



COVER PAGE

Bid Proposal # 2342

THREE WHEEL BROOM SWEEPER WITH BELT CONVEYOR AND DUAL CONTROLS

Sealed bids and electronic submitted bids for the above will be received until **10:00 AM CST, Tuesday, October 19, 2021** 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.centralauctionhouse.com (phone 1-225-810-4814). Registration will need to be completed prior to posting of bid.

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

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



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 CDT, Tuesday, October 19, 2021**, and publicly opened in the Council Chambers or Council Committee Room.

City of Alexandria Bid # **2342**

Page: 1 of 24

Date Specifications Prepared: August 16, 2021

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

THREE WHEEL BROOM STREET SWEEPER WITH BELT CONVEYOR AND DUAL CONTROLS

It is the intent of the City of Alexandria to secure pricing for the purchase of a minimum of one (1) Three Wheel Broom Street Sweeper with Belt Conveyor, and dual control (able to be operated from either the left side or the right side) for use by the City of Alexandria Street Department.

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.

Bid prices shall remain in effect for a period of ninety (90) days from bid award date.

The bid price shall include any and all freight charges. All products are to be shipped F.O.B., freight pre-paid, to the City of Alexandria Motor Pool, located at 2021 Industrial Park Road, Building V, Alexandria, LA 71303, to the attention of Anthony Clayton, Motor Pool 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.

Questions and/or clarifications of bid specifications are to be in written form only, either mailed, faxed, or e-mailed to the attention of Casey Barnes, City of Alexandria - Purchasing Department, P.O. Box 71, Alexandria, LA 71309-0071; Fax #318-619-3415; e-mail casey.barnes@cityofalex.com; and must be received by close of business on Wednesday, October 6, 2021.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
THREE WHEEL BROOM STREET SWEEPER WITH BELT CONVEYOR & DUAL CONTROLS**

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:
THREE WHEEL BROOM STREET SWEEPER WITH BELT CONVEYOR & DUAL CONTROLS**

General Conditions for Bidders - Please Read Carefully (Continued)

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

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
THREE WHEEL BROOM STREET SWEEPER WITH BELT CONVEYOR & DUAL CONTROLS**

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:
THREE WHEEL BROOM STREET SWEEPER WITH BELT CONVEYOR & DUAL CONTROLS**

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) and posted on Central Bidding's website (www.centralauctionhouse.com) if applicable.
25. All Federal Transit Administration (FTA) funded procurements, including operating assistance funding contracts, are to follow the *Master Agreement*, to include all applicable federal clauses.
- a. Any bidder that is found listed on the Federal Government's *System for Award Management* (SAM) website, at www.sam.gov/portal/sam , under the advanced search feature for *Excluded Parties List System* (EPLS), shall automatically be rejected for the award of this bid, by Category and/or in its entirety. This applies to any portion of the bid that is a procurement funded by FTA.
26. Under the City's *AFEAT (Alexandria Fairness, Equality, Accessibility, and Teamwork Program)*, participation by minority and/or disadvantaged business enterprise firms is encouraged. Inquiries about the *AFEAT* Program should be directed to the Division of Finance. As a part of its RFP response, each Bidder ***shall*** submit documentation of its bona fide effort to secure subcontractors that meet the City's *AFEAT* goals. Each bidder ***shall*** also submit proof of engagement of any subcontractor selected because of its solicitations. The Bidder's bona fide efforts and engagement(s) are a consideration in bid review and rating.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
THREE WHEEL BROOM STREET SWEEPER WITH BELT CONVEYOR & DUAL CONTROLS**

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

Dear Vendor:

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

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

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

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

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

Sincerely,

City of Alexandria

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
THREE WHEEL BROOM STREET SWEEPER WITH BELT CONVEYOR & DUAL CONTROLS**

SPECIFICATIONS

SCOPE: The following bid specifications are to be used as minimum and maximum standards for a **Three Wheel Broom Street Sweeper with Belt Conveyor and Dual Controls**. Unit shall be equipped with a minimum 3.6 cubic yard front high dumping hopper, hydrostatic transmission and right and left side broom with variable down pressure controlled with dual controls from the cab; or equal design. Sweeper shall have dual controls (able to be operated from either the left side or the right side). All bids shall either meet or exceed these bid 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.**

=====

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 price shall remain firm until unit has been accepted by the City of Alexandria as delivered.

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

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

1.4 Two (2) 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/DVD versions of manuals are acceptable.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
THREE WHEEL BROOM STREET SWEEPER WITH BELT CONVEYOR & DUAL CONTROLS**

SPECIFICATIONS

Bidder's Response:

1.0 GENERAL: (Continued)

1.5 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 the sweeper.

1.6 **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 lubricants and fluid levels necessary for normal operation prior to delivery.

1.7 The City of Alexandria using department for whom the unit is intended shall not be allowed to accept delivery from the successful bidder, see Bid Specification Item 1.6 above.

1.8 Unit 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.

1.9 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 this bid.

1.10 Each respective bidder shall be responsible for ensuring 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 unit being bid, to include all sub-contracted components installed by vendor as well as vendor warranted components.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
THREE WHEEL BROOM STREET SWEEPER WITH BELT CONVEYOR & DUAL CONTROLS**

SPECIFICATIONS

Bidder's Response:

2.0 PRODUCT 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 Warranty shall be for a minimum of one (1) year.

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

3.2 Unit shall be delivered with a five (5) pound fire extinguisher with the mounting brackets.

3.3 Unit shall be equipped with the most current D.O.T. specified triangle reflector kit and slow moving vehicle placard; minimum. Items should be located in the cab.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
THREE WHEEL BROOM STREET SWEEPER WITH BELT CONVEYOR & DUAL CONTROLS**

SPECIFICATIONS

Bidder's Response:

3.0 MISCELLANEOUS: (Continued)

3.5 A manufacturer's qualified technician shall provide complete training to City of Alexandria Street Department personnel at the City's Central Facility location. Training shall be at a mutually agreed upon date and time. Training shall include safety, operation, routine maintenance and service schedule.

4.0 CHASSIS:

4.1 Configuration shall be three - wheel, rear steer; or equal design.

4.2 For safety, steering strut shall have dual tires.

4.3 To protect the target vehicle receiving the hopper discharge, sweeper shall have permanently fixed heavy duty steel bumpers with rubber padding; or equal design, capable of limiting the forward movement of the sweeper before the sweeper drive wheels or chassis can impact the target vehicle.

4.4 For maximum strength, chassis shall be fully welded, formed channel and boxed tube style; or equal design.

4.5 Chassis shall have front and rear tow hooks.

4.6 Engine compartment cover shall have raising assist cylinders or a latching device to keep the cover open and secure.

4.7 Rear axle shall be strut type; or equal, and have a minimum capacity of 7,400 pounds.

4.8 Front axles shall be stub type; or equal, and each should having a minimum 10,000 pounds capacity.

4.9 Sweeper shall be equipped with an automatic lubrication system to dispense grease to all lube points on the entire sweeper; or equal design.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
THREE WHEEL BROOM STREET SWEEPER WITH BELT CONVEYOR & DUAL CONTROLS**

SPECIFICATIONS

Bidder's Response:

5.0 CHASSIS ENGINE:

5.1 Diesel engine shall be 4 cylinder, turbocharged, dynamically counterbalanced, 276 cu/in, John Deere 4045T; or equal.

5.2 Engine shall have EPA Tier 4f (final) emissions.

5.3 Engine should be power rated at 55KW @ 2400 RPM.

5.4 Engine shall be rubber mounted to secure engine and absorb road-shock and engine vibration; or equal design.

5.5 Engine shall be equipped with an automatic shutdown for protection against either low oil pressure or high coolant temperature conditions; minimum.

5.6 For operator safety in the event of engine cutout, steering system shall have a manual override; minimum.

5.7 For greater heat dissipation and lower cost of maintenance, engine should have individually replaceable wet sleeve cylinder liners; or equal.

5.8 Air cleaner shall be dual element safety dry-type; or equal.

5.9 Anti-freeze/water mixture shall be rated at -20°. Engine shall include a separate cold weather start aid system.

5.10 Diesel fuel tank shall have a minimum capacity of 35 U.S. gallons.

5.11 Unit shall be equipped with a cab operated, ether spray system to assist with starting auxiliary engine in cold weather; or equal system.

5.12 Unit should be equipped with a battery that can be positively disconnected from the sweeper with an in-cab switch for safety reasons during service and maintenance work; or equal design.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
THREE WHEEL BROOM STREET SWEEPER WITH BELT CONVEYOR & DUAL CONTROLS**

SPECIFICATIONS

Bidder's Response:

6.0 HYDROSTATIC TRANSMISSION:

6.1 Pump shall be variable displacement with separate variable displacement wheel drive motors; or equal.

6.2 Power shall be evenly distributed through planetary torque hubs; or equal system.

6.3 Power should be transferred from wheel drive motors to planetary torque hubs without side loading.

6.4 Single foot pedal shall automatically produce required torque at a set pressure and control both forward and reverse directions; or equal system.

6.5 To prevent the possibility of contamination and the resulting damage to the transmission system, transmission should be protected by 10 micron filter or equivalent, with cab restriction indicator.

7.0 TIRES AND WHEELS:

7.1 Front drive tires and dual rear tires should be tubeless radial type tires, load range H, mounted on disc wheels.

7.2 To reduce chassis fatigue, sweeper shall be equipped with fully sprung guide wheel strut utilizing two large heavy duty springs; or equal design.

7.3 Rear Suspension should be single-sided, swing-arm type; or equal design.

7.4 Rear suspension should have a minimum three (3) inches of travel for maximum bounce.

7.5 Rear suspension should have single convolution hollow rubber spring to prevent hard stop of suspension at bounce limit for increased ride quality; or equal design.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
THREE WHEEL BROOM STREET SWEEPER WITH BELT CONVEYOR & DUAL CONTROLS**

SPECIFICATIONS

Bidder's Response:

8.0 BRAKES: (Continued)

8.1 Service brakes shall be full power, hydraulically applied, twin caliper disk type; or equal.

8.2 For safety, the hydrostatic system should be equipped with a priority relief valve to enable the sweeper to gradually coast to a stop when the accelerator pedal is released.

8.3 For safety, loss of engine power shall not automatically engage brakes.

8.4 For safety, loss of hydraulic power shall not automatically engage brakes.

8.5 For safety, neither brake engagement nor disengagement shall be dependent on the engine running, or be dependent on any electrical circuit.

8.6 To safely provide redundancy, parking brake should be positively and mechanically applied to drive axle.

8.7 Neither parking brake engagement nor disengagement shall be dependent on any electrical circuit.

9.0 CAB:

9.1 Cab interior environment shall be fully conditioned with fresh air/AC/heater/defroster; minimum, and have adjustable vents.

9.2 No portion of the air conditioning system should protrude above the cab roofline.

9.3 To maximize operator visibility, cab glass area should be no less than 8,500 square inches.

9.4 For safety and maximum operator visibility, door windows should be all glass and capable of latching completely sealed with a minimum 6" opening for flow through ventilation.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
THREE WHEEL BROOM STREET SWEEPER WITH BELT CONVEYOR & DUAL CONTROLS**

SPECIFICATIONS

Bidder's Response:

9.0 CAB: (Continued)

9.5 Front windows shall be tinted. Front window area should be a minimum of 2200 square inches for optimum forward visibility.

9.6 For safety, minimum cab visibility should be 360° without using mirrors.

9.7 For operator safety, cab doors should be rear opening; hinged at front; or equal design.

9.8 Right-hand and left-hand seat shall be woven nylon cloth upholstered, foam cushioned bucket type with torsion suspension mounting and seat belts; or equal design.

9.9 Sweeper shall include one (1) inside rear view mirror and two (2) outside, west coast type mirrors; or equal.

9.9.1. Cab and body mirrors should be heated and hand adjustable type.

9.10 To maximize operator visibility, outside mirrors should be mounted forward of cab enclosure.

9.11 For safety during night sweeping, rocker switches shall be internally illuminated; or equal design, so they are readily identified without the use of the cab dome light.

9.12 Windshield wiper shall be two speed intermittent with washer; minimum.

9.13 Interior of cab shall be lined with acoustical insulation; or equal, and have automotive type trim and center console.

9.14 Dash shall be faced with soft molded plastic; or equal design.

9.15 Steering wheel should have a center horn with tilt and telescopic steering wheel for safer operation.

9.16 Sweeper shall have an automatic electronic back-up alarm; minimum.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
THREE WHEEL BROOM STREET SWEEPER WITH BELT CONVEYOR & DUAL CONTROLS**

SPECIFICATIONS

Bidder's Response:

10.0 SIDE BROOMS: (Continued)

10.4 Each broom shall consist of four (4) replaceable plastic segments, filled with 26" long tempered wire; or equal design.

10.5 Broom diameter should not be less than 36", protruding not less than 13" beyond outside of tire while sweeping.

10.6 Equipped with an electrically operated tilting mechanism that allows operator to change inward/outward tip of the right and left sidebroom; or equal design. The angle should be capable of being changed from the cab while sweeping.

10.7 To protect broom mechanisms, the side brooms should raise automatically when the sweeper is reversed. The side brooms should return to their sweep position and set down pressure when a forward direction is resumed.

11.0 MAIN BROOM:

11.1 Main broom shall be hydraulic, direct drive; or equal design, and should not be less than 35" diameter and not less than 68" long.

11.2 To provide flexibility for varying sweeping conditions, broom speed should be variable, from 80 RPM to 140 RPM, by operator from cab while moving independent of sweeping speed.

11.3 Broom shall be prefab disposable type, filled with polypropylene; or equal design.

11.4 Broom should be double wrapped at both ends.

11.5 Sweeping path should not be less than 8 feet wide with one gutter broom activated.

11.6 To protect the broom mechanism, the main broom should raise automatically when the sweeper is reversed. The broom should return to its sweep position and set down pressure when a forward direction is resumed.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
THREE WHEEL BROOM STREET SWEEPER WITH BELT CONVEYOR & DUAL CONTROLS**

SPECIFICATIONS

Bidder's Response:

12.0 CONVEYOR:

12.1 Conveyor with Chevron style cleats and sipes; or equal, shall be hydraulically driven and able to load hopper to 100% of rated usable capacity.

12.2 Conveyor should be reversible in direction without stopping or reversing any broom.

12.3 Conveyor shall be capable of effectively sweeping debris of varying sizes, from large bulky trash 6" in height to fine sand, without the need to make any adjustments to the conveyor system.

12.4 To reduce wear on all conveyance components, a conveyor belt having molded Chevron style cleats and sipe, shall carry, not drag, debris to the hopper; or equal design.

12.5 To protect the broom mechanism, the main broom should raise automatically when the sweeper is reversed. The broom shall return to its position and down pressure when a forward direction is resumed.

12.6 Unit should have the ability to clean lower conveyor roll by diverting fill water, at hydrant pressure through the conveyor roll area.

12.7 Conveyor shall be equipped with drag shoe skid on right hand and left hand; or equal design.

12.8 Unit shall be equipped with a conveyor drag shoe skid Right Hand and Left Hand.

13.0 HOPPER:

13.1 For safety, the hopper shall be front dumping, allowing an operator to observe the dump target and surrounding area at all times from the cab, without the use of mirrors.

13.2 Hopper should have the ability to dump at varying heights ranging from ground level to a height of 9½ feet.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
THREE WHEEL BROOM STREET SWEEPER WITH BELT CONVEYOR & DUAL CONTROLS**

SPECIFICATIONS

Bidder's Response:

13.0 HOPPER: (Continued)

13.3 Hopper should have a dumping reach of 33 inches forward.

13.4 To extend wear life, tilt arm bearings shall be perma-lube Teflon impregnated composite; or equal.

13.5 Volumetric capacity shall be not less than 3.6 cubic yards; useable capacity not less than 3.5 cubic yards.

13.6 Dump cycle should be not more than 60 seconds.

14.0 WATER SYSTEM:

14.1 Tank capacity should be approximately 220 U.S. gallons; minimum.

14.2 Tank shall be constructed of non-rusting material; polyethylene or 7 gauge type 304 stainless steel.

List type of tank construction offered:

14.3 Pump shall be twin diagram; or equal design, capable of running dry.

14.4 Water fill gauge shall be visible from normal operating position.

14.5 Sweeper shall be equipped with an automatic internal hopper/conveyor flush and wash down system.

14.6 Water fill hose should be approximately 16' 8" in length, equipped with 2½" NST hydrant coupler.

14.7 Storage basket shall be provided for fill hose.

15.0 HYDRAULIC SYSTEM:

15.1 Power shall be provided by shaft and gear driven pumps.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
THREE WHEEL BROOM STREET SWEEPER WITH BELT CONVEYOR & DUAL CONTROLS**

SPECIFICATIONS

Bidder's Response:

15.0 HYDRAULIC SYSTEM: (Continued)

- 15.2 Hydraulic reservoir should be approximately 33 gallons, baffled and with sight gauge.
- 15.3 Hydraulic system should be equipped with test ports that are staggered heights, and include individual ports for sweeping functions, hopper functions and propulsion; minimum.
- 15.4 To prevent contamination of the reservoir during the dump cycle, the reservoir vent shall be equipped with 10 micron, spin on filter; or equal design.
- 15.5 To prevent possibility of contamination and the resulting damage to the hydraulic system, suction lines and return lines for drive shall have 10 micron filter with a cab mounted restriction indicator; or equal design.
- 15.6 To prevent possible contamination and resulting damage of the reservoir when adding hydraulic fluid, all oil added shall pass through a 10 micron filter located within the fill spout, or equal design.
- 15.7 Unit shall be equipped with a hydraulic cooler mounted alongside the water radiator for cooling efficiency and permit thorough cleaning; or equal design.
- 15.8 Cooler should be protected by a 125 PSI bypass valve.
- 15.9 To minimize environmental damage should a hydraulic fitting(s) leak, all pressure hydraulic fittings should be flat-face "O" ring or "O" ring boss type; or equal.
- 15.10 All circuits shall have quick-disconnect check ports; or equal design.
- 15.11 A warning indicator shall be supplied to warn operator if the hydraulic oil in the reservoir falls below the acceptable level required.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
THREE WHEEL BROOM STREET SWEEPER WITH BELT CONVEYOR & DUAL CONTROLS**

SPECIFICATIONS

Bidder's Response:

16.0 ELECTRICAL:

16.1 Unitized alternator/regulator should be not less than 120 ampere.

16.2 Battery should be maintenance free, 12 volt, 180 minimum reserve, 925 CCA.

16.3 For safety, all electrical circuits shall be protected with automatically self-resetting circuit breakers which do not require any action by the operator to reset.

16.4 All lighting shall be DOT approved including combination stop and tail lights, sealed multiple beam headlights, high beam-low beam switch, adjustable side broom spotlights, illuminated gauges and instrument panel, internally illuminated rocker switches, self-canceling directional signals, and hazard switch.

16.5 For ease of electrical "trouble shooting", all wiring shall be harnessed, identified by color coded and word coded wires (i.e. "Ignition", "Headlight", etc.)

16.6 All terminals shall be properly crimped and splices ultrasonically welded; minimum.

16.7 To prevent deterioration from oxidation all electrical splices shall be fully and completely insulated with heat shrinkable tubing; or equal.

16.8 All electrical connections shall be sealed with weatherproof, polarized connectors; or equal.

16.9 Electrical system shall have complete plug-in diagnostics that includes fault codes and troubleshooting; or equal design.

16.10 Unit shall be equipped with two (2) flood lights and a light bar mounted on the top of the cab for extra forward illumination, to view the body, or for extra light when dumping. The lights shall be controlled by an in-cab dash mounted switch.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
THREE WHEEL BROOM STREET SWEEPER WITH BELT CONVEYOR & DUAL CONTROLS**

SPECIFICATIONS

Bidder's Response:

16.0 ELECTRICAL: (Continued)

16.11 Unit shall be equipped with two (2) rear facing lights to allow illuminated rear view during nighttime operation. These rear facing lights should turn on when the sweeper is reversed and can also be manually controllable by a switch on the control panel.

16.12 A right hand and left hand seal beam work light combo shall be provided.

16.13 Sweeper to be equipped with one LED strobe light with guard.

16.14 The rear turn/tail and brake lights shall be grommet mounted, Red, oval LED type; or equal

16.15 Sweeper shall be equipped with a Sweep Speed Limiter to control the maximum MPH of sweeping speed.

17.0 CONTROLS:

17.1 All sweeper controls shall be mounted on a central control console with locking ignition for use from either right or left positions. This allows the operator to view all important information from either operating position.

17.2 The controls shall include all sweep, spray water, and lighting functions; minimum.

17.3 The controls for sweeping, spray water and lighting functions shall be conventional rocker switches; or equal.

17.4 Rocker switches shall be clearly identified by name and international symbol.

17.5 Hydraulic functions shall be controlled by electric rocker switches; or equal.

17.6 Hopper dump functions should be controlled by a single joystick that meets the SAE standard. Multiple levers will not be acceptable.

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
THREE WHEEL BROOM STREET SWEEPER WITH BELT CONVEYOR & DUAL CONTROLS**

SPECIFICATIONS

Bidder's Response:

18.0 INSTRUMENTS:

18.1 Instrument panel shall be full vision illuminated with tachometer, hour meter, speedometer, odometer, fuel gauge, hydrostatic oil temperature gauge, water temperature gauge, oil pressure gauge, voltmeter gauge, hydraulic filter/drive indicator and engine air intake restriction indicator; minimum.

18.2 Unit shall be equipped with an automatic rear view camera with full color, approximately 5.6" LCD monitor.

18.2.1. Camera shall monitor the area behind the sweeper when the sweeper is moving in reverse.

18.2.2. The camera display shall be selectable to allow continuous rear view at all times.

18.2.3. The display shall have an additional camera input to allow future expansion of additional cameras.

18.2.4. The camera shall be equipped with infrared lamps to allow night vision.

19.0 PAINT:

19.1 All visible exterior metallic surfaces shall be coated prior to assembly, with polyester powder coat; or equal.

19.1.1. The paint shall be a minimum of 2 mils thick. The use of acrylic enamel and/or polyurethanes are not acceptable.

19.2 Color shall be white.

END OF BID SPECIFICATIONS

**CITY OF ALEXANDRIA BID SPECIFICATIONS FOR:
THREE WHEEL BROOM STREET SWEEPER WITH BELT CONVEYOR & DUAL CONTROLS**

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:
THREE WHEEL BROOM STREET SWEEPER WITH BELT CONVEYOR & DUAL CONTROLS**

PRICE PAGE

Bid price for a minimum of one (1) Three Wheel Broom Street Sweeper with Belt Conveyor and Dual Operator Controls, new and unused, complete unit ready for use, delivered F.O.B., freight pre-paid, as per these bid specifications:

Total Bid Price Per Each: \$ _____

Sweeper Manufacturer Name: _____

Model Name/Number: _____

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

Bid price held firm for a period of: _____ Months

=====

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 #: (_____) _____

E-Mail Address: _____

Authorized Printed Name and Title: _____

Authorized Signature: _____

Email Address (optional): _____

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