



# COVER PAGE

**Bid Proposal # 2499**

**GRAPPLE TRUCK**

Sealed bids and electronic submitted bids for the above will be received until **10:00 AM CST, Tuesday, October 1, 2024** 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](http://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](http://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](mailto: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 CST, Tuesday, October 1, 2024**, and publicly opened in the Council Chambers or Council Committee Room.

City of Alexandria Invitation for Bid #2499  
Page: 1 of 24  
Date Specifications Prepared: July 31, 2024

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: 318-449-5047

**INTRODUCTION**

**GRAPPLE TRUCK**

It is the intent of the City of Alexandria to secure pricing on a **minimum of one (1) Grapple Truck**, for use by the **City of Alexandria Sanitation Department**.

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.** Unit shall be delivered to the City of Alexandria Motor Pool, to the attention of Joey Powell, Superintended, 2021 Industrial Park Road, Building V, Alexandria, LA 71303, 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 (proposer's) entire bid being rejected.**

Questions and/or clarifications of bid specifications are to be in written form only, either mailed, faxed, or e-mailed to the attention of Donta Howard, City of Alexandria – Public Works, P.O. Box 71, Alexandria, LA 71309-0071; Fax #318-619-3415; e-mail donta.howard@cityofalex.com; and must be received by **4:00pm CST, Thursday, September 12, 2024.**

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:**  
**GRAPPLE TRUCK**

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**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:  
GRAPPLE TRUCK**

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**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 each 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:  
GRAPPLE TRUCK**

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**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:  
GRAPPLE TRUCK**

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**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.cityofalexandria.com](http://www.cityofalexandria.com)) and posted on Central Bidding's website ([www.centralauctionhouse.com](http://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](http://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:**  
**GRAPPLE TRUCK**

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*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](http://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:  
GRAPPLE TRUCK**

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**BID SPECIFICATIONS**

**SCOPE:** The following bid specifications are to be used as minimum and maximum standards for the purchase of a **minimum of one (1) Grapple Truck, for the 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.

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**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. Bid prices shall remain firm until product(s) have been accepted by the City of Alexandria as delivered.

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

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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.

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1.4 **Pursuant to Louisiana R.S. 38:2212.8, bidder shall be a licensed Louisiana Motor Vehicle Dealer/Converter or Secondary Manufacturer.** A copy of the dealer's/converter license shall be attached to the bid upon submission. Failure to submit a copy of a valid Louisiana Motor Vehicle Dealer's license shall be grounds for immediate bid rejection.

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**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:  
GRAPPLE TRUCK**

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**Bid Specifications (Continued)**

**1.0 General: (Continued)**

**Bidder's Response:**

1.5 Two copies 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.

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

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

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1.8 The successful bidder shall provide the City of Alexandria Sanitation Department personnel with a minimum of one (1) day training on the operation and maintenance of the Grapple Truck.

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1.9 **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.

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

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1.11 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: Joey Powell, Motor Pool Superintendent.

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**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:  
GRAPPLE TRUCK**

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**Bid Specifications (Continued)**

**2.0 Warranty:**

**Bidder's Response**

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

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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.

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2.4 The chassis cab should have a minimum warranty of twelve (12) months/ unlimited mileage with minimum five (5) years /150,000 mile engine and after-treatment coverage.

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2.4.1 **LIST** warranty

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

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**3.0 Miscellaneous:**

3.1 Unit shall be delivered with one set of each type filter and fuses necessary for maintenance.

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

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3.3 Chassis should be equipped with 2 1/2 pound fire extinguisher.

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**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:  
GRAPPLE TRUCK**

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**Bid Specifications (Continued)**

**4.0 Chassis:**

**Bidder's Response:**

4.1 Chassis should be a 2025 or new, set back axle with straight truck provisions, non-towing.

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4.2 Engine should be a Cummins L9 350 HP @ 2200 RPM, 2200 GOV RPM minimum, 1050 lb-ft torque @ 1200 RPM; or equal design.

\_\_\_\_\_

4.3 Rear drive axle(s) should have a minimum of 46,000 lbs. load.

\_\_\_\_\_

4.4 Gross vehicle weight capacity should be a minimum of 62,000 lbs.

\_\_\_\_\_

4.5 PTO minimum mode engine limit should be 1400 RPM.

\_\_\_\_\_

4.6 PTO governor ramp rate should be a minimum of 50 RPM per second.

\_\_\_\_\_

4.7 PTO minimum RPM should be 700.

\_\_\_\_\_

4.8 Regen inhibit speed threshold should be 5 MPH.

\_\_\_\_\_

4.9 Unit should have a PTO 1 switch, dash mounted, engage while driving.

\_\_\_\_\_

4.10 Side of hood air intake with firewall mounted Donaldson air cleaner; or equal.

\_\_\_\_\_

4.11 Alternator should be a DR 12V 160 AMP 28-SI quadramount pad with remote battery volt sense.

\_\_\_\_\_

4.12 Chassis should be equipped with three (3) DTNA, flooded starting, min 2850CCA, 525RC batteries; or equal.

\_\_\_\_\_

4.12.1 Single battery box frame should be mounted LH side back of cab.

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**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:  
GRAPPLE TRUCK**

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**Bid Specifications (Continued)**

**4.0 Chassis: (Continued)**

**Bidder's Response:**

4.12.2 Cab mounted control switch with locking provision for positive load disconnect should be mounted outboard driver seat.

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4.12.3 Positive and negative posts for jumpstart should be located on frame next to starter.

\_\_\_\_\_

4.13 Air compressor should be a turbocharged 18.7 CFM with internal safety valve.

\_\_\_\_\_

4.14 Should be equipped with an electronic engine integral shutdown protection system.

\_\_\_\_\_

4.14.1 Engine should be equipped with an aftertreatment device, automatic over the road and virtual regeneration request switch in cluster; or equal design.

\_\_\_\_\_

4.15 The DEF tank capacity should be a minimum of six (6) gallons.

\_\_\_\_\_

4.15.1 Should have 100 percent diesel exhaust fluid tank.

\_\_\_\_\_

4.15.2 DEF tank should be located on LH.

\_\_\_\_\_

4.16 The radiator should be a minimum 1100 square inches.

\_\_\_\_\_

14.16.1 Gates blue stripe coolant hoses; or equal.

\_\_\_\_\_

14.16.2 Coolant hoses should have constant tension hoses.

\_\_\_\_\_

14.16.3 Should be equipped with lower radiator guard.

\_\_\_\_\_

4.17 Flywheel housing should be aluminum.

\_\_\_\_\_

4.18 Transmission should be an Allison 3000 RDS automatic with PTO provisions; or equal.

\_\_\_\_\_

4.18.1 Allison vocational rating for refuse applications should be available; or equal.

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**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:  
GRAPPLE TRUCK**

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**Bid Specifications (Continued)**

**4.0 Chassis: (Continued)**

**Bidder's Response:**

4.18.2 Primary mode and secondary mode gears should be lowest gear 1, start gear 1, highest gear 6.

\_\_\_\_\_

4.18.3 PTO should be mounted LH side of main transmission.

\_\_\_\_\_

**5.0 Front Axle & Suspension:**

5.1 Chassis should include a minimum, 18,000 lb. single front axle.

\_\_\_\_\_

5.2 Front brakes should be Meritor 16.5 x 6 Q+ Cast Spider Cam, double anchor, shoes; or equivalent.

\_\_\_\_\_

5.3 Power steering reservoir capacity should be a minimum of two (2) quarts.

\_\_\_\_\_

5.4 Shall be equipped with automatic front slack adjusters.

\_\_\_\_\_

5.5 Front suspension should be a minimum, 18,000 lb. taperleaf design.

\_\_\_\_\_

5.5.1 Should be equipped front shock absorbers.

\_\_\_\_\_

**6.0 Rear Axle and Suspension:**

6.1 Rear axle should be tandem with pump, 46,000 lb. capacity; 5.38 rear axle ratio; or equal.

\_\_\_\_\_

6.1.1 One (1) interaxle lock valve for tandem drive axles.

\_\_\_\_\_

6.1.2 Each interaxle lockout switch should have an indicator light.

\_\_\_\_\_

6.2 Rear should be equipped with Wabco Tristop D Longstroke 2-drive Axle spring parking chambers; or equal design.

\_\_\_\_\_

6.3 Chassis should be equipped with a minimum 46,000 lb. rear spring type suspension, 7.19" saddle and 52 inch axle spacing; or equal design.

\_\_\_\_\_

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:  
GRAPPLE TRUCK**

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**Bid Specifications (Continued)**

**7.0 Brake System:**

***Bidder's Response:***

- 7.1 Unit should be equipped with air brake package. \_\_\_\_\_
- 7.2 ABS should be WABCO 4S/SM; or equal. \_\_\_\_\_
- 7.3 Brake line air dryer with heater shall be mounted under hood. \_\_\_\_\_
- 7.4 Should have pull cable on wet tank, petcock drain valves on all other air tanks. \_\_\_\_\_

**8.0 Wheelbase and Frame:**

- 8.1 Wheelbase should be a minimum of 290 inches. \_\_\_\_\_
- 8.2 Steel frame should be 7/16 X 3-9/16 X 11-1/8 inch. \_\_\_\_\_
- 8.3 C-Chanel inner frame reinforcement – 1/4 inch. \_\_\_\_\_
- 8.4 Rear frame overhang range a minimum, 100 inches. \_\_\_\_\_
- 8.5 Frame overhang range should be 91 inches to 100 inches. \_\_\_\_\_
- 8.6 Back of cab to rear suspension C/L should be a minimum of 223.82 inches. \_\_\_\_\_
- 8.7 Effective back of cab to rear suspension C/L should be a minimum of 220.82 inches. \_\_\_\_\_
- 8.8 Overall calculated frame length should be a minimum of 419.16 inches. \_\_\_\_\_
- 8.9 Frame space LH side should be calculated at 143.82 inches. \_\_\_\_\_
- 8.10 Frame space RH side should be calculated at 169.7 inches. \_\_\_\_\_
- 8.11 Frame should be square end. \_\_\_\_\_
- 8.12 Frame should be equipped with front closing crossmember. \_\_\_\_\_

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:  
GRAPPLE TRUCK**

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**Bid Specifications (Continued)**

**9.0 Chassis Equipment:**

***Bidder's Response:***

9.1 Chassis should be equipped with a three-piece 14 inch-steel center bumper with flexible plastic ends.

\_\_\_\_\_

9.2 Chassis should have frame mounted front tow hooks.

\_\_\_\_\_

9.3 Single license plate bumper should be mounted on LH side.

\_\_\_\_\_

9.4 Chassis should be equipped with fender and front of hood front mudflaps.

\_\_\_\_\_

**10.0 Fuel Tank:**

10.1 Fuel tank should be constructed of aluminum, with a minimum 70 gallon/264 Liter capacity located on LH; or equal design.

\_\_\_\_\_

10.2 Tank should have a fuel/water separator with water in fuel sensor.

\_\_\_\_\_

**11.0 Tires, Hubs and Wheels:**

11.1 Front Tires should be 20 ply 65R22.5.

\_\_\_\_\_

11.2 Rear Tires should be 16 ply 11R22.5.

\_\_\_\_\_

11.3 Front and rear hubs should be constructed of iron.

\_\_\_\_\_

11.4 Front wheels should be 22.5x8.25 10-hub Pilot 4.75 inset 5-hand steel disc; or equivalent design.

\_\_\_\_\_

11.5 Rear wheels should be 22.5x8.25 10-hub Pilot 5-hand steel disc; or equivalent design.

\_\_\_\_\_

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:  
GRAPPLE TRUCK**

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**Bid Specifications (Continued)**

**12.0 Cab Exterior:**

**Bidder's Response:**

12.1 Conventional cab should be 106 inch BBC flat roof constructed of aluminum.

\_\_\_\_\_

12.2 Unit should be equipped with air cab mounting.

\_\_\_\_\_

12.3 Grab handles should be located LH and RH.

\_\_\_\_\_

12.4 Grille and hood mounted air intake grille should be mold-in color.

\_\_\_\_\_

12.5 Hood should be constructed of fiberglass.

\_\_\_\_\_

12.6 Liner should be tunnel/firewall.

\_\_\_\_\_

12.7 Unit should be equipped with dual 26 inch rectangular polished aluminum air horns mounted on the cab roof.

\_\_\_\_\_

12.8 Dual electric horns and dual horn shields should be installed.

\_\_\_\_\_

12.9 Rear license plate mount should be located on the end of frame.

\_\_\_\_\_

12.10 Marker lights should be LED aerodynamic.

\_\_\_\_\_

12.11 Cab should be equipped with dual west coast molded-in color heated mirrors with LH and RH remote; or equal.

\_\_\_\_\_

12.12 LH and RH should be equipped with a minimum, 8 inch molded-in color convex mirrors mounted under primary mirror.

\_\_\_\_\_

12.13 RH should be equipped with a minimum, 8 inch stainless steel fender mounted convex mirror with tripod brackets.

\_\_\_\_\_

12.14 After treatment system cab access with cover should be located RH.

\_\_\_\_\_

12.15 Electric powered windows should be located RH and LH.

\_\_\_\_\_

12.16 Windshield should be constructed of 1-piece roped-in solar green glass.

\_\_\_\_\_



**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:  
GRAPPLE TRUCK**

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**Bid Specifications (Continued)**

**13.0 Cab Interior:**

**Bidder's Response:**

13.1 Interior should be mist and carbon "Professional" cloth.

\_\_\_\_\_

13.2 Dual USB-C outlet and 12v power outlet should be dash mounted.

\_\_\_\_\_

13.3 Console should be forward roof mounted.

\_\_\_\_\_

13.4 Door storage pockets should be integrated into molded door panels located LH and RH.

\_\_\_\_\_

13.5 Digital alarm clock should be located on driver display.

\_\_\_\_\_

13.6 Two (2) cup holders should be located LH and RH on dash.

\_\_\_\_\_

13.7 Dash should be M2/SD; or equal design.

\_\_\_\_\_

13.8 Air conditioner with integral heater and defroster.

\_\_\_\_\_

13.8.1 Main HVAC control should have a recirculation switch.

\_\_\_\_\_

13.8.2 Heater plumbing should have ball shutoff valves at supply lines only.

\_\_\_\_\_

13.9 Cab should be equipped with solid-state circuit protection and fuses.

\_\_\_\_\_

13.10 Door locks and ignition switch should be keyed the same.

\_\_\_\_\_

13.11 Electric door locks should be located LH and RH.

\_\_\_\_\_

13.12 Driver seat should be basic high back, air suspension with mechanical lumbar and integrated cushion extension.

\_\_\_\_\_

13.13 Passenger seat should be two (2) man tool box, mid back non-suspension.

\_\_\_\_\_

13.14 Integral door panel armrests should be located LH and RH.

\_\_\_\_\_

13.15 Steering column should be capable of telescoping, adjusting and tilt.

\_\_\_\_\_

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:  
GRAPPLE TRUCK**

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**Bid Specifications (Continued)**

**13.0 Cab Interior: (Continued)**

**Bidder's Response:**

13.16 Cab should have driver and passenger interior sun visors.

\_\_\_\_\_

13.17 Three (3) point driver and passenger seat belts; or equal.

\_\_\_\_\_

**14.0 Instruments and Controls:**

14.1 Unit should be equipped with the following instruments and controls; or equivalent:

a. Low air pressure indicator light and audible alarm.

\_\_\_\_\_

b. Dual needle primary and secondary air pressure gauge.

\_\_\_\_\_

c. Intake mounted air restriction indicator without graduations.

\_\_\_\_\_

d. Back up alarm should be 97 DB.

\_\_\_\_\_

e. Premium instrument cluster with 5.0 inch TFT color display.

\_\_\_\_\_

f. Digital panel lamp dimmer switch in driver display.

\_\_\_\_\_

g. Heavy duty onboard diagnostics interface connector located below LH dash.

\_\_\_\_\_

h. Electric fuel gauge should be 2 inches.

\_\_\_\_\_

i. Engine remote interface with one or more set speeds.

\_\_\_\_\_

j. Interface connector should be TMC RP170.

\_\_\_\_\_

k. Electrical engine coolant temperature gauge.

\_\_\_\_\_

l. Digital transmission oil temperature in driver display.

\_\_\_\_\_

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:  
GRAPPLE TRUCK**

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**Bid Specifications (Continued)**

**14.0 Instruments and Controls: (Continued)**

**Bidder's Response:**

m. Electronic outside temperature sensor display in driver message center.

\_\_\_\_\_

n. Engine and trip hour meters integral within driver display.

\_\_\_\_\_

o. PTO controls for enhanced vehicle electric/electronic architecture.

\_\_\_\_\_

p. Electric engine oil pressure gauge.

\_\_\_\_\_

q. AM/FM/WB world tuner radio with auxiliary input.

\_\_\_\_\_

r. Dash mounted radio.

\_\_\_\_\_

s. Two (2) radio speakers located in cab.

\_\_\_\_\_

t. 24 Inch AM/FM antenna mounted on LH side mirror.

\_\_\_\_\_

u. Electronic mph speedometer with secondary KPH scale, without odometer.

\_\_\_\_\_

v. Electronic 3000 RPM tachometer.

\_\_\_\_\_

w. 3 years Daimler connectivity base package.

\_\_\_\_\_

x. TMC RP1226 accessory connector located behind passenger side removable dash panel.

\_\_\_\_\_

y. Ignition switch controlled engine stop.

\_\_\_\_\_

z. Pre-trip inspection feature for exterior lamps and service brakes.

\_\_\_\_\_

aa. One (1) overhead mounted lanyard control for driver air horn.

\_\_\_\_\_

bb. No Trailer hand control brake valve.

\_\_\_\_\_

cc. Digital turbo air pressure in driver display.

\_\_\_\_\_

dd. Digital voltage display integral with driver display.

\_\_\_\_\_

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:  
GRAPPLE TRUCK**

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**Bid Specifications (Continued)**

**14.0 Instruments and Controls: (Continued)**

**Bidder's Response:**

- ee. Single electric windshield wiper motor with delay.
- ff. Rotary headlamp switch, marker lights/headlights switch with pull out for optional fog/road lamps.
- gg. One (1) valve parking brake system with warning indicator.
- hh. Self canceling turn signal switch with dimmer, headlamp flash, wash/wipe/intermittent.
- ii. Integral electronic turn signal flasher with 40 amp (20 amp per side) trailer lamp capacity.

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**15.0 Paint:**

- 15.1 Unit shall be painted white.

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**16.0 Hydraulic Trash Loader Body:**

- 16.1 Dump body should be a 22" frameless.
  - 16.1.2 Yardage should be 27/35.
  - 16.1.3 Floor material should be 3/16" steel.
  - 16.1.4 Front material should be 56" sloped up 72" in First 8' 10 galvanized steel.
  - 16.1.5 Side material should be 72" 10 galvanized.
  - 16.1.6 Body should be supported using vertical and horizontal braces.
  - 16.1.7 The hoist system should have a hydraulic cylinder to be used for dumping purposes.

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**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:  
GRAPPLE TRUCK**

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**Bid Specifications (Continued)**

**16.0 Hydraulic Trash Loader Body: (Continued)**

**Bidder's Response:**

16.2 Tailgate should be constructed of three (3), 10 galvanized steel 72" vertical panels.

\_\_\_\_\_

16.2.1 Tailgate shall be have a center opening and be secured with a 5/16" chain.

\_\_\_\_\_

**17.0 Options:**

17.1 The options listed below should be available; or equivalent:

a. Bolted on LED lights.

\_\_\_\_\_

b. 6" channel long sills .

\_\_\_\_\_

c. 4" channel crossmembers with 12" center full gusset.

\_\_\_\_\_

d. 4" structural channel frame for front.

\_\_\_\_\_

e. Side braces 3" channel up right on 2' centers.

\_\_\_\_\_

f. Rear door support on top of gate should be 3" tubing.

\_\_\_\_\_

**18.0 Paint:**

18.1 Trash loader body shall be primed and painted black.

\_\_\_\_\_

**19.0 Knuckle Boom and Grapple:**

19.1 Prentice 2124 Knuckle Boom Loader should be mounted mounted behind cab; or equivalent model.

\_\_\_\_\_

19.1.1 Grapple should be model 42SWGGrapple; or equivalent model.

\_\_\_\_\_

19.2 Should be equipped with a split flow tandem circuit hydraulic pump.

\_\_\_\_\_

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:**  
**GRAPPLE TRUCK**

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**Bid Specifications (Continued)**

**19.0 Knuckle Boom and Grapple: (Continued)**

**Bidder's Response:**

19.3 Stacked hydraulic valve sections with mechanical joysticks.

\_\_\_\_\_

19.4 Oil tank shall have a minimum capacity 42 gallon.

\_\_\_\_\_

19.5 Boom shall have a 22' horizontal reach and 34' work height.

\_\_\_\_\_

19.6 Weather resistance hoses should be rated at 4000 PSI.

\_\_\_\_\_

19.7 Telescopic A-frame stabilizers with individual platform controls.

\_\_\_\_\_

19.7.1 Stabilizer pad should be 10"x15".

\_\_\_\_\_

19.8 Main boom should be 4.5" Borer x 2 ½" rod.

\_\_\_\_\_

19.9 Stick boom should be 4.5" Bore x 2 ½" rod.

\_\_\_\_\_

19.10 Stabilizer should have two (2) 3" bore x 2" rod.

\_\_\_\_\_

19.11 Platform should be right side mounted with fold over seat and armrests.

\_\_\_\_\_

19.11.1 Shall have access to platform by a single ladder.

\_\_\_\_\_

19.12 For operation the loader shall be equipped with the below:

19.12.1 Two (2) mechanical joysticks and proportional teleboom controls.

\_\_\_\_\_

19.12.2 Swing pedal with mechanical linkage.

\_\_\_\_\_

19.12.3 Individual controls for activation of stabilizer.

\_\_\_\_\_

19.13 Boom shall have a minimum weight capacity of 5700 lbs.

\_\_\_\_\_

**END OF SPECIFICATIONS**

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:**  
**GRAPPLE TRUCK**

*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:**  
**GRAPPLE TRUCK**

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**PRICE PAGE**

Bid price for the minimum of one (1) **Grapple Truck**, new and unused, complete unit ready for use, delivered F.O.B., freight pre-paid, as per the bid specifications:

**Chassis Manufacturer's Make & Model:** \_\_\_\_\_

**Hydraulic Trash Loader Body Manufacturer's Make & Model:** \_\_\_\_\_

**Knuckle Boom Loader Manufacturer's Make & Model:** \_\_\_\_\_

**Grapple Manufacturer's Make & Model:** \_\_\_\_\_

**Total Bid Price \$** \_\_\_\_\_ **/Each**

*Bid price to be firm until the date entered by the bidder for future purchases by the City of Alexandria or another public procurement unit IAW R.S. 38:1701-1709.*

**Bid price guaranteed until:** \_\_\_\_\_

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**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: \_\_\_\_\_

Email: \_\_\_\_\_



**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:**  
**GRAPPLE TRUCK**

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**Bidder Information:**

Company Name: \_\_\_\_\_

Address: \_\_\_\_\_

City/State/Zip: \_\_\_\_\_

Telephone #: (\_\_\_\_\_) \_\_\_\_\_ Fax #: (\_\_\_\_\_) \_\_\_\_\_

Email Address: \_\_\_\_\_

Authorized Printed Name and Title: \_\_\_\_\_

Authorized Signature: \_\_\_\_\_

(Per LA R.S. 38:2212 B. (5)(a)(b)(c) - See General Conditions Item #22, Page 4 of these bid specifications).