



COVER PAGE

Bid Proposal #1866

REAR LOADING REFUSE TRUCK - 25 CUBIC YARD

Sealed bids and electronic submitted bids for the above will be received until **10:00 AM CST, Tuesday, November 15, 2011**, 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: Nancy Thiels, City Clerk
City of Alexandria - City Hall
915 Third Street, First Floor
Alexandria, LA 71301
Phone: 318-449-5047

Mailed via USPS:

Attention: Nancy Thiels, City Clerk
City of Alexandria - City Hall
PO Box 71
Alexandria, LA 71309-0071

Electronic Bid Submission:

www.bidsync.com

Pursuant to Louisiana R.S. 38-2212(A)(1)(F) and R.S. 38-2212.1(B)(4), vendors/contractors now have the option to submit their bids and bid bonds, electronically. To view bids, download, and receive bid notices by e-mail, your company/agency will need to register with **BidSync at BidSync.com** . Please click the link below to register your company: <http://www.bidsync.com/DPX?ac=subscribe®only=1&>

If you need help registering or with completing an e-bid, please call 800-990-9339 (M-F) 8 AM to 7PM (CST).

City of Alexandria Buyer Name:	Sue Ducote
Phone Number:	(318)441-6182
Fax Number:	(318)619-3412
E-Mail Address:	<u>sue.ducote@cityofalex.com</u>



Joe C. Despino
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 CST, Tuesday, November 15, 2011**, and publicly opened in the Council Chambers or Council Committee Room.

City of Alexandria Bid Proposal #1866
Page: 1 of 26
Date Specifications Prepared: October 4, 2011

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:

Nancy Thiels, City Clerk
City of Alexandria - City Hall
915 Third Street
P.O. Box 71
Alexandria, LA 71309-0071
Phone: 318-449-5047

INTRODUCTION

REAR LOADING REFUSE TRUCK - 25 CUBIC YARD

It is the intent of the City of Alexandria to secure pricing for a **Rear Loading Refuse Truck - 25 Cubic Yard Capacity**, 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.

Unit shall be new, unused and of current model year manufacture. Unit shall be equipped with the manufacturer's equipment and accessories which are included as "standard" in the advertised and published literature for the same. No such item of equipment shall be removed or omitted for the reason that it was not specified in this bid document.

All bid prices shall include any and all freight charges. All products are to be shipped F.O.B., freight prepaid, to the City of Alexandria Motor Pool, located at 2021 Industrial Park Road, Building V, Alexandria, LA 71303, to the attention of Anthony Clayton, Superintendent, phone 318-441-6157 or 318-441-6075.

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 entire bid being rejected.

Note: A mandatory pre-bid conference shall be held on Wednesday, October 26, 2011, at 10:00 AM CDT, at the City of Alexandria Purchasing Department, Building A, 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. Failure to do so shall constitute grounds for automatic bid rejection.

CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD

GENERAL CONDITIONS FOR BIDDERS - PLEASE READ CAREFULLY

1. Pursuant to LA R.S 38:2212.1C(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 A.(1)(b), 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 should 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 shall 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 A.(2), 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 and/or Wholesale Price Index. Bids based on specifications which are subject to a recognized escalation index shall be legal and valid.
8. Pursuant to LA R.S. 39:1701-1709, 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.
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.
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.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD**

General Conditions for Bidders - Please Read Carefully (Continued)

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 taxes. A 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.

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 (A)(1)(c)(i) (see Item #22 below).

CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD

General Conditions for Bidders - Please Read Carefully (Continued)

22. All bids shall be signed by hand and in ink by an authorized company representative per LA R.S. 38:2212(A)(1)(c)(i) 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.

23. In-State preferences shall not apply to procurements involving federal funds.

24. Pursuant to LA R.S. 38:2212 C.(2)(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 twenty-one (21) 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; or (3) hand-delivered to all prime bidders who have requested bid documents.

25. All Federal Transit Administration (FTA) funded procurements, including operating assistance funding contracts, are to follow the Best Practices Procurement Manual, to include all applicable federal clauses.

26. 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.

CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD

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.

Sincerely,

City of Alexandria

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD**

BID SPECIFICATIONS

SCOPE: The following bid specifications are to be used as minimum and maximum standards for a **Rear Loading Refuse Truck, 25 Cubic Yard Capacity**, for use by the City of Alexandria Sanitation Department. All quoted products shall either meet or exceed the following specifications.

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.

	<u>Bidder's Response:</u>
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.	<hr/>
1.2 Products shall be new, un-used, and of current model year manufacture.	<hr/>
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 <u>not</u> be a basis for bid award and shall not be included in the total bid price.	<hr/>
1.4 Pursuant to Louisiana R.S. 38:2212.8, bidder shall be a <u>licensed Louisiana Motor Vehicle Dealer</u> . 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.	<hr/>
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.	<hr/>

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD**

Bid Specifications (Continued)

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 at the time of delivery, to the City of Alexandria Motor Pool, located at 2021 Industrial Park Road, Building V, Alexandria, LA 71303, Attention: Anthony Clayton, Motor Pool Superintendent.
- 1.7 Successful bidder shall notify the City of Alexandria Motor Pool, phone number 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.

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.

CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD

Bid Specifications (Continued)

Bidder's Response:

2.0 Warranty: (Continued)

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 three (3) years/150,000 mile engine 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 routine 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.

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; minimum.

CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD

Bid Specifications (Continued)

Bidder's Response:

3.0 Miscellaneous: (Continued)

- 3.6 For Bid Forms that include multiple line items to be priced out, Bidders must indicate either a bid price for each line item or either write "No Bid" or draw a line through the bid price space to indicate that Bidder is not going to bid on that particular bid line item.

Example:

- 1.1 Widget A: Bid Price Per Each: \$12.00
- Widget B: Bid Price Per Each: No Bid
- Widget C: Bid Price Per Each: \$1.00
- Widget D: Bid Price Per Each: -----

4.0 Refuse Body:

- 4.1 Refuse body shall be a hydraulically actuated packer body, rear loading type, with the ability to compact, transport, and hydraulically eject contents.
- 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 have an average compaction rate of 900 pounds per cubic yard based on average household refuse; minimum.
- 4.5 All exterior welds shall be continuous for strength and neatness of appearance.
- 4.6 Refuse body and hopper floor shall be watertight.

CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD

Bid Specifications (Continued)

Bidder's Response:

5.0 Refuse Body Dimensions:

5.1 Refuse body width, length, height and weight must meet the current State and Federal DOTD standards.

5.2 **LIST proposed refuse body dimensions (dimensions are with the tailgate in "locked" position):**

5.1.1. Body Width (not to exceed 96" width);

5.1.2. Body Length (with tailgate in locked position);

5.1.3. Body Height (measurement above frame height);

5.1.4. Body Weight.

6.0 Refuse Body Construction:

6.1 Refuse body should be constructed of a minimum 11 gauge, 80,000 PSI steel.

6.2 Unit shall be designed with longitudinal center floor trough or a flat type flooring, constructed of a minimum 3/16", 50,000 PSI strength steel, running the entire body length.

6.3 Side access door shall be located on the street side of the body side wall; or equivalent design. The door shall be securely fastened to the body side wall by removable hinges; or equivalent design.

6.3.1. Side access door shall be equipped with a safety interlock to disengage the hydraulic system when open; or equivalent design.

6.4 Body shall be adequately braced at all points to withstand repeated applications and/or maximum packing pressures without distortion of members.

6.5 All exterior welds shall be continuous for strength and neatness of appearance.

6.6 Refuse body and floor shall be watertight.

CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD

Bid Specifications (Continued)

Bidder's Response:

7.0 Hopper Construction:

- 7.1 Hopper capacity shall be 3 cubic yards, minimum.
- 7.2 The hopper floor shall be a minimum ¼", 100,000 PSI steel adequately braced to withstand maximum loading pressures.
- 7.3 Hopper sides shall be a minimum ¼", 50,000 PSI.
- 7.4 The hopper wall braces shall be minimum 10 gauge, 80,000 PSI high strength steel.
- 7.5 Hopper floor shall remain stationary during the packing cycle and shall be equipped with a 1-1/4" drain plug; minimum.
- 7.6 Hopper load sill shall be constructed from minimum 5/16" plate welded to a ¼" wall formed structure and be a minimum of 3" below the chassis frame height.

8.0 Tailgate Construction:

- 8.1 Tailgate shall be top hinged to the body at the roofline using cast steel hinges; or equivalent design.
- 8.2 An extruded rubber gasket shall be affixed to provide a watertight seal between the body and tailgate effective up to a minimum of 40" up each side; or an equivalent design.
- 8.3 Tailgate shall be held in the "closed" position by automatic tailgate locks activated by single control lever; or equivalent design.

CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD

Bid Specifications (Continued)

Bidder's Response:

8.0 Tailgate Construction: (Continued)

8.4 Tailgate shall be raised by means of hydraulic cylinder(s) mounted on the outside of the tailgate; or equivalent system.

8.4.1. **LIST** the number of hydraulic cylinders used to raise the tailgate.

8.4.2. Cylinder(s) shall contain a restricting mechanism to prevent the rapid descent of the tailgate.

8.5 Unit shall be equipped with "tailgate ajar" switch with an indicator light in the cab and an external audible alarm; minimum.

8.5.1. "Tailgate ajar" alarm must comply with current ANSI safety standards.

8.6 Unit shall be equipped with a reeving cylinder winch, mounted and recessed on the top of roof of body; or equivalent design.

8.6.1. All associated hydraulic components shall be supplied.

8.6.2. Reeving cylinder shall be capable of handling commercial containers.

8.6.3. Capacity of reeving cylinder shall be no less than 12,000 pounds.

8.7 Unit shall be equipped with personnel steps mounted on both sides of body, adjacent to the tailgate/hopper.

8.7.1. Steps shall be bolted on for easy repair and/or removal.

8.7.2. Steps shall be constructed with a sure-grip, open grate surface; or equivalent design.

8.7.3. Steps shall meet current ANSI safety standards.

CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD

Bid Specifications (Continued)

Bidder's Response:

8.0 Tailgate Construction: (Continued)

8.8 Unit shall be equipped with personnel grab bars or handles mounted on both sides of the body, adjacent to the tailgate/hopper.

8.8.1. Grab bars/handles shall meet current ANSI safety standards.

9.0 Packing Mechanism Construction:

9.1 Sweep panel shall be of the backhoe packing type, and shall be designed to have a minimum clearance to thoroughly clean the hopper bottom during cycling; or equivalent system.

9.2 Total packing cycle time with the PTO and pump should be no more than 30 seconds.

9.2.1. **LIST** the packing cycle time for unit being bid.

9.3 Sweep panel face plate should be constructed of a minimum 3/16" steel and should be reinforced with internal braces constructed of a minimum 3/16" steel.

9.3.1. **LIST** steel gauge and PSI of sweep panel face plate and reinforcement braces for unit being proposed.

9.3.2. Sweep panel face plate shall be equipped with high strength cylinder supports, steel braces and gussets; minimum.

a. **LIST** thickness and PSI of cylinder supports, steel braces and gussets for unit being bid.

9.4 Sweep blade shall be powered by a minimum of two (2), double acting cushioned cylinders equipped with replaceable bushings.

9.4.1. **LIST** size of cylinders (bore size X length) for unit being bid.

CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD

Bid Specifications (Continued)

Bidder's Response:

9.0 Packing Mechanism Construction: (Continued)

9.5 **LIST** the sweep panel cutting edge thickness and steel grade for unit being bid.

9.6 **LIST** side panel face plate steel gauge and PSI, as well as thickness and PSI of the steel side frames and steel center support braces, for the unit being bid.

9.7 The linear slide movement of the sweep panel shall be accomplished by means of either two (2) high strength rectangular tubing; steel rollers or be a trackless design.

9.7.1. **LIST** the means by which sweep panel is moved back and forth for the unit being bid.

9.8 The pivotal rotation of the sweep panel shall be accomplished through the sweep panel cylinder pivot which shall consist of minimum of two (2), 2" diameter stress proof pivot pins.

9.9 The slide, sweep and option cycles shall be positive and automatic, and shall be operated from the tailgate at rear curb-side.

9.9.1. All levers shall be clearly identified, allowing the operator to "Start", "Stop" and "Reverse" the direction of any function, at any time throughout the packing cycle; minimum.

10. Ejection Panel Construction:

10.1 Ejection panel shall from the front of the body and be hydraulically operated and designed to have a minimum clearance to thoroughly clean the body during cycling.

10.2 The load shall be discharged by means of a center mounted positive ejection system; or equivalent system.

10.2.1. A double acting, telescopic cylinder shall extend and retract the full length of the body; or equivalent system.

CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD

Bid Specifications (Continued)

Bidder's Response:

10.0 Ejection Panel Construction: (Continued)

10.3 The ejection panel face plate shall be constructed of a minimum 10 gauge, 50,000 PSI yield steel, with reinforcements.

10.4 The ejection panel shall extend and retract without the assistance of clamp bars.

10.5 The ejection panel shall automatically retract during the packing mode by means of a hydraulic pressure relief system; equivalent system.

10.6 The ejector panel and tailgate raise controls shall be positive type, manually activated and shall be mounted outside at the front of the body, front left-hand side; or equivalent system.

10.7 The ejector panel shall be designed to act as a bulkhead against which refuse is compacted by the packer panel; or equivalent design.

10.8 The ejector panel shall travel the full length of the body of the unit, in one continuous stroke.

10.9 The ejector panel shall have no protrusions so that in it's rearmost position, it will not be damaged if the tailgate is closed with the panel fully rearward.

11.0 Controls:

11.1 The packing mechanism controls shall be located curbside and incorporate direct linkage to the valve spool; or equivalent design.

11.1.1. The valve sections will be located within the side frame of the tailgate and be easily accessible.

11.2 An electrical device shall be supplied to automatically raise the engine speed to the proper RPM during the packing cycle.

CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD

Bid Specifications (Continued)

Bidder's Response:

11.0 Controls: (Continued)

11.3 An additional throttle advance switch shall be mounted at the front left-hand side of the body, near the tailgate raise control handle and at the rear right-hand side, near the packing panel control; or equivalent design.

11.4 The packing panel control shall be designed to accomplish the normal packing cycle in two (2) steps and shall be reversible or stopped at any time during the cycle; or equivalent design.

11.5 The packing panel control shall be a two (2) handle design and located at the rear of the tailgate on the curbside; or equivalent design.

12.0 Hydraulic System:

12.1 A power takeoff/pump combination shall be used to power the hydraulic system; or equivalent design.

12.2 All hydraulic valves shall be hydraulically operated and use direct link controls; or equivalent design.

12.3 The hydraulic pump shall provides a minimum delivery of 27 GPM at 1200 RPM.

12.4 Normal maximum operating pressures should not exceed 2700 PSI.

12.4.1. **LIST** working pressure minimum.

12.4.2. **LIST** working pressure maximum.

12.4.3. **LIST** pressure of packing mechanism - minimum.

12.4.4. **LIST** pressure of packing mechanism - maximum.

12.5 The hydraulic system shall incorporate a relief valve and a hydraulic pressure gauge to protect all components from excess pressure; or equivalent design.

12.6 All hydraulic hoses shall conform to current S.A.E. standards.

CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD

Bid Specifications (Continued)

Bidder's Response:

12.0 Hydraulic System: (Continued)

12.7 Hydraulic tank shall be equipped with a sight and temperature gauge; minimum, and be frame mounted.

12.7.1. **LIST** hydraulic tank capacity for unit being bid.

12.8 A replaceable 10 micron external filter with by-pass valve and visual indicator shall be furnished in the return line of the hydraulic system; or equivalent design.

12.9 Hydraulic oil reservoir shall be equipped with a combination tiller/breather, clean-out cover and shut-off valve in the suction line; or equivalent design.

12.10 All cylinder rods shall be chrome plated; or equal.

12.11 A manually operated hydraulic valve shall be provided with sufficient capacity and design to properly operate all hydraulic components.

12.12 All hydraulic tubes shall be securely clamped to prevent abrasion and excessive noise; or equivalent design.

12.13 All hydraulic hoses and pipes that are exposed to limbs, ground obstructions or debris damage shall be properly shielded or guarded; minimum.

12.14 All pressure and return hydraulic hoses shall have a 4:1 burst safety factor and use hose ends of 37° JIC fittings wherever possible; or equivalent design.

13.0 Electrical:

13.1 All body lighting and reflectors must comply with current FMVSS #108 regulations as well as current DOTD regulations; minimum.

CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD

Bid Specifications (Continued)

Bidder's Response:

13.0 Electrical: (Continued)

- 13.2 All body wiring shall be loomed and/or in conduit with heat shrunk connectors; or equivalent design.
- 13.3 The body shall be equipped with approved LED clearance, warning, tail, license, stop and turn signals in compliance with the state and national safety standards; minimum.
- 13.4 Two (2) white lamps shall be mounted on the upper half of the tailgate and shall be capable of illuminating the hopper area; or equivalent design. The lights shall be activated by a switch located in the cab of chassis.
- 13.5 A strobe light shall be mounted on the upper half of the tailgate. The light shall be activated by a switch located in the cab of chassis.
- 13.6 A mini light bar shall be mounted on top of the cab, centered, in either clear or amber; minimum.
- 13.7 Driver alert buzzer shall be installed at the rear of the tailgate located by the packing controls; or equivalent design.
- 13.8 A light shall illuminate the cab when the tailgate is open and an audible alarm will sound when the tailgate is open; minimum.
- 13.9 Unit shall be equipped with a color rear vision camera installed and mounted in the cab; minimum.
- 13.9.1. **LIST** monitor size of rear vision camera.

14.0 Paint:

- 14.1 All metal burrs, weld residue, and rough areas shall be ground off to a clean, smooth surface; minimum.

CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD

Bid Specifications (Continued)

Bidder's Response:

14.0 Paint: (Continued)

14.2 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.

14.3 A lead-free epoxy primer with rust inhibitors shall be applied to all metal surfaces; or equivalent system.

14.4 Unit is to be painted WHITE. A high gloss, two-part polyurethane topcoat shall be applied; 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.

16.0 Chassis Cab:

16.1 Chassis cab shall be 2012 model year or newer, model 7400 SBA 6X4 (SF625) International; or equal.

16.1.1. Conventional cab, painted white.

16.1.2. Includes two (2) front frame mounted tow hooks.

16.1.3. Includes front bumper constructed of steel, swept back, powder coated gray color; or equal.

16.2 Engine shall be diesel, MaxxForce DT, EPA 10, 270 HP @ 2200 RPM; 860 lb-ft torque @ 1300 RPM; 2400 RPM governed speed; or equal.

16.3 Transmission shall be automatic, Allison 3500 RDS P, 4th generation controls; wide ratio, 5-speed with overdrive; refuse/mixer; includes oil level sensor, with PTO provision, less retarder, with 60,000 lb. GVW max; or equal.

CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD

Bid Specifications (Continued)

Bidder's Response:

16.0 Chassis Cab: (Continued)

16.4 Front axle (non-driving) shall be Meritor MFS-14-143A, wide track, I-beam type, 14,000 lb. capacity; or equal.

16.5 Rear axle shall be tandem, Meritor RT-46-160P, single reduction 46,000 lb. capacity with lube pump and 200 wheel ends gear ratio: 5.38; or equal.

16.6 Rear suspension (tandem) shall be Hendrickson RT-463, walking beam type 54" axle spacing; 46,000 lb. capacity with bronze center bushings; or equal.

16.7 Front suspension shall be spring parabolic, taper leaf, 14,000 lb. capacity, with shock absorbers; or equal.

16.7.1. Includes maintenance-free spring pins rubber bushings; or equal.

16.8 Front tires - two (2) 11R22.5 G661 HSA Goodyear, 497 rev/mile, load range G, 14 ply; or equal.

16.9 Rear tires - eight (8) 11R22.5 G622 RSD Goodyear, 497 rev/mile, load range G, 14 ply; or equal.

16.10 Brake system shall be air dual system for straight truck applications; or equal.

16.10.1. Includes the following minimums:

- a. Brake lines, color and size coded nylon.
- b. Drain valve, twist-type; or equal.
- c. Dust shields, front brake and rear brake.
- d. Air pressure gauges (2) - air 1 and air 2; located in instrument cluster; or equal.
- e. Parking brake control, yellow knob, located on instrument panel.
- f. Parking brake valve for truck.
- g. Quick release valve, Bendix on rear axle for spring brake release: 2 for 6X4.
- h. Slack adjusters, automatic for front and rear.
- i. Spring brake modulator valve, SR-7 with relay valve for 6X4.

CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD

Bid Specifications (Continued)

Bidder's Response:

16.0 Chassis Cab: (Continued)

16.10.2. Air brake ABD, Bendix antilock brake system, full vehicle wheel control system (4 channel); or equal.

16.10.3. Air dryer, Bendix AD-9 with heater, or equal.

a. Air dryer located inside left rail, back of cab; or equivalent design.

16.10.4. Brake chambers, front axle, Haldex 20 sqin; or equal.

16.10.5. Brake chambers, rear axle, Haldex GC3030LHDHO, 30/30 spring brake; or equal.

16.11 Electrical system shall be 12-volt, minimum. Unit shall be equipped with following:

16.11.1. Battery box, steel with plastic lid; or equal.

16.11.2. Data link connector for vehicle programming and diagnostics in cab.

16.11.3. Fuses, electrical SAE blade type; or equal.

16.11.4. Hazard switch, Push On/Push Off, located on top of steering column cover; or equivalent design.

16.11.5. Headlight dimmer switch integral with turn signal lever; or equivalent design.

16.11.6. Headlights, two (2) sealed beam, round, with chrome plated bezels; or equal.

16.11.7. Horn, air black, single trumpet, air solenoid operated.

16.11.8. Jump start stud located on positive terminal of outermost battery; or equivalent design.

CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD

Bid Specifications (Continued)

Bidder's Response:

16.0 Chassis Cab: (Continued)

16.11.9. Parking light integral with front turn signal and rear tail light.

16.11.10. Running light, two (2) daytime, included with headlights.

16.11.11. Starter switch, electric, key operated.

16.11.12. Stop, Turn, Tail and B/U lights dual, rear, combination with reflector.

16.11.13. Turn signal switch, self-cancelling with lane change feature; or equal.

16.11.14. Front turn signals, includes reflectors and auxiliary side turn signals, solid state flashers, flush mounted.

16.11.15. Windshield wiper switch, 2-speed with wash intermittent feature, integral with turn signal lever.

16.11.16. Windshield wipers, single motor, electric, cowl mounted.

16.11.17. Wiring, chassis color coded and continuously numbered.

16.11.18. Cigar lighter including ash cup.

16.11.19. Alternator, Leece-Neville LBP2224H, brush type; 12 volt, 120 amp capacity, pad mounted.

16.11.20. Body builder wiring, back of standard cab at left frame; includes sealed connectors for Tail/Amber Turn/Marker/Backup/Accessory Power/ground and sealed connector for Stop/Turn.

16.11.21. Battery system, maintenance-free, two (2) 12-volt 1300CCA; or equal.

CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD

Bid Specifications (Continued)

Bidder's Response:

16.0 Chassis Cab: (Continued)

16.11.22. Radio, AM/FM, includes multiple speakers and auxiliary input.

16.11.23. Starting motor, Delco Remy 38MT Type 300, or equal; 12-volt.

16.11.24. Low coolant level indicator with audible alarm.

16.11.25. Circuit breakers, manual reset (main panel), SAE Type III with trip indicators.

16.11.26. Cold starting equipment, intake manifold electric grid heater with engine ECM control.

16.11.27. Cruise control, electronic, controls integral to steering wheel.

16.11.28. Engine oil drain plug, magnetic.

16.11.29. Engine shutdown, electric, key operated.

16.11.30. Fuel/Water separator, fuel/water separator and fuel filter in a single assembly; with Water-In-Fuel sensor, engine mounted.

16.11.31. Governor, electronic.

16.12 Cab (conventional) shall include the following minimums:

16.12.1. Arm rests, two (2) molded plastic; one each door.

16.12.2. Clearance/Marker lights, five (5) flush mounted.

16.12.3. Coat hook, in cab located on rear wall, centered above rear window.

16.12.4. Cup holders, two (2) located in lower center of instrument panel.

16.12.5. Dome light, door activated and push On-Off at light lens, timed theater dimming, integral to console, center mount.

CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD

Bid Specifications (Continued)

Bidder's Response:

16.0 Chassis Cab: (Continued)

16.12.6. Tinted glass, all windows.

16.12.7. Grab handle, cab interior, two (2), one on each side.

16.12.8. Four (4) steps per door.

16.12.9. Gauge cluster, indicating engine oil pressure (electronic), water temperature (electronic), fuel (electronic), tachometer (electronic), volt meter, and washer fluid level; minimum.

16.12.10. Driver's seat, non-suspension, high back with integral headrest, vinyl with fixed back.

16.12.11. Two-man passenger seat, fixed back, with two integral headrests, vinyl.

16.12.12. Seat belts; two (2) one 3-point shoulder belts and one 2-point lap belt (center position).

16.12.13. Mirrors; one rearview rectangular, and break-away type bracket mounted convex mirrors mounted on both sides.

16.12.14. Air conditioner with integral heater and defroster.

16.12.15. Overhead molded plastic console, with dual storage pockets with retainer nets and CB radio pocket.

16.12.16. Black rubber floor covering.

16.12.17. Sun visors, two (2) padded vinyl type.

16.13 Fuel tank shall be 50 U.S. gallon, top draw, D style, non polished aluminum, with quick connect outlet, mounted right side, under cab; or equivalent design.

16.14 Unit shall be equipped with external audible backup alarm activated when the unit is in reverse. Backup alarm must meet current ANSI standards.

CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
REAR LOADING REFUSE TRUCK - 25 CUBIC YARD

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 YARD

PRICE PAGE

Bid price for **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 these bid specifications:

Total Bid Price \$ _____

Refuse Body Manufacturer Name: _____

Model Name/Number: _____

Chassis Cab Manufacturer Name: _____ **Model Year:** _____

Model Name/Number: _____

Approximate delivery date after receipt of purchase order: _____/days

=====

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 #: (_____) _____

Authorized Printed Name and Title: _____

Authorized Signature: _____

Email Address (optional): _____