



COVER PAGE

Bid Proposal # 2351

REAR LOADING REFUSE TRUCK – 25 CUBIC YARDS

Sealed bids and electronic submitted bids for the above will be received until **10:00 AM CST, Tuesday, February 22, 2022** and publicly opened in the City of Alexandria Council Chambers or Council Committee Room.

Please file bid by one of the following means:

Hand-Delivered or Express Delivery:

**Attention: Donna Jones, City Clerk
City of Alexandria - City Hall
915 Third Street, First Floor
Alexandria, LA 71301
Phone: 318-449-5090**

Mailed via USPS:

**Attention: Donna Jones, City Clerk
City of Alexandria - City Hall
PO Box 71
Alexandria, LA 71309-0071**

Electronic Bid Submission: Central Bidding

Pursuant to Louisiana R.S. 38:2212 B.(6)(a) through E. (1-7) and R.S. 38:2212.1 B.(4)(a), vendors/contractors have the option to submit their bids and bid bonds electronically. Bids and bonds to be filed electronically shall be posted with **Central Bidding** at www.centrauctionhouse.com (phone 1-225-810-4814). Registration will need to be completed prior to posting of bid.

Complete bid specifications are available for viewing and downloading at the City of Alexandria's website www.cityofalexandriala.com ; on the left hand side of the opening page, go to the heading "*Business*" then drop down to "*RFP/RFQ/Bids*"; the current bids will be listed for your convenience.

City of Alexandria Buyer Name:	Casey Barnes
Phone Number:	(318)441-6162
Fax Number:	(318)619-3415
E-Mail Address:	casey.barnes@cityofalex.com



Wilma Kelly
Purchasing Manager

City of Alexandria

Purchasing Department
P.O. Box 71
Alexandria, Louisiana
71309-0071



Office: (318) 441-6180
Fax: (318) 441-6185

Sealed bids will be received until **10:00 AM, Tuesday, February 22, 2022** and publicly opened in the Council Chambers or Council Committee Room.

City of Alexandria Bid # **2351**
Page: 1 of 34
Date Specifications Prepared: January 7, 2022

Bid Bond Requirements: A bid bond or check for N/A% of the total amount of bid.

Performance Bond Requirements: In the event bid is accepted, a performance bond shall be required in the amount of N/A%.

Please file bid with the following:

Donna Jones, City Clerk
City of Alexandria - City Hall
915 Third Street
P.O. Box 71
Alexandria, LA 71309-0071
Phone: 318-449-5090

INTRODUCTION

REAR LOADING REFUSE TRUCK, 25 CUBIC YARD CAPACITY

It is the intent of the City of Alexandria to secure pricing for a minimum of one (1) Rear Loading Refuse Truck, 25 Cubic Yard Capacity with a minimum 3.55 Yard Tailgate, for use by the City of Alexandria Sanitation Department. Bid price shall be for a complete unit rear loading refuse body mounted on an appropriate chassis cab.

All products shall be new and of current model year manufacture. Each unit shall be equipped with the manufacturer's equipment and accessories which are included as "standard" in the advertised and published literature for the unit. No such item of equipment shall be removed or omitted for the reason that it was not specified in the bid documents.

All bid prices shall include any and all freight charges. All products are to be shipped F.O.B., freight prepaid, the City of Alexandria Motor Pool, located at 2021 Industrial Park Road, Building V, Alexandria, LA 71303.

Completed bid packet should be returned as issued by the City of Alexandria with ALL PAGES intact and all specification response columns filled in. Incomplete columns or missing pages, to include addendum pages, may result in the bidder's (proposer's) entire bid being rejected.

Note: A mandatory pre-bid conference shall be held on Thursday, February 3, 2022 at 10:00 AM, at the City of Alexandria Purchasing Department, Building WH, located at 2021 Industrial Park Road, Alexandria, LA 71303. All vendors wishing to submit bid proposals for this project "MUST ATTEND" this pre-bid conference. Pursuant to LA R.S. 38:2212(I), all prospective bidders shall be present at the beginning of the pre-bid conference and shall remain in attendance for the duration of the conference. Any prospective bidder who fails to attend the conference or remain for the duration shall be prohibited from submitting a bid.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

GENERAL CONDITIONS FOR BIDDERS - PLEASE READ CAREFULLY

1. Pursuant to LA R.S 38:2212.1. C.(1)(2), any manufacturer's preference in this proposal is descriptive, but non-restrictive, and is used only to indicate minimum requirement for type, grade and quality unless otherwise specified.
2. Pursuant to LA R.S. 38:2212 B.(1), the provisions and requirement of this bid shall not be considered as informalities and shall not be waived by the City of Alexandria. Therefore, conditions and specifications on this bid form shall be strictly enforced and any and all alterations, deviations, and non-compliance to said conditions and specifications, either on the bid form or by separate attachment, shall be grounds for immediate disqualification.
3. Preference shall be given to bidders quoting F.O.B. Destination (the City of Alexandria using department), FREIGHT PREPAID, unless otherwise requested.
4. Each bidder shall submit his proposal on the proposal form furnished by the City of Alexandria Purchasing Department. The complete bid package must be returned as issued by the City with all pages intact and all specification response columns filled in. Incomplete columns or missing pages, to include addendum pages, shall result in the vendor's entire bid package being rejected.
5. Literature, brochures, and other related paperwork attached to the bid should be identified with the name of the bidder and bid item number.
6. In case of a mathematical discrepancy between unit price and extensions, the unit price shall prevail.
7. Pursuant to LA R.S. 38:2212 F., the bid specifications may contemplate a fixed escalation or de-escalation in accordance with the United States Bureau of Labor Statistic's Consumer Price Index or the Producer Price Index. Bids based on specifications which are subject to a recognized escalation index shall be legal and valid for any item of a public work, at the discretion of the City.
8. Pursuant to LA R.S. 38:2212.1. F., any public procurement unit may participate in a cooperative purchasing agreement with the City of Alexandria to acquire quantities of the above listed items under a contract with the City of Alexandria for items awarded by public bid, pursuant to the cooperative purchasing provisions of Part VII of Chapter 17 of Subtitle III of Title 39 of the Louisiana Revised Statutes of 1950, R.S. 39:1701 et seq.
9. The City of Alexandria reserves the right to award by item or by total bid, unless otherwise specified in the bid specifications. (Price(s) should be itemized.)
10. All erasures or corrections on the bid form must be initialed and the City of Alexandria may rely on the apparent authority represented by the initials.
11. The City of Alexandria reserves the right to reject for cause any and all bids or parts of bids, or accept bids most beneficial to the City.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

General Conditions for Bidders - Please Read Carefully (Continued)

12. Any bid submitted which contains additions, conditional or alternate bids, or irregularities which may make the proposal incomplete, indefinite, or ambiguous as to its meaning, thus requiring clarification after the specified date and time of bid opening shall be rejected.
13. Bids shall be opened publicly in the City Council Chambers or Council Committee Room.
14. Cash discounts may be accepted, but **SHALL NOT** be considered in making award.
15. Regarding a bid for purchase of materials, supplies or services, not to include construction of any public works, a written notice of acceptance mailed or otherwise furnished to the successful bidder shall result in a binding contract without further action by either party.
16. When any bid is accepted for the construction or doing of any public works, a written contract shall be executed by and between the City of Alexandria and the Contractor. No contract shall be binding upon the City until it has been executed by the City and delivered to the successful bidder. Should the bidder to whom the contract is awarded fail to execute the contract, the award shall then be made to the next lowest responsible bidder, or re-advertised for public bid, said decision to be in the sole judgment of the City of Alexandria. This action may result in the loss of bidding privileges for a period of one (1) year.
17. The City of Alexandria shall schedule for payment the invoices for articles or services purchased under this bid within thirty (30) days after due and proper delivery accompanied by invoice.
18. The City of Alexandria is exempt from all sales taxes. A sales tax exempt form shall be furnished by the City of Alexandria Purchasing Department, if requested.
19. Bidder(s) awarded item(s) by the City of Alexandria shall be responsible for supplying all products at the awarded price(s). Failure may result in the City's cancellation of the remaining items awarded.
20. Regarding Service Contracts and Procurement Contracts, the terms of the contract shall be binding upon any and all parties involved until goods and supplies are delivered, services have been rendered, and/or work has been completed and accepted by the Mayor on behalf of the City of Alexandria and all payments required to be made to the Contractor have been made. However, a contract may be terminated under any and all of the following conditions:
 - (a) By mutual agreement and consent of either party upon thirty (30) days written notice to the other party;
 - (b) By the Mayor, on behalf of the City of Alexandria, as a consequence of the failure of the Contractor to comply with the terms and conditions of the contract or the progress or quality of work to be performed in a satisfactory manner, proper allowance being made for circumstances beyond the control of the Contractor; or
 - (c) By satisfactory completion of all services and obligations described in the contract.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

General Conditions for Bidders - Please Read Carefully (Continued)

If the contract is terminated for any of the terms and conditions authorized in sub-paragraph (b) above, Contractor shall be formally notified in writing by the City of Alexandria Purchasing Department by means of certified mail informing him of cancellation of the contract, giving specific reasons for said cancellation. Contractor shall have the right to appeal to the City Council within ten (10) days from the date that said notification is placed in the U.S. Mail. Contractor's appeal shall be accomplished by means of a letter addressed to the City Council and delivered to the City Clerk, stating that an appeal to the decision of cancellation is desired. The City Council shall thereafter hold a hearing on the appeal, giving all parties the opportunity to present any and all evidence concerning the decision of cancellation. After hearing the appeal, the city Council may, by a majority vote, sustain, modify, or reverse the findings for said decision and shall provide, if requested by Contractor, a written determination of its findings.

21. Contractors submitting bids for Public Works construction projects in excess of \$1.00 must show his Contractor's License Number on the front of the bid envelope, except for certain projects for which a Contractor's License Number is not required by the State Contractor's Licensing Board. Failure to comply with this directive shall result in automatic bid rejection, furthermore, any Contractor who submits a bid for a type of construction for which he is not properly licensed shall be acting in violation of LA R.S. 37:2163, and shall be subject to all provisions for violation and penalties thereof. Contractors who are owned by, and are submitting a bid as a subsidiary of a parent company, whose name is listed in the State of Louisiana's Roster of Licensed Contractors, may do so by including a letter of proof of ownership from the parent company with the submitted bid package. The letter must be signed as per LA R.S. 38:2212 B.(5)(a)(b)(c) (see Item #22 below).

22. All bids submitted via USPS (registered or certified), overnight courier or hand delivered, shall be signed by hand and in ink by an authorized company representative per LA R.S. 38:2212 B.(5)(a)(b)(c), which states:

(c)(i) Evidence of agency, corporate, or partnership authority shall be required for submission of a bid to the division of administration or the State of Louisiana. The authority of the signature of the person submitting the bid shall be deemed sufficient and acceptable if any of the following conditions are met:

(aa) The signature on the bid is that of any corporate officer listed on the most current annual report on file with the Secretary of State, or the signature on the bid is that of any member of a partnership or partnership in commendam listed in the most current partnership records on file with the Secretary of State.

(bb) The signature on the bid is that of an authorized representative of the corporation, partnership, or other legal entity and the bid is accompanied by a corporate resolution, certification as to the corporate principle, or other documents indicating authority which are acceptable to the public entity.

(cc) The corporation, partnership, or other legal entity has filed in the appropriate records of the Secretary of State in which the public entity is located, an affidavit, resolution, or other acknowledged or authentic document indicating the names of all parties authorized to submit bids for public contracts. Such document on file with the Secretary of State shall remain in effect and shall be binding upon the principal until specifically rescinded and canceled from the records of the office.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

General Conditions for Bidders - Please Read Carefully (Continued)

23. In-State preferences shall not apply to procurements involving federal funds.
24. Pursuant to LA R.S. 38:2212 O.(2)(a)(b), any modifications of plans and specifications will be made through an addendum. No addendum shall be issued within seventy-two (72) hours of the bid opening, excluding weekends and legal holidays, without the extension of the bid opening date. An extension of at least seven (7) but no more than thirty (30) working days is required but, re-advertising is not required. The addendum shall be transmitted by any one of the following methods: (1) facsimile transmission; (2) e-mail; (3) by hand; or (4) posted on the City of Alexandria's website (www.cityofalexandrialala.com) and posted on Central Bidding's website (www.centralauctionhouse.com) if applicable.
25. All Federal Transit Administration (FTA) funded procurements, including operating assistance funding contracts, are to follow the Master Agreement, to include all applicable federal clauses.
- a. Any bidder that is found listed on the Federal Government's *System for Award Management* (SAM) website, at www.sam.gov/portal/sam , under the advanced search feature for *Excluded Parties List System* (EPLS), shall automatically be rejected for the award of this bid, by Category and/or in its entirety. This applies to any portion of the bid that is a procurement funded by FTA.
26. Under the City's *AFEAT (Alexandria Fairness, Equality, Accessibility, and Teamwork Program)*, participation by minority and/or disadvantaged business enterprise firms is encouraged. Inquiries about the *AFEAT* Program should be directed to the Division of Finance. As a part of its RFP response, each Bidder **shall** submit documentation of its bona fide effort to secure subcontractors that meet the City's *AFEAT* goals. Each bidder **shall** also submit proof of engagement of any subcontractor selected because of its solicitations. The Bidder's bona fide efforts and engagement(s) are a consideration in bid review and rating.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Alexandria Fairness, Equality, Accessibility and Teamwork Program (AFEAT)

Dear Vendor:

Under the City's *AFEAT (Alexandria Fairness, Equality, Accessibility, and Teamwork Program)*, participation by minority and/or disadvantaged business enterprise firms is encouraged. The AFEAT Program should be inquired about through the Division of Finance. The goals for qualifying disadvantaged, minority and female owned business in the use of professional service agreements with prime contractors will help effectuate the goals of increasing: the competitive viability of small business, minority, and women business enterprise by providing contract, technical, educational, and management assistance; business ownership by small business persons, minority persons, and women (including professional service opportunities); and the procurement by the City of professional services, articles, equipment, supplies, and materials from business concerns owned by small business concerns, minority persons, and women.

Prime contractors offering subcontracting should take specific action to ensure that a bona fide effort is made to achieve maximum results towards meeting the established goals. Primes shall document efforts and shall implement steps at least as extensive as the following in a good faith effort to reach or exceed the established goals:

- A. *Establish and maintain a current list of minority and female owned businesses in Alexandria, in Rapides Parish, and in the State of Louisiana.*
- B. *Document and maintain a record of all solicitations of offers for subcontracts from minority or female construction contractor and suppliers in Alexandria, in Rapides Parish, and in the State of Louisiana.*
- C. *Secure listing of minority and women owned businesses from the City of Alexandria Purchasing Department, the Central Louisiana Business Incubator, and the State of Louisiana Department of Minority Affairs.*
- D. *Participate in associations which assist in promoting minority and women owned businesses such as the Central Louisiana Business League, the Central Louisiana Business Incubator, and the Entrepreneurial League System.*
- E. *Designate a responsible official to monitor all activity made in the effort to achieve or exceed the established goals; record contacts made, subcontracts entered into with dollar amounts, and other relevant information.*

For more information on AFEAT and the City of Alexandria's Diversity in Action Initiative, and to explore a local and statewide directory of minority businesses, please visit www.diversityinaction.org . Should you have any questions or comments, please do not hesitate to contact our Finance Department at 318-449-5091 or our Purchasing Department at 318-441-6180.

As a part of its RFP response, each Bidder ***shall*** submit documentation of its bona fide effort to secure subcontractors that meet the City's AFEAT goals. Each bidder ***shall*** also submit proof of engagement of any subcontractor selected because of its solicitations. The Bidder's bona fide efforts and engagement(s) are a consideration in bid review and rating.

Sincerely,

City of Alexandria

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

BID SPECIFICATIONS

SCOPE: The following bid specifications are to be used as minimum and maximum standards for a minimum of one (1) Rear Loading Refuse Truck, 25 Cubic Yard Capacity, for use by the City of Alexandria Sanitation Department.

Unless otherwise stated, the use of manufacturer's name and product numbers are for descriptive purposes and to establish general quality levels only, they are not intended to be restrictive.

Prospective bidders are required to state exactly what they intend to furnish, otherwise, it is fully understood that they shall furnish all items as stated. Bidder should indicate in the space provided below, under "*Bidder's Response*:", the necessary information to indicate he/she is conforming with the bid specifications for each item as written. If Bidder is in complete compliance with each bid specification item as written, please write "Comply" in the space provided; if not, please indicate in this space, the necessary information on the product you are proposing. Each specification response is necessary to ensure the proper evaluation and tabulation of this bid. If each "*Bidder's Response*" section is not filled in or completed, your bid may be rejected.

Bidder's Response:

1.0 General:

1.1 No bid may be withdrawn for at least thirty (30) days after the scheduled closing time for the receipt of bids. Quoted prices shall remain firm until product(s) have been accepted by the City of Alexandria as delivered.

1.2 Products shall be new, un-used, and of current model year manufacture.

1.3 Where applicable, quotes for "optional" equipment shall be listed in the appropriate spaces provided on the bid specifications "Price Page". Option quotes shall not be a basis for bid award and shall not be included in the total bid price.

1.4 **Pursuant to Louisiana R.S. 38:2212.8, bidder shall be a licensed Louisiana Motor Vehicle Dealer.** A copy of the dealer's license should be attached to the bid upon submission. Failure to produce a copy of a valid Louisiana motor vehicle dealer's license will result in immediate bid rejection.

1.5 One copy of the Parts Manual, Service Manual and Operator's Manual for all products listed in these bid specifications, to include sub-contracted components, shall be furnished by the successful bidder at the time of delivery. CD versions of manuals are acceptable.

Bid Specifications (Continued)

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

1.0 General: (Continued)

Bidder's Response:

1.6 The successful bidder shall be responsible for obtaining permanent license plate and registration for awarded vehicles. Registration documents shall be dropped off off at the time of delivery to the City of Alexandria Motor Pool, located at 2021 Industrial Park Road, Building V, Alexandria, LA 71303, Attn: Anthony Clayton, Motor Pool Superintendent.

1.7 Successful bidder shall notify the City of Alexandria Motor Pool, at 318-441-6075 or 318-441-6157, within a minimum of twenty-four (24) hours prior to delivery of vehicle.

1.8 **Unit shall be delivered F.O.B., freight pre-paid**, City of Alexandria Motor Pool, 2021 Industrial Park Road, Building V, Alexandria, LA 71303. Unit shall be fully serviced with all the lubricants and fluid levels necessary for normal operation prior to delivery.

1.9 Products shall not be considered delivered until Product Specification Compliance Inspection has been performed by representatives of the City of Alexandria using department, Purchasing Department, Motor Pool, and the successful bidder.

1.10 The City of Alexandria using Department for whom the product is intended shall not be allowed to accept delivery from the successful bidder, see Bid Specification Item 1.7 above.

1.11 Each bidder is requested to furnish, attached to the bid, complete descriptive literature on product being bid. Any item(s) appearing in the manufacturer's regularly published specifications as "standard" equipment are assumed to be included in the bidder's proposal.

1.12 Each respective bidder shall be responsible for insuring that his/her product meets or exceeds specifications as described herein.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

2.0 Warranty: (Continued)

Bidder's Response:

2.0 Product Warranty:

2.1 Successful bidder should furnish complete warranty information for product(s) being bid, to include all sub-contracted components installed by vendor as well as vendor warranted components.

2.2 The successful bidder shall supply a copy of the warranty information to the City of Alexandria Motor Pool at the time of delivery. Products delivered without the complete warranty information, for vendor as well as sub-contracted components, will not be accepted by the Motor Pool.

2.3 Warranty work that cannot be performed at the City of Alexandria Motor Pool shall be performed at the dealer's repair facility that is listed on the Price Page of this bid packet. The transportation to and from the dealer's facility shall be the responsibility of the successful bidder with NO cost incurred by the City of Alexandria.

2.4 The chassis cab shall have a minimum warranty of twelve (12) months/ unlimited mileage with minimum four (4) years /7,200 hours engine and after-treatment coverage.

2.5 Components that have been installed on this unit and are not designated as sub-contracted by the successful bidder, shall be covered under the minimum one (1) year warranty with all warranty work for these components being the sole responsibility of the successful bidder.

3.0 Miscellaneous:

3.1 Delivered with one set of each type filter necessary for maintenance.

3.2 Unit shall be delivered with one spare all position tire mounted on appropriate rim for this type of vehicle.

3.3 Unit shall be delivered with three (3) sets of keys, for both the ignition and lockable boxes located on the unit body, if applicable.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

3.0 Miscellaneous: (Continued)

Bidder's Response:

3.4 Unit shall be equipped with a five (5) pound fire extinguisher, bracket mounted in cab on driver's side.

3.5 Unit shall be equipped with triangle reflector kit located in the cab as a minimum.

4.0 Refuse Body:

4.1 Refuse body should be elliptical in shape, having smooth sidewalls, or equivalent design.

4.2 Refuse body shall have a minimum capacity of 25 cubic yards, exclusive of any loading area.

4.3 The equipment shall conform to all ANSI Safety Standards Z245.1-2008, or most current standard.

4.4 Refuse body shall be clear of obstructions.

4.5 Sidewalls, roof and floor shall be fully welded.

4.6 Refuse body and hopper floor shall be watertight.

4.7 Refuse body walls should be robotically welded for precision and quality.

4.8 Floor braces (cross members) should be a minimum 3/16" GRD 50 high strength steel 50 k psi yield; or equal.

4.9 Floor braces (longitudinal) should be C8 x 11.5lb channel A36 steel 36k psi yield; or equal.

4.10 Rear floor shelf should be 5/16" GRD 50, 50 high strength steel 50k psi yield; or equal.

4.11 Side wall compaction section should be 1/8" AR450 75k psi yield; or equal.

4.12 Side wall front ejector section should be 10 gauge AR 200 75k psi yield; or equal.

4.13 Side wall sheets should be vertically overlapped and fully Robotically welded inside and outside; or equivalent design.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

4.0 Body Specifications: (Continued)

Bidder's Response:

4.14 Side post and horizontal skirting should be 3/16" GRD 50 high strength steel 50k psi yield; or equal. _____

4.15 The roof should be 10 ga AR200 75k psi yield; or equal. _____

4.16 Front should be 3/16" GRD 40 high strength steel (weldment) 50k psi yield; or equal. _____

4.17 The access door should be 23 1/2 "x 29 1/2 "(located street side); or equivalent design. _____

4.18 The body should be identified by a plate consisting of the model and serial number of the body and be pop-riveted to the body. _____

4.19 The body model and serial number should also be etched into the front portion of the body as a permanent identifier. _____

4.20 The overall width of the body should be approximately 96". _____

4.21 The overall height of the body should be approximately 100.5" from the top of the frame rail to the highest structural component of the body. _____

4.13 The body weight should be a minimum of 16,500 lbs, excluding Options. **LIST**. _____

4.14 **List** body model being offered. _____

5.0 Performance and Controls:

5.1 The control box should be located in the cab and have a master on/off switch with a lockout mechanism for service of should have in dash controls if applicable with chassis; or equal design. _____

5.2 The control box should have an illuminated e-stop button; or equivalent. _____

5.3 The control box should have a red light to indicate when the tailgate is open; or equal. _____

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

5.0 Performance and Controls: (Continued)

Bidder's Response:

5.4 The control box should have a master throttle switch with a green light incorporated into the switch to indicate when it is activated; or equal.

5.5 The control box should have externally accessible fuse panels with replaceable fuses; or equal design.

5.6 The ejector and tailgate lift controls should be mounted at the front driver's side of the body under the body for ease of access; or equal design.

5.7 The packing panel and sweep blade controls should be two independent bi-directional levers; or equal design.

5.8 These controls shall comply with all applicable ANSI standards and should have rubber protective covers on the ends of the control rods.

5.9 The control rods/handles should be held in place by UHMW pillow blocks; or equal.

5.10 The packing panel and sweep blade controls should be located on the curbside of the packer tailgate; or equal design.

5.11 An automatic throttle advance should be incorporated with the pack and sweep controls.

5.12 The throttle should be activated in all directions of travel and actuated by proximity switch; or equal design.

5.13 The throttle advance for the ejector and tailgate should be a toggle type and located at the main valve at the underside of the body on the street side; or equal.

5.14 The ejection method should be full eject and operated hydraulically.

5.15 The ejection panel should be automatically retracted during the working cycle by use of the "smart-pak" system; or equivalent design.

5.16 The complete cycle time for the packer panel and sweep panel should be approximately 20 – 22 seconds.

5.17 Packer body should be capable of packing average loads of 1000 lbs/cubic yard, minimum.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

5.0 Performance and Controls: (Continued)

Bidder's Response:

- 5.18 The operating pressure should be approximately 2700 PSI. _____
- 5.19 Packer hydraulic system must incorporate adjustable relief valves to protect system from excessive pressure and over speed. _____
- 5.20 Packer should utilize mechanical commercial hydraulic over speed control to protect the hydraulic system. _____
- 5.21 Packer should be able to pack on the go. _____

6.0 Hopper:

- 6.1 The hopper should have a minimum, 3.55 Cubic Yard Tailgate capacity. _____
- 6.2 The hopper opening height should be approximately 55 1/2". **List.** _____
- 6.3 The hopper width should be approximately 80". **List.** _____
- 6.4 The hopper tailgate seal height should be approximately 50". **List.** _____
- 6.5 Tailgate seal should be held on by a metal bracket that is bolted in for easier maintenance; or equivalent. _____
- 6.6 Hopper braces and support should be approximately 3/16" GRD 50 high strength steel 50k psi yield. _____
- 6.7 Floor approximately: 1/5" AR200 75k psi yield. _____
- 6.8 Hopper floor and sidewalls must incorporate liners. _____
- 6.9 Hopper braces and support should be a minimum, 3/16" GRD 50 high strength steel 50k psi yield. _____
- 6.10 Upper braces and support should be a minimum, 11 gauge GRD 50k psi yield. _____
- 6.11 Loading edge should be a 1/4" GRD 50 steel 50k psi minimum. _____
- 6.12 Sides (bottom half) should be a minimum, 1/4" AR200 75k psi yield. _____

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

6.0 Hopper: (Continued)

Bidder's Response:

6.13 Sides (top half) should be a minimum, 3/16" GRD50 steel 50k psi yield.

6.14 Tracks should be a minimum, 1/4: GRD 50 high strength steel 50k psi yield.

6.15 Wear Strips should be approximately 1/2" x 3" 1044 steel.

6.16 Tailgate hinge pins should be approximately 2" diameter nitride induction hardened pins; or equivalent.

6.17 The tailgate should have two cylinder locking mechanisms incorporated into cylinder mount; or equivalent design.

6.18 Adjustable steps, approximately 16" to 24", should be on both sides of the tailgate and should be bolted on.

6.19 Tailgate should have steel top doors at the top of the at the upper portion of the tailgate.

6.20 The hopper button should have a drain hole located near the RH side of the hopper; or equivalent design.

6.21 The tailgate should incorporate "turnbuckle style locks, one on each side of the hopper to lock the tailgate to the body; or equal.

7.0 Slide Specifications:

7.1 Face: 3/16" GRD 50 high strength steel 50k psi yield; or equal.

7.2 Side Plates: 3/4" GRD 50 high strength steel 50k psi yield; or equal.

7.3 Braces: 3/16" GRD 50 high strength steel 50k psi yield; or equal.

7.4 Slide Shoes: A500 GRD B Rectangular Tubing with (2) 4" x 14" lower and (2) 4" x 21" upper high performance self-lubricating UHMW polyethylene pads; or equivalent design.

7.5 Each slide shoe should have an external access panel located on the outside of the hopper; or equal design.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

7.0 Slide Specifications: (Continued)

Bidder's Response:

7.6 Slide should incorporate a wiper panel that is kept in place with a bolt and spring configuration to prevent trash from accumulating on the top of the slide panel; or equivalent design.

7.7 The wiper panel should be approximately 3/16" ASTM A36 steel 26k psi yield; or equal.

7.8 Hydraulic hoses connect the slide panel cylinders should be wrapped with a protective abrasion resistant wrap.

7.9 Cylinders for packing mechanism should be located in the interior of the hopper; or equivalent design.

8.0 Packing Panel:

8.1 Face Plate should be approximately 1/4" AR200 75k psi yield.

8.2 Cylinder Supports should be approximately 3/4" GRD 50 high strength steel 50k psi yield.

8.3 Internal braces should be approximately 3/8" GRD 50 high strength 50 k psi yield.

8.4 Ribs should be approximately 12" GRD 50 high strength steel psi yield.

8.5 Packer Edge Strip should be approximately 3/4" GRD 50 high strength steel 50k psi yield.

8.6 Packer Bearing should be approximately 4.5" ID x 5" OD aluminum bronze alloy bushings (machined); or equal.

8.7 Packer pin should be approximately 4" diameter nitrated pin; or equal.

8.8 The packing panel should be curved to reduce the compaction Of trash into the hopper floor preventing wear; or equal design.

8.9 The hydraulic hoses connecting the packing panel cylinders should be wrapped with Cordura (or equal) protective abrasion resistant wrap.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

9.0 Ejector: (Continued)

Bidder's Response:

9.1 The upper gauge should be approximately 11 gauge GRD 50 high strength steel 50 k psi yield. _____

9.2 Lower Sloped Face should be approximately 10 gauge A569 HR steel 50k psi yield. _____

9.3 Braces should be C4 x 5.4 lb structural channel with 1/4" welded Structure; or equal. _____

9.4 Slide Blocks should be UHMW polyethylene type; or equal. _____

9.5 Track Guides should be approximately 1/4" GRD 50 high strength steel 50 k psi yield 5" x 5" the full length of the body. _____

9.6 Gussets should be approximately 1/4" GRD 50 high strength steel 50k psi yield. _____

9.7 The ejector cylinder center should be mounted with a 45 degree angle with a welded mount assembly, with 1" sides & 3/8" base fully welded to floor of body; or equivalent design. _____

9.8 The remote grease fitting should be placed at rear of ejector for cylinder pin at ejector panel; or equivalent design. _____

10.0 Hydraulics:

10.1 Pump Make/Model: Parker Commercial Intertech; or equal. _____

10.2 Pump size should be P365 – 1 3/4" or equal. _____

10.3 Pump Flow should be 35 gpm @ 1300 RPM; or equal. _____

10.4 Main Control Valve: Parker Commercial Intertech VA 35 with smart Pak, MRV setting – 2700 psi; or equal. (VA 20 valve sections are not acceptable). _____

10.5 Tailgate Control valve should be Parker Commercial Intertech VA 35; or equal. _____

10.6 A 50 gal. Oil Reservoir should be mounted to frame with steel brackets; or equal design. _____

10.7 The Oil Reservoir should have a site gauge with temperature Gauge incorporated into site gauge; or equal design. _____

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

10.0 Hydraulics: (Continued)

Bidder's Response:

10.8 Return line filter: In tank Schroeder K9-3 micron element; or equal.

10.9 Suction Strainer should be 100 mesh stainless steel with Magnets; or equal.

10.10 Breather: 10 micron spin-on; or equal.

10.11 Filler cap should be spin on type with a chain attached to the cap and the tank and have a mesh strainer in the opening of the tank.

10.12 The reservoir should have a drain plug located at the bottom of the tank; or equal design.

10.13 The hydraulic oil should be Castrol ISO- 46; or equal.

10.14 The hydraulic shut off valve at tank should be 2" gate valve type; or equal.

11.0 Cylinders:

11.1 All cylinders must be solid induction hardened and chrome plated; or equal.

11.2 The Ejector Cylinder: Approximately 25 yard – 7.5" bore, 7" rod x 4 stage x 119".

11.3 The Sweep Cylinder: Approximately 4.5" bore x 3.5" rod size x 25.63" stroke.

11.4 Slide Cylinder: Approximately 4.5" bore x 3.5" rod size 32.5" stroke.

11.5 All cylinders should be equipped with grease zerks and the sweep cylinders should have a protective ring around the zerks at the lower end of cylinder to protect against debris; or equal design.

11.6 The tailgate Cylinder: Approximately 3.5" bore x 3" rod size x 42" stroke.

11.7 The tailgate raise/lower cylinder should be single acting with orifice in the cylinder to restrict flow on the lowering of tailgate for safety; or equal design.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

12.0 Lighting:

Bidder's Response:

- 12.1 All lighting should conform to FMVSS 102 standards. _____
- 12.2 All body mounted lighting should use Truck-Lite brand grommets; or equal. _____
- 12.3 The tailgate should consist of a quantity of 8 Truck-Lite model 60 Supper 44 LED (or equal), four located at the top and four at the bottom in the left and right corners of the tailgate. _____
- 12.4 The tailgate should have a single reverse light, Truck-Lite model 60 Super 44 LED (or equal), clear in color, located in the upper part of the tailgate to the left of center; or equal design. _____
- 12.5 The tailgate should have a license plate holder and light, Truck-Lite model (or equal) LED light; clear in color, located in the upper part of the tailgate to the right of center. _____
- 12.6 The tailgate should have a minimum of 5 marker lights on the back of the tailgate, rear facing, on the upper part of the tailgate. The placement should be 3 over center and one each to the left and right of the outermost turn signal; or equal design. _____
- 12.7 The tailgate should also have marker lights on the back of the tailgate, two on each side. Truck Lite model 10 (or equal) LED red in color, one located near the uppermost part of the tailgate and one located at the rearmost part of the tailgate; or equal design. _____
- 12.8 The tailgate should have two rear facing reflectors located at the lower rear portion of the tailgate, Truck-Lite model 25 (or equal) red in color and will be pop-riveted to the lower light boxes on the LH and RH sides of the tailgate.; or equal design. _____
- 12.9 The body will consist of midship lighting to consist of fender mounted lights; one on each side of the body, Truck-lite LED model 60 (or equal) amber in color. _____
- 12.10 The body will also have marker lights, (quantity of six) Truck-Lite model 10 (or equal) LED, and amber in color. Two will be located at the front uppermost part of the body on the LH and RH corners and four being located at the uppermost LH and RH sides of the body; or equal design. _____

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

13.0 Warranties:

Bidder's Response:

13.1 Cylinders should be at least of 2 years from date of delivery. **LIST.**

13.2 Hydraulic Pump and Valves should be a least 2 years from date of delivery. **LIST.**

13.3 Packer Unit should be at least 1 year from date of delivery. **LIST.**

13.4 Vendor should provide documentation detailing warranty.

14.0 Painting:

14.1 Packer and components shall be cleaned with degreasing solvent prior to surface preparation or equivalent system.

14.2 Packer and components should be steel shot blasted prior to priming to provide a profile in the metal for primer to adhere to; or equivalent system.

14.3 The body should be primed with Autocoat LV Epoxy CIP primer; or equivalent.

14.4 Unit is to be painted WHITE.

14.5 The unit should have two coats of Autocoat LV Topcoat applied; or equivalent system.

14.6 The topcoat shall be a two-component polyurethane paint; or equivalent system.

15.0 Mounting:

15.1 Body shall be mounted in accordance to industry standards. No welding shall be performed on the chassis frame in the mounting process.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

16.0 Chassis:

Bidder's Response:

16.1 Chassis cab shall be 2022 model year or newer model Western Star 4700; or equal.

16.2 Engine shall be a Detroit DD13 12.8L 380HP @ 1625 RPM, 1900 GOV RPM, 1450 LB-FT RPM; or equal.

16.3 Electronic Parameters should include below minimums or equal:

16.3.1 70mp Road Speed Limit.

16.3.2 Cruise control speed limit same as road speed limit.

16.3.3 PTO mode engine RPM limit-600RPM.

16.3.4. PTO mode brake override-service brake applied or park brake not applied.

16.3.5 PTO RPM with cruise set switch -600 RPM.

16.3.6 PTO RPM with cruise resume switch- 600 RPM.

16.3.7 PTO mode cancel vehicle speed - 5 MPH.

16.3.8 PTO governor ramp rate- 250 RPM per second.

16.3.9 One remote to speed.

16.3.10 PTO speed 1 setting - 600 RPM.

16.3.11 Soft cruise control Enabled.

16.3.12 PTO minimum RPM – 600.

16.4 Engine Equipment should include below minimums; or equal design:

16.4.1 2016-2019 onboard diagnostics/2010 EPA/Carb/Final GHG17 configuration.

16.4.2 2008 carb emission certification- clean idle (includes 6x4 inch label on lower forward corner or driver door.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

16.0 Chassis Continued:

Bidder's Response:

- | | | |
|---------|---|-------|
| 16.4.3 | Engine mounted oil check and fill. | _____ |
| 16.4.4 | Side of hood air intake with Donaldson high capacity air cleaner with safety element, firewall mounted or equal design. | _____ |
| 16.4.5 | DR 12V 160 AMP 28-SI quadramount pad alternator with remote battery volt sense. | _____ |
| 16.4.6 | (3) DTNA genuine, high temp AGM starting and cycling min 2775CCA, 570RC, threaded stud batteries or equal design. | _____ |
| 16.4.7 | Single battery box frame mounted LH side back of cab. | _____ |
| 16.4.8 | Wire ground return for battery cables with additional frame ground return. | _____ |
| 16.4.9 | Low voltage battery disconnect at 12.3 volts for isolated circuits with local alarm. | _____ |
| 16.4.10 | BW Model BA-92119.0 CFM single cylinder air compressor with safety valve or equal. | _____ |
| 16.4.11 | Air compressor discharge line. | _____ |
| 16.4.12 | Electronic engine integral shutdown protection system. | _____ |
| 16.4.13 | Jacobs compression brake. | _____ |
| 16.4.15 | RH outboard under step mounted horizontal after treatment system assembly with RH B-PILLAR mounted vertical tailpipe. | _____ |
| 16.4.14 | Engine after-treatment device, automatic over the road regeneration and dash mounted regeneration request switch. | _____ |
| 16.4.15 | 11 Foot 06 Inch (138 inch+0/-5.9 inch) exhaust system height. Standard curve bright upper stack(s). | _____ |
| 16.4.16 | RH curved vertical tailpipe should be a B-Pillar mounted routed from step and a minimum 6 gallon diesel exhaust fluid tank. | _____ |

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

16.0 Chassis Continued:

Bidder's Response:

- | | | |
|---------|--|-------|
| 16.4.17 | Should be 100 percent diesel exhaust fluid fill. | _____ |
| 16.4.18 | Standard diesel exhaust fluid pump mounting. | _____ |
| 16.4.19 | LH medium duty standard diesel exhaust fluid tank location. | _____ |
| 16.4.20 | Stainless steel after-treatment device/muffler/tailpipe shield. | _____ |
| 16.4.21 | Horton 2-speed drivemaster advantage polarextreme fan drive or equal design. | _____ |
| 16.4.22 | Automatic fan control without dash switch, non-engine mounted. | _____ |
| 16.4.23 | DDC supplied engine mounted fuel filter/fuel water separator with water-in-fuel indicator. | _____ |
| 16.4.24 | Full flow oil filter. | _____ |
| 16.4.25 | Aluminum radiator should be 1500 square inch. | _____ |
| 16.4.26 | Should be mounting for firewall mounted surge tank. | _____ |
| 16.4.27 | Antifreeze should be oat (nitrite and silicate free) extended life coolant. | _____ |
| 16.4.28 | Gates blue stripe coolant hoses or equivalent. | _____ |
| 16.4.29 | Constant tension hose clamps for coolant hoses. | _____ |
| 16.4.30 | HDEP fixed ratio coolant pump and radiator drain valve. | _____ |
| 16.4.31 | Lower radiator guard. | _____ |
| 16.4.32 | Aluminum flywheel housing. | _____ |
| 16.4.33 | Mitsubishi 12v mod 3.175-dp60 starter with integrated magnetic switch or equal. | _____ |

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

16.0 Chassis Continued:

Bidder's Response:

16.5 Transmission should be automatic, filled with synthetic lubricant; a minimum of 6- speed with double overdrive; refuse/mixer; includes oil level sensor, with PTO provision, less retarder, with 62,000 lb. GVW max with transmission oil cooler; or equal.

16.6 Transmission should be Allison 4500 RDS (or equal) automatic transmission with PTO provision.

16.7 Front axle (non-driving) should be MFS-14-143A, wide track, I-beam type, 14,700 lb. capacity; or equal.

16.8 Front suspension should be spring parabolic, taper leaf, 16,000 lb. capacity, with shock absorbers or equal. Should include free-spring pins rubber bushings.

16.9 Rear axle should be tandem, Meritor RT-46-160P, single reduction; 46,000 lb. capacity with lube oil pump and 200 wheel ends. Gear ratio: 4.56; or equal.

16.10 Rear suspension (tandem) should be Hendrickson RTE463, walking beam type 54" axle spacing; 46,000 lb. capacity; or equal.

16.11 Braking system should be WABCO 4S/4M ABS; or equal.

16.12 Front Brakes, 16.5" x 5.0" Meritor Q+ Cast Spider Cam, double anchor, fabricated shoes; or equal.

16.13 Rear Brakes, 16.5" x 7.0" Meritor Q+ Cast Spider Cam; Long Stroke Brake chamber and Spring Actuated Parking Brake; or equal.

16.14 Braking system should include below minimums; or equal:

16.14.1 Reinforced nylon, fabric braid and wire braid chassis air lines.

16.14.2 Fiber braid parking brake hose.

16.14.3 Standard brake system valves.

16.14.4 Relay valve with 5-8 PSI crack pressure, no rear proportioning valve.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

16.0 Chassis Continued:

Bidder's Response:

16.14.5 BW AD-9 brake line air dryer with heater.

16.14.6 Air dryer mounted inboard on LH rail.

16.14.7 Steel air brake reservoirs.

16.14.8 Pull cables on all air reservoir(s).

16.15 Wheelbase & Frame:

16.15.1 Wheelbase should be 5800MM (228 inch) wheelbase; or equal.

16.15.2 Frame should be a minimum of 11/32X3-1/2X10-15/16 inch steel frame (8.73mmx277.8mm/0.344x10.941inch) 120KSI or equal.

16.15.3 Rear frame overhang should be approximately 1900MM (75 inch).

16.15.4 Frame overhang range should be approximately 71 inch to 80 inch.

16.15.5 Calculated back of cab to rear suspension should be approximately 165.04 inches.

16.15.6 Calculated effective back of cab to rear suspension should be approximately 162.04 in.

16.15.7 Calculated overall frame length should be a minimum of 333.26.

16.15.8 Frame height top front unladen should be a minimum of 41.81 inches.

16.15.9 Frame height top front laden should be a minimum of 39.4 inches.

16.15.10 Frame height top rear unladen should be a minimum of 43.79 inches.

16.15.11 Frame height top rear laden should be a minimum of 41.28 inches.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

16.0 Chassis Continued:

Bidder's Response:

- | | | |
|----------|---|-------|
| 16.15.12 | Calculated frame space LH side should be a minimum of 83.62 inches. | _____ |
| 16.15.13 | Calculated frame space RH side should be a minimum of 191.14 inches. | _____ |
| 16.15.14 | Calculated space available for deckplate should be a minimum of 158.69 inches. | _____ |
| 16.15.15 | Engine crossmember should be standard weight. | _____ |
| 16.15.16 | Standard crossmember back of transmission. | _____ |
| 16.15.17 | Standard midship #1 crossmember (s). | _____ |
| 16.15.18 | Standard rearmost crossmember. | _____ |
| 16.15.19 | Heavy duty suspension crossmember. | _____ |
| 16.15.19 | Standard weight rear suspension crossmember. | _____ |
| 16.16 | Chassis Equipment should be equipped with a 14 inch painted steel bumper; removable front tow/recovery device stored on chassis frame; Bumper mounting for single license plate; Front anti-spray cab mounted mudflaps; or equivalent design. | _____ |
| 16.17 | Fuel tank should be a minimum of 60 gallon/227 liter Aluminum - LH with Equiflo inboard fuel system and a high temperature reinforced nylon fuel line or equivalent design. | _____ |
| 16.18 | Front tires should be Continental HAU 3 WT 315/80R22.5 20 Ply Radial; or equal. | _____ |
| 16.19 | Rear tires should be Continental HDL2 11R22.5 14 PLY Radial; or equal. | _____ |

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

16.0 Chassis Continued:

Bidder's Response:

16.20 Front hubs should be Conmet preset plus premium iron; or equal.

16.21 Rear hubs, should be Conmet preset plus premium iron; or equal.

16.22 Front Wheels should be Accuride 29039 22.5 x 9.00 10-hub pilot 5.25 inset 5-hand steel disc; or equal.

16.23 Rear Wheels should be Accuride 28828 22.5 x 8.25 10-hub pilot 2-hand HD steel disc; or equal.

16.24 Cab Exterior should include the below minimums; or equal:

16.24.1 110 inch BBC steel conventional cab.

16.24.2 Air cabs mounts with check valve.

16.24.3 Repto driveline access in cab floor with raceway.

16.24.4 Non-removable bug screen mounted behind grille.

16.24.5 2 inch fender extensions.

16.24.6 LH and RH exterior grab handles with rubber inserts and RH interior grab handle mounted to a post.

16.24.7 Stationary bright finish grille.

16.24.8 Chrome hood mounted air intake grille.

16.24.9 Galvanealed steel severe service cab.

16.24.10 Fiberglass hood.

16.24.11 Hood opening assist.

16.24.12 Hood liner insulation with single firewall insulation.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

16.0 Chassis Continued:

Bidder's Response:

16.24.13 Dual Hadley SD-978 26 Inch rectangular air horns;
or equal.

16.24.14 Dual electric horns.

16.24.15 Dual electric shields.

16.24.16 Doors and ignition keyed the same (3 keys).

16.24.17 Single rectangular H4 halogen headlights with
bright bezels.

16.24.18 Headlights on with wipers, with daytime running
lights.

16.24.19 Integral stop/tail/backup lights.

16.24.20 Dual grote stainless steel heated grid type mirrors with
reinforced upper bracket.

16.24.21 LH and RH 8 inch stainless steel convex mirrors mounted
below primary mirrors.

16.24.22 RH down view mirror.

16.24.23 Standard side/rear reflectors.

16.24.24 17.5 x 35 inch tinted rear window.

16.24.25 Tinted door glass.

16.24.26 Manual door window regulators.

16.24.27 2- piece roped-in windshield gasket mounted.

16.24.28 2 gallon windshield washer reservoir with fluid
level indicator, mounted under cab with
remote fill.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

16.0 Chassis Continued:

Bidder's Response:

16.25 Cab Interior should include the below minimums; or equal:

- | | | |
|----------|---|-------|
| 16.25.1 | Gray vinyl base interior. | _____ |
| 16.25.2 | Black hard trim. | _____ |
| 16.25.3 | Base left and right hand door trim. | _____ |
| 16.25.4 | Black mats with single insulation. | _____ |
| 16.25.5 | Dash mounted ash tray and lighter, driver side. | _____ |
| 16.25.6 | Forward roof mounted console. | _____ |
| 16.25.7 | LH and RH door map pockets. | _____ |
| 16.25.8 | Two (2) Coat hooks on backwall of cab. | _____ |
| 16.25.9 | One (1) Cup holder mounted in bottom center of dash. | _____ |
| 16.25.10 | Two-tone charcoal upper/cool gray lower soft touch wing dash with black drive side cosmetic under dash cover. | _____ |
| 16.25.11 | Heater, defroster and air conditioner with constant temperature control and cosmetic cover. | _____ |
| 16.25.12 | HVAC ducting with foam main fresh air filter. | _____ |
| 16.25.13 | Main HVAC controls with recirculation switch. | _____ |
| 16.25.14 | Standard Heater plumbing. | _____ |
| 16.25.15 | Valeo heavy duty a/c refrigerant compressor; or equivalent design. | _____ |
| 16.25.16 | Radiator mounted air conditioner condenser. | _____ |
| 16.25.17 | Binary control R-134A. | _____ |
| 16.25.18 | Cab Insulation. | _____ |

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

16.0 Chassis Continued:

Bidder's Response:

16.25.19 Automatic self-reset circuit breakers/fuses in dash power distribution boxes and fuses in auxiliary power distribution boxes.

16.25.20 Door activated dome light, under dash light and LH and RH door mounted courtesy lights.

16.25.21 Cab door latches with manual door locks.

16.25.22 Basic high back air suspension driver seat with one (1) chamber air lumbar, integrated cushion extension and rear cushion tilt.

16.25.23 National 2 man tool/battery box mid back non suspension passenger seat.

16.25.24 Dual driver seat armrests, no passenger seat armrests.

16.25.25 Gray vinyl driver and passenger seat cover.

16.25.26 Adjustable tilt and telescoping steering column.

16.25.27 4-spoke 18 inch (450MM) leather wrapped steering wheel with switches.

16.25.28 Driver and passenger interior sun visors.

16.26 Instruments & Controls should include below minimums; or equal:

16.26.1 Non-adjustable suspended pedals.

16.26.2 Electronic accelerator control.

16.26.3 Engine remote interface without interlocks.

16.26.4 Bright argent finish gauge bezels.

16.26.5 Black vinyl driver and center instrument panel.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

16.0 Chassis Continued:

Bidder's Response:

16.26.6	Low air pressure indicator light and audible alarm.	_____
16.26.7	2 inch primary and secondary air pressure gauges.	_____
16.26.8	Intake mounted air restriction indicator with graduations.	_____
16.26.9	87 DB to 112 DB self-adjusting backup alarm.	_____
16.26.10	Electronic cruise control with controls on steering wheel spokes.	_____
16.26.11	Key operated ignition switch and integral start position: 4 position off/run/start/accessory.	_____
16.26.12	ICU4ME driver message center with graphical display, black face gauges, diagnostics and data linked.	_____
16.26.13	Heavy duty onboard diagnostics interface connector located below LH dash.	_____
16.26.14	2 inch electric fuel gauge.	_____
16.26.15	Fuel filter restriction indicator.	_____
16.26.16	Engine remote interface with preset fast idle.	_____
16.26.17	Customer interface connector located between seats with caps.	_____
16.26.18	Engine remote interface connector at powertrain Interface connector.	_____
16.26.19	Electrical engine coolant temperature gauge.	_____
16.26.20	2 inch transmission oil temperature gauge.	_____
16.26.21	Electronic outside temperature sensor display in driver message center.	_____
16.26.22	Dash mounted PTO switch with indicator lamp-park brake interlock for customer installed PTO.	_____

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

16.0 Chassis Continued:

Bidder's Response:

16.26.23	Electric engine oil pressure gauge.	_____
16.26.24	AM/FM/WB world tuner radio with Bluetooth, USB and auxiliary inputs.	_____
16.26.25	Roof/overhead console mounted radio.	_____
16.26.26	(4) radio speakers in cab.	_____
16.26.27	AM/FM antenna mounted on LH front a-pillar.	_____
16.26.28	Power and ground wiring for a CB radio in overhead console.	_____
16.26.29	Roof/overhead console CB radio provision.	_____
16.26.30	Multi-band AM/FM/WN/CB LH mirror mounted antenna system.	_____
16.26.31	Electronic MPH speedometer with secondary KPH scale with odometer.	_____
16.26.32	Standard vehicle speed sensor.	_____
16.26.33	Electronic 3000 RPM tachometer.	_____
16.26.34	Ignition switch controlled engine stop.	_____
16.26.35	Five extra switches in dash.	_____
16.26.36	Hardware switch #1, on/off latching, 30 AMPS ignition wired to customer interface connector.	_____
16.26.37	Hardware switch #2, on/off latching, 30 AMPS ignition Wired to customer interface connector.	_____
16.26.38	Hardware switch #2, on/off latching, 20 AMPS ignition wired to customer interface connector.	_____
16.26.39	Hardware switch #2, on/off latching, 10 AMPS ignition wired to customer interface connector.	_____

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

Bid Specifications (Continued)

16.0 Chassis Continued:

Bidder's Response:

- | | | |
|----------|---|-------|
| 16.26.40 | Hardware switch #2, on/off latching, 10 AMPS ignition wired to customer interface connector. | _____ |
| 16.26.41 | Digital voltage display integral with driver display. | _____ |
| 16.26.42 | Single electric windshield wiper motor with delay. | _____ |
| 16.26.43 | Cab/Trailer marker light switch with separate headlight switch and headlight/marker light interrupter switches on steering wheel. | _____ |
| 16.26.44 | One valve parking brake system with warning indicator. | _____ |
| 16.26.45 | Self canceling turn signal switch, headlamp high/low and flash, wash/wipe/intermittent. | _____ |
| 16.26.46 | Pacific insight electronic flasher. | _____ |
| 16.27 | All metal burrs, weld residue, and rough areas shall be ground off to a clean, smooth surface as a minimum. | _____ |
| 16.28 | All body surfaces shall be thoroughly washed with a chemical etching solution; or equivalent process, to remove all dirt, oil and to prepare surface for good paint adhesion. | _____ |
| 16.29 | A lead-free epoxy primer with rust inhibitors shall be applied to all metal surfaces or equivalent system. | _____ |
| 16.30 | Unit is to be painted WHITE. A high gloss, two-part polyurethane topcoat shall be applied or equivalent system. | _____ |

CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS

SAMPLE ONLY - DO NOT COMPLETE AT THIS TIME

Vehicle / Equipment Information Sheet

(To be completed by vendor prior to delivery of vehicles and/or equipment to the City of Alexandria Motor Pool)

-
1. Vehicle Year/Make: _____
 2. Vehicle Model: _____
 3. Keycodes: A: _____ B: _____
 4. Wheelbase: _____ CA: _____
 5. VIN #: _____
 6. Odometer Readings: _____ Miles
 7. Purchase Date: _____
 8. In-Service Date: _____
 9. Engine Make: _____
 10. Engine Model: _____
 11. Engine Oil Capacity: _____ Qts.
 12. Transmission Make: _____
 13. Transmission Model: _____
 14. Transmission Oil Capacity: _____ Qts.
 15. Rear Axle Make: _____
 16. Number of Rear Axles: _____
 17. Rear Axle Oil Capacity: _____ Qts.
 18. Rear Axle Weight Capacity: _____ Lbs.
 19. Front Axle Make: _____
 20. Front Axle Weight Capacity: _____ Lbs.
 21. Vehicle GVWR: _____ Lbs.
 22. Wheel Size: _____
 23. Tire Size/Ply (Front): _____
 24. Tire Size/Ply (Back): _____
 25. Tire Size/Ply (Spare): _____
 26. Total Tire Count: _____
 27. Lugs Per Wheel: _____
 28. Alternator: _____
 29. Battery (Each): _____ AH _____ CCA
 30. Brakes (Type): _____
 31. Steering (Type): _____
 32. Fuel Capacity (Total): _____
 33. EPA Fuel Rating: _____ City _____ Hwy.
 34. Special Body Make: _____
 35. Special Body Model: _____
 36. Other Special Equipment (List): _____

 37. Purchase Price: \$ _____
 38. Purchase Order Number: _____
 39. Service Recommendation: _____ Miles
 40. Date of Manufacture: _____
 41. Warranty Manuals on Vehicle & Other Components: _____

 42. Shop Manuals / Line Sheet: _____
 43. Additional Filters (As Specified): _____
 44. (Trailer Only) Length: _____ Width: _____ Height: _____
 45. (Trailer Only) Hitch Type: _____

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK, 25 CUBIC YARDS**

PRICE PAGE

Bid price for a minimum of one (1) **Rear Loading Refuse Truck, 25 Cubic Yard Capacity**, new and unused, complete unit ready for use, delivered F.O.B., freight pre-paid, as per the bid specifications:

Bid Price \$ _____/per each

Manufacturer's Brand Name: _____ **Model No.:** _____

Body Name: _____ **Model No.:** _____

****Bid prices shall be held firm for a period of _____ from bid award date.**

Warranty Emplacement/Service Site:

Please list your factory authorized warranty emplacement or service site below.

Company Name: _____

Street Address: _____ City/State/Zip: _____

Phone No.: _____ Fax No.: _____

Attention: _____ Title: _____

Bidder Information:

Company Name: _____

Address: _____

City/State/Zip: _____

Telephone #: (_____) _____ Fax #: (_____) _____

Email: _____

Authorized Printed Name and Title: _____

Authorized Signature: _____