complete and Satisfactory Bidder” which will be in the best interest of the City. The criteria are as follows:

- a. Conformance to Specification
- b. Low Bid
- c. Price
- d. Training - (Amount of Hours and Level Offered)
- e. Parts Availability - (Local Source)
- f. Capability - of unit (s) offered to perform the tasks of the User Department(s). Field Demonstrations may be requested to insure that the equipment meets User and Engineering Specifications.
- g. Financial Capability
- h. Discount Offered
- i. Freight Charges
- j. Delivery Time
- k. Warranty
- l. Vendor Past Performance
- m. Vendor Availability to Perform
- n. Vendor Reference - Vendor shall submit three (3) references from individuals, entity or corporation for which a similar project was successfully completed within time and budget. Also to be of consideration in the evaluation of bid is the vendor’s past performance of this contract/supply bid. **(Please see final page of this specification for Vendor Reference form)**

2.20 Will your company accept a portion of this contract? Please check in the appropriate space. _____ yes _____ no

2.21 Reserved

2.22 Brand Name or Trade Name Instructions - If items in this Invitation for Bid have been identified, described or referenced by a brand name or trade name description, such identification is intended to be descriptive, but not

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restrictive and is to indicate the quality and characteristics of products that may be offered. Products may be considered for award if such products are clearly identified in the bids and are determined by the City of Atlanta to meet its needs in all respects.

- 2.22.1 All bidders, including bidders whose products may be referenced, shall clearly indicate manufacturer/trade name and identifying number in space provided within Pricing Sheet of this Invitation for Bid.
- 2.22.2 If the bidder proposes to furnish another product, such products shall be clearly identified in the bid. The evaluation of bids and the determination as to equality of products offered shall be the responsibility of the City and will be based on information furnished by the bidder. Accordingly, to insure that sufficient information is available the bidder may be required to submit literature and/or samples prior to award. These shall be supplied within seven days, if required.
- 2.22.3 The purchase of any item by the City as a result of this Invitation for Bid is not a judgment of one product against another. Consideration of application, need and price will constitute purchase determination.
- 2.23 Alternate Bid – Bidders, who have other items they wish to offer in lieu of or in addition to that required by this Contract, should submit a separate Bid marked "ALTERNATE BID FOR BID NO. 8769-AP-A1". Alternate Bids will automatically be deemed non-responsive and will not be considered for award of the subject Contract. Such bids however, may be examined prior to award the subject Contract and may result in either cancellation of all bids to permit rewriting of the Specifications to include the alternate item in a rebid or the alternate item may be considered for future requirements.
- 2.24 A careful and accurate account of labor, including the name(s) or identification of mechanic(s), helper(s), etc. and the hours of work applied to each job, listing actual parts used in the performance of each job, description of the City equipment as well as parts only purchased under this contract is to be maintained by the vendor for a period of not less than one year. Such account or record may be subject to audit by an authorized City official.
- 2.25 Invoices must be itemized to show hours of labor, parts, materials, accessories with unit price and extension, including the applicable purchase order number.

FIRM NAME _____ SIGNATURE _____

2.26 Audit - The vendor shall maintain all books, documents, papers and records pertaining to this contract and to make such books and records available for inspection and auditing, upon reasonable notice by the City. As a result of any such audits, overcharges will be adjusted and compensation made by the vendor as applicable under this contract. Such books and records shall be maintained and made available for inspection and auditing for the duration of this contract and for a period of not less than three (3) years after the expiration date of contract.

3. REQUIREMENTS

Please state "Compliance" or "Exception" pursuant the instructions contained in paragraph NOTES, 2.1 and 2.2 of the ITB. Check marks, dittos or any other markings may not be accepted and your bid could be rejected.

3.1 Definition - For the purpose of this bid, "Parts" shall be defined as components of a unit to be provided by the vendor to the City. "Service" shall be defined as the furnishing of labor time or effort by a vendor, to repair or rebuild (where applicable), a part, component, or (where applicable), the unit/item as a whole.

GROUP I – 34 YARD CNG FRONT LOADER REFUSE TRUCKS

3.2.1 MINIMUM SPECIFICATIONS – CAB AND CHASSIS

Item Number	Group I -- 34 Yard CNG Front Loader Refuse Trucks Description	Compliance	Exception
1. STANDARD INTERIOR CONTENT			
1.1	Seats: Air ride driver seat with right side drive and left side/work side either stand up or sit down		
1.2	Upholstery: Vinyl, dark in color.		
1.3	Radio: AM/FM/ Stereo Radio.		
1.4	Air Conditioning: Standard factory installed.		
1.5	Safety Equipment – <ul style="list-style-type: none"> - One (1) rechargeable dry chemical fire extinguisher (Model RPIA-10G) mounted in cab - Three (3) triangles in plastic box and a first aid kit shall all be mounted inside the cab. 		
1.6	A placard with the "overall" height shall be mounted in at the cab dash area in clear view of the driver.		
2. STANDARD EXTERIOR CONTENT			
2.1	Mirrors: 8" (driver/passenger sides) Adjustable west coast mirrors with convex spot mirrors.		

FIRM NAME _____ **SIGNATURE** _____

Item Number	Group I – 34 Yard CNG Front Loader Refuse Trucks Description	Compliance	Exception
2.2	Truck cab shall be Forrester Green		
2.3	Low entry steps or equivalent. From ground on both sides. (operators able to step straight into cab)		
3. BODY AND CHASSIS			
3.1	GVWR: Gross Vehicle Weight Rating to be a minimum of 66,000 lb. Indicate proposed total GVWR and maximum GAWR for each axle.		
3.2	Frame:		
3.3	Manufacturer's standard to meet GVWR and trash body capacities		
3.4	Wheelbase: Appropriate for proposed chassis. State dimension:		
4. DRIVE TRAIN			
4.1	Engine:		
4.1.1	Cummins CNG Engine or equal CNG compatible engine in production or current engine (list all engine options)		
4.1.2	Engine warranty: Five (5) years (100% parts and service)		
4.2	TRANSMISSION:		
4.2.1	Allison 4000 series or compatible configuration based on engine being bid.		
4.2.2	Transmission ETC-five (5) warranty shall be included; five (5) years (100% parts and service)		
4.2.3	Thelma electric brake retarder.		
4.3	STEERING:		
4.3.2	Tilt and telescopic steering wheel		
4.4	FRONT AND REAR SUSPENSION :		
4.4.1	Engineered to accommodate the bided chassis		
4.5	WHEELS/TIRES:		
4.5.1	Front Wheels: Stud piloted steel disc wheels 22.5 inches by 9 inches		
4.5.2	Front Tires: 315 x 80R 22.5, 20-ply rating tubeless radial		
4.5.3	Rear Wheels: Steel disc 22.5 inches x 8.25 inches		
4.5.4	Rear Tires: 11R x 22.5, 16 ply rating tubeless radial		
4.5.5	Splash guards and mud flaps shall be provided around the front wheel openings.		
5. BRAKES			
5.1	Full air brake system with ABS.		
5.2	Air dryer system installed.		

FIRM NAME _____

SIGNATURE _____

Item Number	Group I – 34 Yard CNG Front Loader Refuse Trucks Description	Compliance	Exception
6. ELECTRICAL			
6.1	Alternator should be designed to accommodate all chassis components.		
6.2	Battery: heavy duty with a total of 2,750 CCA minimum.		
6.3	Daytime running lights.		
6.4	Backup Alarm		
6.5	A factory battery disconnect switch		
7. CNG FUEL SYSTEM			
7.1	CNG Tanks		
7.1.1	The CNG fuel tanks shall be factory installed and warranted by the body manufacturer. The tanks shall meet all applicable regulations		
7.1.2	The fuel storage pack shall be 75 Diesel Gallon, or Equivalent.		
7.1.3	The tanks shall be frame mounted to maximize capacity. The mounting and cabinets shall be factory installed and warranted by the body manufacturer. No roof mounted units.		
7.2	CNG DESIGN CRITERIA		
7.2.1	The system inclusive of all structural and plumbing components shall be designed as per NFPA 52-2006 edition. All high pressure stainless steel fuel lines to be 3/8" O.D. X .049 wall thickness.		
7.2.3	The CNG tanks must be fueled at the body of the OEM facility prior to delivery.		
7.2.4	<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>		

FIRM NAME _____ SIGNATURE _____

Item Number	Group I – 34 Yard CNG Front Loader Refuse Trucks Description	Compliance	Exception
	Installer: _____ Year Model: _____		
7.2.5	One (1) 50' hose for defueling/refueling truck to truck.		
7.2.6	Each unit will have a methane leak detector installed as part of the CNG configuration		

Item Number	Group I - 34 yard CNG Front Loader Refuse Trucks Description	Compliance	Exception
8. CAPACITIES/PERFORMANCE			
8.1	Packer body must meet all applicable ANSI Z-245.1 safety standards		
8.2	High compaction design packing system with a packing rate of a minimum of 1,000 pounds per cubic yard		
8.3	Maximum overall clearance height shall not exceed 102 inches above the chassis frame		
8.4	Maximum overall width shall not exceed 96 inches		
8.5	Packer body manufacturer to be ISO 9001 certified (provide certification documentation)		
9. HOPPER			
9.1	Capacity shall be a minimum of 12 cubic yards as rated by TBEA and ANSI standards		
10. SAFETY FEATURES			
10.1	Two (2) 12" by 12" inch permanent decals on rear of vehicle. Right side shall be yellow letters with black background, CAUTION this vehicle makes wide right turns. Left side shall be black letters with yellow background CAUTION this vehicle makes frequent stops		
10.2	Two (2) universal safety vehicle emblems to signify "Slow Moving Vehicle" to be mounted visible on top of rear tailgate (Emblems shall be adhesive decal)		
10.3	A 2" red/white, 3-M reflective conspicuity tape shall be applied to the front, rear and side of the entire cab and body of the truck. Conspicuity tape shall also be applied to the rear, top and bottom of the body hopper area		
10.4	A three (3) camera system shall be provided mounted in the hopper area, on the dumping mechanism arm, and rear of the vehicle on the rear door for viewing the dumping operations and when the vehicle is placed in the reverse		

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Item Number	Group I - 34 yard CNG Front Loader Refuse Trucks Description	Compliance	Exception
	mode all located as not to interfere with operations.		
11. LIGHTS			
11.1	All brake, hazard warning, signal, clearance, and tail lights shall LED design		
11.2	Automatic backup lights shall be provided		
11.3	Additional set of lights to be mounted on upper portion of the tailgate (to include brake, signal and tail lights).		
11.4	Two (2) flood lights shall be provided in hopper area		
12. HYDRAULIC QUICK DISCONNECT			
12.1	Two (2) quick disconnect fittings to be installed in hydraulic system for unloading disabled vehicles with an auxiliary hydraulic power unit. Auxiliary hydraulic power unit to be provided by the vendor.		
12.2	One (1) way valve included in pressure side		
13. SPECIAL EQUIPMENT/SAFETY			
13.1	Tool rack for storing shovels, rakes etc., to be installed on the passenger side under the body or as space permits		
13.2	Provide rack for five (5) gallon water keg mounted outside the cab with retainer straps with a mud flap to prevent the keg from debris or an approved water bottle storage compartment area		
13.3	Total vehicle ground clearance height shall be marked on the left and right front sides of the body in four (4) inch high lettering		
13.4	Two (2) 12" x 12" inch permanent decals on rear of vehicle. Right side shall be yellow letters with black background, "CAUTION this vehicle makes wide right turns". Left side shall be black letters with yellow background "CAUTION this vehicle makes frequent stops".		
13.5	Two (2) universal safety vehicle emblems to signify "Slow Moving Vehicle" to be mounted visible on top of rear tailgate (Emblems shall be adhesive decal)		
14. PAINT			
14.1	Truck cab shall be Forrester Green or an approved equal color		
14.2	Body shall be Blue Akzo Nobel or an approved equal color		
14.3	City of Atlanta sign graphic to be created and installed, centered on each side of truck body with lettering white and shaded in red.		

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Item Number	Group I - 34 yard CNG Front Loader Refuse Trucks Description	Compliance	Exception
14.4	Sign graphics shall be approved by the City of Atlanta prior to installation. The sign is to include the City of Atlanta Solid Waste Services and conform to the body side of the unit. (SEE ATTACHMENT 'A')		
14.5	A two (2) inch red/white reflective stripe shall extended on each side, front, and rear of the vehicle		
14.6	The entire front bumper area shall be covered with 3-M, red/white reflective conspicuity tape. The tape shall be 2" wide and placed at an alternating sequence on a 45-degree alignment		
15. WARRANTY			
15.1	Packer Unit: One (1) year from original delivery date		
15.2	Warranty facilities shall have serviced said equipment for a minimum of five (5) years as the factory's authorized service center		
15.3	A dual tandem hydraulic pump or any system that allows truck to operate dumping operations at idle.		
15.4	Vendor must be able to provide onsite warranty repair and service for the City of Atlanta's fleet.		
15.5	All warranty repairs must be completed within 48 hours		
15.6	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		
15.7	Provide copies of standard warranty for assembled and delivered vehicle.		
15.8	Provide forms for delayed warranty start if vehicle delivery to COA is delayed due to upfit of special equipment or modification.		
15.9	Provide copies of standard warranty for systems and components as provided by individual suppliers.		
15.10	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		

FIRM NAME _____ SIGNATURE _____

Item Number	Group I - 34 yard CNG Front Loader Refuse Trucks Description	Compliance	Exception
	this specification.		
16. TRAINING			
16.1	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.		
16.2	Bidder must also provide a minimum of two (2) technicians full CNG Factory certification training.		
16.3	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.		
16.4	Bidder must perform a minimum of eight (8) hours of operator training per unit ordered		
16.5	The City of Atlanta's fleet maintenance facility can be utilized as a service facility to perform the required warranty repairs.		
17. DOCUMENTATION			
17.1	Operator's Manuals: A minimum of two (2) hard copies of the operator's manuals shall be provided with each unit.		
18. DRIVE TRAIN DIAGNOSTICS			
18.1	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).		
18.2	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.		
18.3	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.		
19. DELIVERY			
19.1	<u>Delivery Location:</u> Office of Fleet Services Technical Services Branch		

FIRM NAME _____ SIGNATURE _____

Item Number	Group I - 34 yard CNG Front Loader Refuse Trucks Description	Compliance	Exception
	23 Claire Drive, S.E. Atlanta, GA 30315		
20 DECALS, BADGES, ADVERTISEMENTS			
20.1	No dealer emblems, decals, or any other form of advertisement or identification shall be attached to the vehicle.		

3.2.2 MINIMUM SPECIFICATIONS – REPAIR SERVICES AND PARTS

Item Number	Group I – 34 yard CNG Front Loader Refuse Trucks Description	Compliance	Exception
21. SERVICE PROVIDER RESPONSIBILITIES			
21.1	Contractor shall, under normal circumstances, begin work on equipment delivered to their repair facility within two (2) business days.		
21.2	Contractor shall maintain a minimum of 85% turnaround time within 168 business hours or seven (7) business days.		
21.3	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.		
21.4	All invoices for repair/service repair 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.		
21.5	A copy of the service/repair invoice shall be provided to OFS upon completion of the work.		

GROUP II – 34 YARD DIESEL FRONT LOADER REFUSE TRUCKS

3.2.3 MINIMUM SPECIFICATIONS – CAB AND CHASSIS

Item Number	Group II – 34 yard Diesel Front Loader Refuse Trucks Description	Compliance	Exception
1. STANDARD INTERIOR CONTENT			

FIRM NAME _____ **SIGNATURE** _____

Item Number	Group II –34 yard Diesel Front Loader Refuse Trucks Description	Compliance	Exception
1.1	Seats: Air ride driver seat with right side drive and left side/work side either stand up or sit down		
1.2	Upholstery: Vinyl, dark in color.		
1.3	Radio: AM/FM/ Stereo Radio.		
1.4	Air Conditioning: Standard factory installed.		
1.5	Safety Equipment – - One (1) rechargeable dry chemical fire extinguisher (Model RPIA-10G) mounted in cab - Three (3) triangles in plastic box and a first aid kit shall all be mounted inside the cab.		
1.6	A placard with the “overall” height shall be mounted in at the cab dash area in clear view of the driver.		
2. STANDARD EXTERIOR CONTENT			
2.1	Mirrors: 8” (driver/passenger sides) Adjustable west coast mirrors with convex spot mirrors.		
2.2	Truck cab shall be Forrester Green		
2.3	Low entry steps or equivalent. From ground on both sides. (operators able to step straight into cab)		
3. BODY AND CHASSIS			
3.1	GVWR: Gross Vehicle Weight Rating to be a minimum of 66,000 lb. Indicate proposed total GVWR and maximum GAWR for each axle.		
3.2	Frame:		
3.3	Manufacturer’s standard to meet GVWR and trash body capacities		
3.4	Wheelbase: Appropriate for proposed chassis. State dimension.		
4. DRIVE TRAIN			
4.1	Engine:		
4.1.1	Cummins Engine currently in production for manufacturer’s GVWR vehicle capacity		
4.1.2	Engine warranty: Five (5) years (100% parts and service)		
4.2	TRANSMISSION:		
4.2.1	Allison 4000 series or compatible configuration based on engine being bid.		
4.2.2	Transmission ETC-five (5) warranty shall be included; five (5) years (100% parts and service)		
4.2.3	Thelma electric brake retarder.		
4.3	STEERING:		
4.3.2	Tilt and telescopic steering wheel		

FIRM NAME _____ SIGNATURE _____

Item Number	Group II--34 yard Diesel Front Loader Refuse Trucks Description	Compliance	Exception
4.4	FRONT AND REAR SUSPENSION :		
4.4.1	Engineered to accommodate the bided chassis		
4.5	WHEELS/TIRES:		
4.5.1	Front Wheels: Stud piloted steel disc wheels 22.5 inches by 9 inches		
4.5.2	Front Tires: 315 x 80R 22.5, 20-ply rating tubeless radial		
4.5.3	Rear Wheels: Steel disc 22.5 inches x 8.25 inches		
4.5.4	Rear Tires: 11R x 22.5, 16 ply rating tubeless radial		
4.5.5	Splash guards and mud flaps shall be provided around the front wheel openings.		
5. BRAKES			
5.1	Full air brake system with ABS.		
5.2	Air dryer system installed		
6. ELECTRICAL			
6.1	Alternator should be designed to accommodate 911 chassis components.		
6.2	Battery: heavy duty with a total of 2,750 CCA minimum.		
6.3	Daytime running lights.		
6.4	Backup Alarm		
6.5	A factory battery disconnect switch		

Item Number	Group II--34 yard Diesel Front Loader Refuse Trucks Description	Compliance	Exception
7. Capacities/Performance			
7.1	Packer body must meet all applicable ANSI Z-245.1 safety standards		
7.2	High compaction design packing system with a packing rate of a minimum of 1,000 pounds per cubic yard		
7.3	Maximum overall clearance height shall not exceed 102 inches above the chassis frame		
7.4	Maximum overall width shall not exceed 96 inches		
7.5	Packer body manufacturer to be ISO 9001 certified (provide certification documentation)		
8. HOPPER			
8.1	Capacity shall be a minimum of 12 cubic yards as rated by TBEA and ANSI standards		
9. SAFETY FEATURES			

FIRM NAME _____ SIGNATURE _____

Item Number	Group II-34 yard Diesel Front Loader Refuse Trucks Description	Compliance	Exception
10.1	The body shall have heavy-duty, adjustable riding platforms at the rear sides of the body. The platforms shall have a minimum of 384 square inch standing surface.		
10.2	Two (2) 12" x 12" inch permanent decals on rear of vehicle. Right side shall be yellow letters with black background, CAUTION this vehicle makes wide right turns. Left side shall be black letters with yellow background CAUTION this vehicle makes frequent stops.		
10.3	Two (2) universal safety vehicle emblems to signify "Slow Moving Vehicle" to be mounted visible on top of rear tailgate (Emblems shall be adhesive decal)		
10.4	Non-skid material shall be provided on all grab handles and step		
10.5	A 2" red/white, 3-M reflective conspicuity tape shall be applied to the front, rear and side of the entire cab and body of the truck. Conspicuity tape shall also be applied to the rear, top and bottom of the body hopper area		
10.6	A three (3) camera system shall be provided mounted in the hopper area, on the dumping mechanism arm, and rear of the vehicle on the rear door for viewing the dumping operations and when the vehicle is placed in the reverse mode all located as not to interfere with operations.		
11. LIGHTS			
11.1	All brake, hazard warning, signal, clearance, and tail lights shall be LED design		
11.2	Automatic backup lights shall be provided		
11.3	Additional set of lights to be mounted on upper portion of the tailgate (to include brake, signal and tail lights).		
11.4	Two (2) flood lights shall be provided in hopper area		
12. HYDRAULIC QUICK DISCONNECT			
12.1	Two (2) quick disconnect fittings to be installed in hydraulic system for unloading disabled vehicles with an auxiliary hydraulic power unit. Auxiliary hydraulic power unit to be provided by the vendor.		
12.2	One (1) way valve included in pressure side		
13. SPECIAL EQUIPMENT/SAFETY			

FIRM NAME _____ SIGNATURE _____

Item Number	Group II-34 yard Diesel Front Loader Refuse Trucks Description	Compliance	Exception
13.1	Tool rack for storing shovels, rakes etc., to be installed on the passenger side under the body or as space permits		
13.2	Provide rack for five (5) gallon water keg mounted outside the cab with retainer straps with a mud flap to prevent the keg from debris or an approved water bottle storage compartment area		
13.3	Total vehicle ground clearance height shall be marked on the left and right front sides of the body in four (4) inch high lettering		
13.4	Two (2) 12" x 12" inch permanent decals on rear of vehicle. Right side shall be yellow letters with black background, "CAUTION this vehicle makes wide right turns". Left side shall be black letters with yellow background "CAUTION this vehicle makes frequent stops".		
13.5	Two (2) universal safety vehicle emblems to signify "Slow Moving Vehicle" to be mounted visible on top of rear tailgate (Emblems shall be adhesive decal)		
14. PAINT			
14.1	Truck cab shall be Forrester Green or an approved equal color		
14.2	Body shall be Blue Akzo Nobel or an approved equal color		
14.3	City of Atlanta sign graphic to be created and installed, centered on each side of truck body with lettering white and shaded in red.		
14.4	Sign graphics shall be approved by the City of Atlanta prior to installation. The sign is to include the City of Atlanta Solid Waste Services and conform to the body side of the unit. (SEE ATTACHMENT 'A')		
14.5	A two (2) inch red/white reflective stripe shall extended on each side, front, and rear of the vehicle		
14.6	The entire front bumper area shall be covered with 3-M, red/white reflective conspicuity tape. The tape shall be 2" wide and placed at an alternating sequence on a 45-degree alignment		
15. WARRANTY			
15.1	Packer Unit: one (1) year from original delivery date		
15.2	Warranty facilities shall have serviced said equipment		

FIRM NAME _____ SIGNATURE _____

Item Number	Group II-34 yard Diesel Front Loader Refuse Trucks Description	Compliance	Exception
	for a minimum of five (5) years as the factory's authorized service center		
15.3	Vendor must be able to provide onsite warranty repair and service for the City of Atlanta's fleet.		
15.4	Vendor is to 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.		
15.5	A dual tandem hydraulic pump or any system that allows truck to operate dumping operations at idle.		
15.6	All warranty repairs must be completed within 48 hours		
15.7	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		
15.8	Provide copies of standard warranty for assembled and delivered vehicle.		
15.9	Provide forms for delayed warranty start if vehicle delivery to COA is delayed due to upfit of special equipment or modification.		
15.10	Provide copies of standard warranty for systems and components as provided by individual suppliers.		
15.11	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.		
16. TRAINING			
16.1	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.		

FIRM NAME _____ SIGNATURE _____

Item Number	Group II-34 yard Diesel Front Loader Refuse Trucks Description	Compliance	Exception
16.2	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.		
16.3	Bidder must perform a minimum of eight (8) hours of operator training per unit ordered.		
16.4	The City of Atlanta's fleet maintenance facility can be utilized as a service facility to perform the required warranty repairs.		
17. DOCUMENTATION			
17.1	Operator's Manuals: A minimum of two (2) paper copies of the operator's manuals shall be provided with each unit.		
18. DRIVE TRAIN DIAGNOSTICS			
18.1	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).		
18.2	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.		
18.3	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.		
19. DELIVERY			
19.1	<u>Delivery Location:</u> Office of Fleet Services Technical Services Branch 23 Claire Drive, S.E. Atlanta, GA 30315		
20 DECALS, BADGES, ADVERTISEMENTS			
20.1	No dealer emblems, decals, or any other form of advertisement or identification shall be attached to the vehicle.		

FIRM NAME _____ SIGNATURE _____

3.2.4 MINIMUM SPECIFICATIONS – REPAIR SERVICES AND PARTS

Item Number	Group II – 34 yard Diesel Front Loader Refuse Trucks Description	Compliance	Exception
21. SERVICE PROVIDER RESPONSIBILITIES			
21.1	Contractor shall, under normal circumstances, begin work on equipment delivered to their repair facility within two (2) business days..		
21.2	Contractor shall maintain a minimum of 85% turnaround time within 168 business or seven (7) business days.		
21.3	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.		
21.4	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.		
21.5	A copy of the service/repair invoice shall be provided to OFS upon completion of the work.		

GROUP III – 40 YARD CMG FRONT LOADER REFUSE TRUCKS

3.2.5 MINIMUM SPECIFICATIONS – CAB AND CHASSIS

Item Number	Group III – 40 yard CNG Front Loader Refuse Trucks Description	Compliance	Exception
1. STANDARD INTERIOR CONTENT			
1.1	Seats: Air ride driver seat with right side drive and left side/work side either stand up or sit down		
1.2	Upholstery: Vinyl, dark in color.		
1.3	Radio: AM/FM/ Stereo Radio.		
1.4	Air Conditioning: Standard factory installed.		
1.5	Safety Equipment – - One (1) rechargeable dry chemical fire extinguisher (Model RPIA-10G) mounted in cab		

FIRM NAME _____ SIGNATURE _____

Item Number	Group III -- 40 yard CNG Front Loader Refuse Trucks Description	Compliance	Exception
	- Three (3) triangles in plastic box and a first aid kit shall all be mounted inside the cab.		
1.6	A placard with the "overall" height shall be mounted in at the cab dash area in clear view of the driver.		
2. STANDARD EXTERIOR CONTENT			
2.1	Mirrors: 8" (driver/passenger sides) Adjustable west coast mirrors with convex spot mirrors.		
2.2	Truck cab shall be Forrester Green		
2.3	Low entry steps or equivalent. From ground on both sides. (operators able to step straight into cab)		
3. BODY AND CHASSIS			
3.1	GVWR: Gross Vehicle Weight Rating to be a minimum of 66,000 lb. Indicate proposed total GVWR and maximum GAWR for each axle.		
3.2	Frame:		
3.3	Manufacturer's standard to meet GVWR and trash body capacities		
3.4	Wheelbase: Appropriate for proposed chassis. State dimension:		
4. DRIVE TRAIN			
4.1	Engine:		
4.1.1	Cummins CNG Engine or equal CNG compatible engine in production or current engine (list all engine options)		
4.1.2	Engine warranty: Five (5) years (100% parts and service)		
4.2	TRANSMISSION:		
4.2.1	Allison 4000 series or compatible configuration based on engine being bid.		
4.2.2	Transmission ETC-five (5) warranty shall be included; five (5) years (100% parts and service)		
4.2.3	Thelma electric brake retarder.		
4.3	STEERING:		
4.3.2	Tilt and telescopic steering wheel		
4.4	FRONT AND REAR SUSPENSION :		
4.4.1	Engineered to accommodate the bided chassis		
4.5	WHEELS/TIRES:		
4.5.1	Front Wheels: Stud piloted steel disc wheels 22.5 inches by 9 inches		
4.5.2	Front Tires: 315 x 80R 22.5, 20-ply rating tubeless radial		

FIRM NAME _____ SIGNATURE _____

Item Number	Group III – 40 yard CNG Front Loader Refuse Trucks Description	Compliance	Exception
4.5.3	Rear Wheels: Steel disc 22.5 inches x 8.25 inches		
4.5.4	Rear Tires: 11R x 22.5, 16 ply rating tubeless radial		
4.5.5	Splash guards and mud flaps shall be provided around the front wheel openings.		
5. BRAKES			
5.1	Full air brake system with ABS.		
5.2	Air dryer system installed.		
6. ELECTRICAL			
6.1	Alternator should be designed to accommodate all chassis components.		
6.2	Battery: heavy duty with a total of 2,750 CCA minimum.		
6.3	Daytime running lights.		
6.4	Backup Alarm		
6.5	A factory battery disconnect switch		
7. CNG FUEL SYSTEM			
7.1	CNG Tanks		
7.1.1	The CNG fuel tanks shall be factory installed and warranted by the body manufacturer. The tanks shall meet all applicable regulations		
7.1.2	The fuel storage pack shall be 75 Diesel Gallon, or Equivalent.		
7.1.3	The tanks shall be frame mounted to maximize capacity. The mounting and cabinets shall be factory installed and warranted by the body manufacturer. No roof mounted units,		
7.2	CNG DESIGN CRITERIA		
7.2.1	The system inclusive of all structural and plumbing components shall be designed as per NFPA 52-2006 edition. All high pressure stainless steel fuel lines to be 3/8" O.D. X .049 wall thickness.		
7.2.3	The CNG tanks must be fueled at the body of the OEM facility prior to delivery.		
7.2.4	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. Manufacturer: _____		

FIRM NAME _____ SIGNATURE _____

Item Number	Group III – 40 yard CNG Front Loader Refuse Trucks Description	Compliance	Exception
	Brand Name: _____ Model/Identification Number: _____ Installer: _____ Year Model:		
7.2.5	One (1) 50' hose for defueling/refueling truck to truck.		
7.2.6	Each unit will have a methane leak detector installed as part of the CNG configuration		

Item Number	Group III - 40 yard CNG Front Loader Refuse Trucks Description	Compliance	Exception
CAPACITIES/PERFORMANCE			
8.1	Packer body must meet all applicable ANSI Z-245.1 safety standards		
8.2	High compaction design packing system with a packing rate of a minimum of 1,000 pounds per cubic yard		
8.3	Maximum overall clearance height shall not exceed 102 inches above the chassis frame		
8.4	Maximum overall width shall not exceed 96 inches		
9. HOPPER			
9.1	Capacity shall be a minimum of 12 cubic yards as rated by TBEA and ANSI standards		
11. SAFETY FEATURES			
11.1	Two (2) 12" by 12" inch permanent decals on rear of vehicle. Right side shall be yellow letters with black background, CAUTION this vehicle makes wide right turns. Left side shall be black letters with yellow background CAUTION this vehicle makes frequent stops		
11.2	Two (2) universal safety vehicle emblems to signify "Slow Moving Vehicle" to be mounted visible on top		

FIRM NAME _____ SIGNATURE _____

Item Number	Group III - 40 yard CNG Front Loader Refuse Trucks Description	Compliance	Exception
	of rear tailgate (Emblems shall be adhesive decal)		
11.3	A 2" red/white, 3-M reflective conspicuity tape shall be applied to the front, rear and side of the entire cab and body of the truck. Conspicuity tape shall also be applied to the rear, top and bottom of the body hopper area		
11.4	A three (3) camera system shall be provided mounted in the hopper area, on the dumping mechanism arm, and rear of the vehicle on the rear door for viewing the dumping operations and when the vehicle is placed in the reverse mode all located as not to interfere with operations.		
12. LIGHTS			
12.1	All brake, hazard warning, signal, clearance, and tail lights shall LED design		
12.2	Automatic backup lights shall be provided		
12.3	Additional set of lights to be mounted on upper portion of the tailgate (to include brake, signal and tail lights).		
12.4	Two (2) flood lights shall be provided in hopper area		
13. HYDRAULIC QUICK DISCONNECT			
13.1	Two (2) quick disconnect fittings to be installed in hydraulic system for unloading disabled vehicles with an auxiliary hydraulic power unit. Auxiliary hydraulic power unit to be provided by the vendor.		
13.2	One (1) way valve included in pressure side		
14. SPECIAL EQUIPMENT/SAFETY			
14.1	Tool rack for storing shovels, rakes etc., to be installed on the passenger side under the body or as space permits		
14.2	Provide rack for five (5) gallon water keg mounted outside the cab with retainer straps with a mud flap to prevent the keg from debris or an approved water bottle storage compartment area		
14.3	Total vehicle ground clearance height shall be marked on the left and right front sides of the body in four (4) inch high lettering		
14.4	Two (2) 12" x 12" inch permanent decals on rear of vehicle. Right side shall be yellow letters with black background, "CAUTION this vehicle makes wide right turns". Left side shall be black letters with yellow		

FIRM NAME _____ SIGNATURE _____

Item Number	Group III - 40 yard CNG Front Loader Refuse Trucks Description	Compliance	Exception
	background "CAUTION this vehicle makes frequent stops".		
14.5	Two (2) universal safety vehicle emblems to signify "Slow Moving Vehicle" to be mounted visible on top of rear tailgate (Emblems shall be adhesive decal)		
15. PAINT			
15.1	Truck cab shall be Forrester Green or an approved equal color		
15.2	Body shall be Blue Akzo Nobel or an approved equal color		
15.3	City of Atlanta sign graphic to be created and installed, centered on each side of truck body with lettering white and shaded in red.		
15.4	Sign graphics shall be approved by the City of Atlanta prior to installation. The sign is to include the City of Atlanta Solid Waste Services and conform to the body side of the unit. (SEE ATTACHMENT 'A')		
15.5	A two (2) inch red/white reflective stripe shall extended on each side, front, and rear of the vehicle		
15.6	The entire front bumper area shall be covered with 3-M, red/white reflective conspicuity tape. The tape shall be 2" wide and placed at an alternating sequence on a 45-degree alignment		
16. WARRANTY			
16.1	Packer Unit: One (1) year from original delivery date		
16.2	Warranty facilities shall have serviced said equipment for a minimum of five (5) years as the factory's authorized service center		
16.3	A dual tandem hydraulic pump or any system that allows truck to operate dumping operations at idle.		
16.4	Vendor must be able to provide onsite warranty repair and service for the City of Atlanta's fleet.		
16.5	All warranty repairs must be completed within 48 hours		
16.6	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		
16.7	Provide copies of standard warranty for assembled and delivered vehicle.		
16.8	Provide forms for delayed warranty start if vehicle		

FIRM NAME _____ SIGNATURE _____

Item Number	Group III - 40 yard CNG Front Loader Refuse Trucks Description	Compliance	Exception
	delivery to COA is delayed due to upfit of special equipment or modification.		
16.9	Provide copies of standard warranty for systems and components as provided by individual suppliers.		
16.10	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.		
17. TRAINING			
17.1	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.		
17.2	Bidder must also provide a minimum of two (2) technicians full CNG Factory certification training.		
17.3	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.		
17.4	Bidder must perform a minimum of eight (8) hours of operator training per unit ordered		
17.5	The City of Atlanta's fleet maintenance facility can be utilized as a service facility to perform the required warranty repairs.		
18. DOCUMENTATION			
18.1	Operator's Manuals: A minimum of two (2) hard copies of the operator's manuals shall be provided with each unit.		
19. DRIVE TRAIN DIAGNOSTICS			
19.1	The contractor shall provide all diagnostic programs to		

FIRM NAME _____ SIGNATURE _____

Item Number	Group III - 40 yard CNG Front Loader Refuse Trucks Description	Compliance	Exception
	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).		
19.2	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.		
19.3	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.		
20. DELIVERY			
20.1	<u>Delivery Location:</u> Office of Fleet Services Technical Services Branch 23 Claire Drive, S.E. Atlanta, GA 30315		
21 DECALS, BADGES, ADVERTISEMENTS			
21.1	No dealer emblems, decals, or any other form of advertisement or identification shall be attached to the vehicle.		

3.2.6 MINIMUM SPECIFICATIONS – REPAIR SERVICES AND PARTS

Item Number	Group III – 40 yard CNG Front Loader Refuse Trucks Description	Compliance	Exception
22. SERVICE PROVIDER RESPONSIBILITIES			
22.1	Contractor shall under normal circumstances begin work on equipment delivered to their repair facility within two (2) business days.		

FIRM NAME _____ SIGNATURE _____

Item Number	Group III – 40 yard CNG Front Loader Refuse Trucks Description	Compliance	Exception
22.2	Contractor shall maintain a minimum of 85% turnaround time within 168 business hours or seven (7) business days.		
22.3	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.		
22.4	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.		
22.5	A copy of the service/repair invoice shall be provided to OFS upon completion of the work.		

GROUP IV– 40 YARD DIESEL FRONT LOADER REFUSE TRUCKS

3.2.7 MINIMUM SPECIFICATIONS – CAB AND CHASSIS

Item Number	Group IV – 40 yard Diesel Front Loader Refuse Trucks Description	Compliance	Exception
1. STANDARD INTERIOR CONTENT			
1.1	Seats: Air ride driver seat with right side drive and left side/work side either stand up or sit down		
1.2	Upholstery: Vinyl, dark in color.		
1.3	Radio: AM/FM/ Stereo Radio.		
1.4	Air Conditioning: Standard factory installed.		
1.5	Safety Equipment – <ul style="list-style-type: none"> - One (1) rechargeable dry chemical fire extinguisher (Model RPIA-10G) mounted in cab - Three (3) triangles in plastic box and a first aid kit shall all be mounted inside the cab. 		
1.6	A placard with the “overall” height shall be mounted in at the cab dash area in clear view of the driver.		
2. STANDARD EXTERIOR CONTENT			
2.1	Mirrors: 8” (driver/passenger sides) Adjustable west		

FIRM NAME _____ SIGNATURE _____