



**REQUEST FOR QUOTATION 4253Q
SUPPLY & DELIVERY OF ONE (1) VACUUM STREET SWEEPER**

Quotations will be received at the Information Counter, Main Floor, Richmond City Hall, addressed to the Purchasing Section, 6911 No. 3 Road, Richmond, BC, V6Y 2C1, until **12:00 Noon local time on Wednesday, April 13, 2011.**

NOTES:

1. Three (3) copies of quotations shall be in a sealed envelope or package marked with the bidder's Name, the RFQ Title and Number.
2. The Closing time will be conclusively deemed to be the time shown on the clock used by the City for this purpose.
3. Faxed quotations will not be received or considered.

All queries related to the RFQ shall be submitted
in writing to the attention of:

Sumita Dosanjh - Buyer II - Contracting Specialist

email: purchasing@richmond.ca

The deadline for all enquiries is 3:00 pm local time, Tuesday, April 5, 2011

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REQUEST FOR QUOTATION 4253Q

SUPPLY & DELIVERY OF ONE (1) VACUUM STREET SWEEPER

Name of Bidder: _____

Address: _____

City: _____

Province: _____

Postal Code _____

Telephone Number: _____

Contact Person: _____

Title: _____

Email Address: _____

Fax Number: _____

PART A – INSTRUCTIONS TO BIDDERS

PART A – INSTRUCTIONS TO BIDDERS

1.0 Description of Requirement

- 1.1 Quotations are invited for supply & delivery of one (1) vacuum street sweeper as set out herein, for the City of Richmond.
- 1.2 Bidders are required to submit a quotation for the full requirement only. Partial responses will be put aside and given no further consideration.

2.0 Contract Term- Intentionally Omitted

3.0 Pricing

- 3.1 Prices quoted will be in Canadian currency and exclusive of all taxes, F.O.B. destination to the sites named herein, with all freight, unloading at destination, import duties, brokerage, royalties, handling, overhead, profit and all other costs included.

4.0 Inquiries and Clarifications

- 4.1 It is the sole responsibility of the Bidder to thoroughly examine these documents and satisfy itself as to the full requirements of this RFQ. Inquiries are to be e-mailed to the contact person shown on the cover page. If required, an addendum will be published on the following websites:
 - a) BC Bid: <http://www.bcbid.gov.bc.ca/open.dll/welcome?language=En>
 - b) City's website: <http://www.richmond.ca/busdev/tenders.htm>
- 4.2 The City, its agents and employer shall not be responsible for any information given by way of oral or verbal communication.

5.0 Inspection of Site- Intentionally Omitted

6.0 Submission of Quotation

- 6.1 The response to this Request for Quotations (RFQ) with all accompanying schedules, appendices or addenda submitted by the Bidder will be received up to the closing time on the date and in the place shown on the title page of this RFQ (the "Closing Time"). The Quotation shall be submitted on the forms provided in a sealed envelope or package, marked with the Bidder's name and the RFQ title and number.

PART A – INSTRUCTIONS TO BIDDERS

- 6.2 Quotations received after the Closing Time or in locations other than the address indicated, will not be accepted and will be returned unopened.
- 6.3 The Bidder shall submit three (3) copies of its Quotation in accordance with the instructions stated herein.
- 6.4 The Bidder must enter its corporate or legal business name on the final page of the Quotation Form. The Quotation Form must be signed in the place provided by an officer or employee having authority to bind the Bidder to the terms and conditions of this RFQ. All other pages of the Quotation Form must be initialled by the authorized signatory in the spaces provided.
- 6.5 Amendments to a Quotation may be submitted if delivered in writing prior to the Closing Time in a sealed envelope or package, marked with the Bidder's name and the RFQ title and number.
- 6.6 Quotations may be withdrawn by written notice only, provided such notice is received at the Purchasing Services office prior to Closing Time.
- 6.7 All costs associated with the preparation and submission of the Quotation, including any costs incurred by the Bidder after the Closing Time, will be borne solely by the Bidder.
- 6.8 By submitting a Quotation, the Bidder acknowledges and agrees that the City will not be responsible for any costs, expenses, losses, damages (including damages for loss of anticipated profit) or liabilities incurred by the Bidder as a result of or arising out of submitting a Quotation for the proposed Contract, or due to the City's acceptance or non-acceptance of their Quotation or any breach by the City of the bid contract between the City and each of the Bidders or arising out of any contract award not made in accordance with the express or implied terms of the Quotation documents.

7.0 Conflict of Interest

- 7.1 By submitting a Quotation, the Bidder warrants that neither it nor any of its officers or directors, or any employee with authority to bind the Bidder, has any financial or personal relationship or affiliation with any elected official or employee of the City or their immediate families which might in any way be seen by the City to create a conflict.

PART A – INSTRUCTIONS TO BIDDERS

8.0 Evaluation of Quotations

- 8.1 Quotations will be evaluated on the basis of the overall best value to City based on quality, service, price and any other criteria set out herein including, but not limited to:
- a) the Bidder's ability to meet the Requirements, qualifications and competencies set out herein;
 - b) financial offer including but not limited to life cycle cost (transaction price, estimated residual value, operating cost including maintenance, repair and fuel costs) warranty, and any other life cycle considerations;
 - c) the Bidder's ability to meet the delivery timelines set out herein;
 - d) the Bidder's business and technical reputation and capabilities; experience and where applicable, the experience of its personnel; financial stability; track record; and references of current and former customers;
 - e) equipment quality, configuration, age and condition; and
 - f) any other criteria set out in the RFQ.
- 8.2 Prior to Contract award, the Bidder may be required to demonstrate financial stability. Should the City so request, the Bidder will be required to provide annual financial reports or a set of financial statements prepared by an accountant and covering the last two (2) fiscal years.
- 8.3 The City may, prior to Contract award, negotiate changes to the scope of the Work, the materials, the Specifications or any conditions with any one or more of the Bidders without having any duty or obligation to advise any other Bidders or to allow them to vary its prices as a result of changes to the scope of Work, the materials, the Specifications, or any conditions, and the City shall have no liability to any other Bidder as a result of such negotiations or modifications.
- 8.4 All sub-contractors of the Bidder will be subject to the same evaluation process. It is the responsibility of the Bidder to guarantee that all its sub-contractors will comply with all the Requirements and terms and conditions set out herein.
- 8.5 Preference may be given to Quotations offering environmentally beneficial products or services.

9.0 Acceptance and Rejection of Quotations

- 9.1 Notwithstanding any other provision in the Quotation documents, the City has in its sole discretion, the unfettered right to:

PART A – INSTRUCTIONS TO BIDDERS

- a) accept any Quotation;
 - b) reject any Quotation;
 - c) reject all Quotations;
 - d) accept a Quotation which is not the lowest Quotation;
 - e) accept a Quotation that deviates from the Requirements, Specifications or the conditions specified in this Quotation;
 - f) reject a Quotation even if it is the only Quotation received by the City;
 - g) accept all or any part of a Quotation; and
 - h) split the Requirements between one or more Bidders.
- 9.2 All Quotations shall be irrevocable and remain open for a minimum of sixty (60) days after the Closing Time, whether or not another Quotation has been accepted.
- 9.3 The City may waive any non-compliance with the RFQ, the Requirements, the Specifications, or any conditions, including the timing of delivery of anything required by this RFQ and may elect to retain for consideration Quotations which are non-conforming, which do not contain the content or form required by the RFQ or which have not complied with the process for submission set out herein.

10.0 Award of Contract

- 10.1 Award of a Contract is contingent on funds being approved and the contract award being made by the appropriate City authority.
- 10.2 The purchase order, the Quotation, the RFQ and such other documents including all amendments or addenda, shall form the basis for the Contract between the Contractor and the City. In the event of a conflict between any of the Contract Documents, the following documents will take precedence and govern over each other in the following order of priority from highest to lowest:
- a) The City's purchase order including the standard purchase order terms and conditions;
 - b) Or any mutually agreed to amendments between the Bidder and the City;
 - c) The Quotation; and
 - d) The RFQ and any subsequent addenda.
- 10.3 Where the head office of the successful Bidder is located within the City of Richmond and/or where the successful Bidder is required to perform the Service at a site located within the City of Richmond, the successful Bidder is required to have a valid City of Richmond business license prior to Contract execution.

PART A – INSTRUCTIONS TO BIDDERS

10.4 The City is not under any obligation to award a Contract and may elect to terminate this RFQ at anytime.

11.0 Publication of the Results of the Request for Quotation

11.1 The City will publish the name of the successful Bidder on the websites listed in Section 4.1. No other notices will be issued by the City. Bidders shall visit these websites to obtain the results of this Request for Quotation.

12.0 Quantities

12.1 The quantities stated herein are the City's best estimates of its requirements and should not be relied on. Actual quantities may vary.

13.0 Brand Names – Intentionally Omitted

14.0 Alternates and/or Variations to Specifications

14.1 Except where stated otherwise herein, the Specifications describe what is considered necessary to meet the performance requirements of the City and Bidders should bid in accordance with such Specifications, or if the Bidder cannot meet the Specifications, the Bidder may offer an alternative which it believes to be the equivalent.

14.2 If in addition to bidding on goods, materials, equipment and/or services that meet the Specifications, the Bidder wishes to offer an alternative, the alternative Quotation shall be submitted separately in the same format as the initial Quotation.

14.3 The City is not obligated to accept any alternatives.

14.4 The City will determine what constitutes allowable alternatives and/or variations.

15.0 Freedom of Information and Protection of Privacy Act (BC)

15.1 Bidders should note that the City of Richmond is subject to the Freedom of Information and Protection of Privacy Act (British Columbia), which imposes significant obligations on the City's contractors to protect all personal information acquired from the City in the course of providing any service to the City.

16.0 Confidentiality

16.1 Information about the City obtained by Bidders must not be disclosed unless prior written authorization is obtained from the City.

PART A – INSTRUCTIONS TO BIDDERS

16.2 The Contractor agrees that this obligation of confidentiality will survive the termination of the Contract between the Contractor and the City.

17.0 Insurance

17.1 The contractor will be required to Indemnify and Insure the City as shown in the General Conditions of the Contract.

17.2 Bidders shall have the Undertaking of Liability Insurance Form Letter L1-1 within the document completed and submitted with their Quotation.

17.3 All requested policies and certificates shall be submitted to the Purchasing Section before a contract is issued to carry out the work.

18.0 Bid Bond- Intentionally Omitted

PART B – GENERAL CONDITIONS

PART B – GENERAL CONDITIONS

1.0 Definitions

The following words and terms, unless the context otherwise requires, shall have the meanings set out below. Words including the singular number include the plural and vice versa.

“Act of God” means a cataclysmic phenomenon of nature, including earthquake, flood or cyclone. Rain, snow, wind, high water or any other natural phenomenon, which might reasonably have been anticipated from historical records of the general locality of the City, shall be deemed not to be acts of God;

“Bidder” means the individual, partnership, corporation or combination thereof, including joint ventures, who or which sign the Quotation form set out in Part D of this RFQ;

“City” means the municipal corporation, generally known as the City of Richmond.

“City’s Designated Representatives” means the City’s employees or representatives who are authorized in writing to deal with the Contractor on behalf of the City in connection with the goods, materials, equipment and services or to make decisions in connection with the Contract;

“Closing Time” means the closing date, time, and place as set out on the title page of this RFQ;

“Contract” means the agreement formed between the City and the Contractor as evidenced by the purchase order issued to the Contractor by the City;

“Contract Documents” means the purchase order, the Contractor’s Quotation, the RFQ and such other documents as listed in the purchase order, including all amendments or addenda agreed between the parties;

“Contractor” means the successful Bidder individual, partnership, corporation or combination thereof, including joint ventures, who or which is awarded the Contract;

“Delivery Date” means the date the City requires the Contractor to deliver the goods to the City’s Delivery Site;

“F.O.B.” means all costs of freight, insurance, brokerage, customs duties and all other costs of delivery to the site named as F.O.B. will be borne by the Contractor and that ownership and title to all goods, materials, and equipment are transferred to the City when same are delivered by the Contractor to the City and the risk of loss or damage to the goods, materials and equipment transfers to the City only at such time as same are received and accepted by the City at the site named as “F.O.B.”;

PART B – GENERAL CONDITIONS

“HST” means the harmonized sales tax administered under the Excise Tax Act (Canada) and any successor tax or levy therefore in force from time-to-time;

“OHS Regulation” means the *Workers Compensation Act* (British Columbia), including without limitation, the Occupational Health & Safety Regulation (BC Regulation 296/97, as amended by BC Regulation 185/99) enacted pursuant to such Act, all as such Act or Regulations are amended or re-enacted from time to time.

“Quotation” means the Bidder’s response made on the Quotation form set out on Part E of this RFQ with all appendices or addenda submitted by the Bidder in response to the RFQ;

“RFQ” means this Invitation to Quotation including, but not limited to: Part A - Instructions to Bidders; Part B - General Conditions; Part C- Requirements; Part D – Quotation Form;

“Requirements” means all of the Specifications, requirements and services set out in the RFQ that describes the general requirements that the goods, materials, equipment and services must meet and the Contractor must provide;

“Goods” means all the labour, materials, equipment, supplies, services and other items necessary for the execution, completion and fulfilment of the Requirements;

2.0 Sub-contractors

- 2.1 All sub-contractors are the responsibility of the Contractor.
- 2.2 The Contractor shall be held as fully responsible to the City for the acts and omissions of its sub-contractors and of persons directly or indirectly employed by the Contractor, as for the acts and omissions of persons directly employed by it.
- 2.3 The Contractor agrees to ensure performance by every sub-contractor with the terms and requirements of the Contract Documents.
- 2.4 No sub-contractors will be permitted except those expressly named by the Contractor in Part D – Quotation form or subsequently permitted in writing by the City pursuant to Section 4.1 of these General Conditions.
- 2.5 The Contractor will list below all subcontractors it intends to use in its performance of the Work, and what parts of the Work each subcontractor will be undertaking (the “Subcontractors”).
- 2.6 The Contractor, if awarded the Contract, will engage the listed Subcontractors only, and no others in their stead, without prior written authorization of the City.

PART B – GENERAL CONDITIONS

- 2.7 The Contractor, if awarded the Contract, will ensure that every Subcontractor is bounded by a legal agreement with the same terms and conditions of the Contract.

3.0 Independent Contractor

- 3.1 The Contractor, its Sub-contractors, the officers, directors, shareholders, partners, personnel, affiliates and agents of the Contractor and its sub-contractors are not, nor are they to be deemed to be, partners, appointees, employees or agents of the City.

4.0 Assignment

- 4.1 Subject to Sections 2.4 and 4.2, the Contractor will not assign, sublet, subcontract, or let out as task work any part of the Work or any of the Contractor's obligations of the Contract Documents to any third party, and will not assign or otherwise transfer any of the rights of payment under the Contract Documents to any third party, without in each case the prior written consent of the City which consent the City may arbitrarily withhold.
- 4.2 Despite Section 4.1, the Contractor may utilize those sub-contractors expressly named in the "List of Subcontractors" of Part D– Quotation Form but only for the Area of Responsibility set out beside their name, provided always that the Contractor may not substitute or replace those sub-contractors, or permit those sub-contractors to further assign, sub-let, sub-contract, or let out as task work their obligations under the Contract documents, except in accordance with Section 4.1 above.
- 4.3 If the City should consent to any such assignment, subletting or letting out as task work of all or any part of the Work, the Contractor shall in no way be relieved from its responsibility for the fulfilment of the Work, but shall continue to be responsible for the same in the same manner as if all the Work had been performed by the Contractor.

5.0 Time of the Essence

- 5.1 For all requests made by the City pursuant to the Contract, time is of the essence. The acceptance of a late performance, with or without objections or reservations by the City, shall not waive the right to claim damages for such breach nor constitute a waiver of the requirement of timely performance of any obligation remaining to be performed.

6.0 Laws, Permits and Regulations

- 6.1 The laws of British Columbia shall govern the Contract.

PART B – GENERAL CONDITIONS

- 6.2 In carrying out its obligations hereunder, the Contractor shall familiarize itself and comply with all applicable laws, bylaws, regulations, ordinances, codes, specifications and requirements of all regulatory authorities, and shall obtain all necessary licenses, permits and registrations as may be required by law.

7.0 Inspection

- 7.1 The Goods are subject to inspection and in case is not in conformity with the Requirements of the Contract or the Contractors' warranty (expressed or implied), the City shall have the right either to reject them or to require correction.
- 7.2 The City shall be the final judge of the Goods in respect of both quality and quantity and its decisions of all questions in dispute with regard thereto will be final.
- 7.3 The City will not be deemed to have accepted the Goods by virtue of a partial or full payment for it or prior inspection at the Contractor's facility.

8.0 Responsibility For Work

- 8.1 The Contractor shall be responsible for the Goods covered by this contract until it is delivered to the designated delivery point, regardless of the point of inspection.
- 8.2 Upon delivery of the Goods, the title shall pass from Contractor to the City. Passing of title shall not constitute acceptance of the Goods by the City.
- 8.3 Upon delivery of the Goods, the Contractor's responsibility for loss or damage shall cease, except for loss or damage resulting from Contractor's negligence.

9.0 Quality of Workmanship and Materials

- 9.1 The Contractor shall perform services associated with the Goods with the degree of care, skill and diligence normally applied in the performance of work of a similar nature and in accordance with sound current professional practices and conforming to the requirements set out in the RFQ.
- 9.2 The Contractor shall ensure that materials, goods and equipment shall be the products of suppliers or manufacturers of established reputation engaged in the supply or manufacture of such materials of equipment.
- 9.3 The Contractor shall ensure that materials are to be applied in accordance with the manufacturer's directions and shall use the techniques and applications best suited for the type of material being used.

PART B – GENERAL CONDITIONS

10.0 Warranty

- 10.1 The Contractor warrants that the Goods supplied by the Contractor to the City will be in full conformity with the Specifications as well as samples, if any, then this is a sale by sample as well as by description within the meaning of the Sale of Goods Act (BC).
- 10.2 The Contractor further warrants that the Goods is of merchantable quality, and fit for the intended use and will perform according to the requirements set out in the RFQ.
- 10.3 Equipment and materials shall be new, free and clear of all liens, charges and encumbrances, the latest model, and shall be complete with all necessary accessories for operation.
- 10.4 At a minimum, a one (1) year parts and labour warranty shall be provided on all goods, materials, equipment and/or services provided under the Contract.
- 10.5 The Contractor warrants that its employees have the qualifications, experience, knowledge, skills and abilities necessary for the fulfilment of the Contract.

11.0 Indemnification and Insurance

- 11.1 The Contractor shall indemnify, hold and save harmless the City from and against all claims, losses, damages, costs, actions and other proceedings made, sustained, brought or prosecuted in a manner based upon, occasioned by or attributable to any injury, including death, property damage, infringement or damage arising from any act or omission of the Contractor, its employees, officers, volunteers, servants, sub-contractors, or agents or persons from whom the Contractor has assumed responsibility in the performance or purported performance of the Requirements.
- 11.2 The Contractor shall indemnify the City from and against any and all liability or expenses by way of legal costs or otherwise in respect of any claim which may be made for a lien or charge at law or in equity or to any claim or liability under the Builders Lien Act, or to any attachment for debt, garnishee process or otherwise.
- 11.3 The Contractor shall assume the defence of, and indemnify and hold harmless the City and its officers, employees and agents, from and against all claims relating to materials, goods or equipment furnished and to inventions, copyrights, trade marks, or patents and rights thereto used by the Contractor in the execution of the Contract and in subsequent use and/or operation by the City.

PART B – GENERAL CONDITIONS

- 11.4 The Contractor will indemnify, hold, and save harmless the City from and against all claims, losses, damages, costs, actions, and other proceedings, made, sustained, brought or prosecuted in manner, based upon, occasioned by, attributable to any injury, including death, property damage, infringement, or damage arising from any act or omission of the Contractor, his employees, officers, volunteers, servants, or agents or persons from whom the Contractor has assumed responsibility in the performance or purported performance of this agreement
- 11.5 The Contractor shall, at his own expense, through the terms of the contract secure, maintain, and pay for the following coverage:
- a) Comprehensive General Liability Insurance with a limit of not less than \$5,000,000 inclusive per occurrence for bodily injury and property damage and \$5,000,000 for personal injury. The policy or policies shall cover all premises and operations necessary or incidental to the performance of this agreement and include but not necessarily be limited to the following coverage:
 - 1. Contractual liability assumed under this agreement.
 - 2. Contingent employer's liability with respect to operations of sub-contractors.
 - 3. Owner's protective liability.
 - 4. Cross liability.
 - 5. Automobile liability (non-owned, hired).
 - 6. Completed operations liability 24 months after completed operations.
 - 7. Voluntary medical payments.
 - b) "Course of Construction" Property Damage Insurance - Intentionally Omitted
- 11.6 Intentionally Omitted
- 11.7 The policy or policies shall be underwritten by an insurance company or companies licensed to do business in the Province of British Columbia and who meet with the reasonable approval of the City. Prior to the commencement of the work defined by this agreement, the Contractor shall furnish the City through the Office of the Manager Purchasing a certified original copy of all such policies as evidence that such insurance is in force. The Contractor agrees that such insurance policies cannot be cancelled, lapsed, or materially changed without at least thirty (30) days' written notice to the City.

PART B – GENERAL CONDITIONS

- 11.8 Maintenance of such insurance and the performance of the Contractor of his obligations under this clause shall not relieve the Contractor of liability under the indemnification provisions here and above set forth. The foregoing insurance provisions shall not limit the insurance required by Municipal, Provincial, or Federal law
- 11.9 It shall be the full responsibility of the Contractor to determine whether any additional insurance coverage is necessary and advisable for its own protection and/or to fulfil its obligations under this Contract. Any such additional insurance shall be provided and maintained by the Contractor its own expense.
- 11.10 It is understood that this agreement is strictly between the Contractor and the City and the Contractor is an independent contractor for the City and no employment relationship, partnership, agency, or joint venture exists between the City, the employees of the Contractor and/or its agents and/or their employees, and/or its Contractors and/or their employees. Any disputes between the Contractor and any of its employees and/or its agents and/or their employees and/or their Contractors and/or their employees shall be resolved by the Contractor with no involvement by the City.

12.0 Termination

- 12.1 The City will advise the Contractor by written notice of its intent to terminate the whole or any part of the Contract in any one of the following circumstances:
- a) if the Contractor fails to make delivery of the Goods within the time specified, or fails to perform any other provisions, terms or conditions of the Contract within the time specified, or within a reasonable time if no time is specified;
 - b) in the event that the Contractor performs any act or does anything by which the City shall incur any liability whatsoever;
 - c) any failure of the Contractor to meet the safety requirements of the Contract;
 - d) in the event that any creditor of the Contractor causes a writ of execution or similar writ or court order to be served upon the City requiring the City to pay any portion due to the Contractor under the Contracts; or
 - e) in the event that the Contractor is adjudged bankrupt or if it makes a general assignment for the benefit of creditors or if it becomes insolvent or if it should take the benefit of any Act that may be in force for bankrupt or insolvent debtors.

PART B – GENERAL CONDITIONS

- 12.2 Upon termination of the Contract, the City shall have no obligation to the Contractor except for such services and/or goods as have been supplied up to the date of the termination of the Contract(s).
- 12.3 Upon termination of the Contract(s) in whole or in part, the City may procure similar goods, materials, equipment and/or services and the Contractor shall be liable to the City for any excess costs for such similar goods, materials, equipment and/or services. The Contractor shall not be liable for any excess costs if failure to perform arises by reason of strikes, lockouts, Acts of God or acts of the City. The City will not be liable where Delivery Sites are not available due to strikes, lockouts or Acts of God.

13.0 Payments

- 13.1 The Contractor shall be paid net thirty (30) days from receipt of invoice and acceptance of the goods, materials, equipment and/or services, whichever is the later.

14.0 Taxes

- 14.1 Unless otherwise provided herein, the Contractor shall pay all sales or excise taxes in force during the term of the Contract, provided that any increase or decrease in such taxes shall increase or decrease the amount due under the Contract(s).

- 14.2 Invoices shall show the appropriate amounts for HST.

15.0 Non-resident Withholding Tax

- 15.1 Regulation 105(1) of the Canadian Income Tax Act requires that payments to non-residents for any work performed in Canada are subject to a Non-resident Withholding Tax of fifteen (15%) percent. Exemption from this withholding tax is available in some circumstances, but the Contractor must apply directly to the Canada Revenue Agency (CRA) at least thirty (30) days before commencing the Work.

PART B – GENERAL CONDITIONS

16.0 Performance Bond – Intentionally Omitted

17.0 Protection of Person and Property- Intentionally Omitted

18.0 Clean Up- Intentionally Omitted

19.0 Character of Workers- Intentionally Omitted

20.0 Conduct of the Contract

20.1 The City of Richmond’s Manager, Purchasing shall have the conduct of the RFQ and the Contract.

21.0 Rectification of Damage and Defects

21.1 The Contractor shall rectify any loss or damage for which, in the opinion of the City the Contractor is responsible, at no charge to the City and to the satisfaction of the City. Alternatively, the City may repair the loss or damage and the Contractor shall pay to the City the costs of repairing the loss or damage forthwith upon demand from the City. Where, in the opinion of the City, it is not practical or desirable to repair the loss or damage, the City may estimate the cost of the loss or damage and deduct such estimated amount from the amount owing to the Contractor hereunder.

22.0 Failure to Perform

22.1 Should the Contractor neglect to execute the Requirement properly or fail to perform any provision of the Contract, the City may, without prejudice to any other right or remedy it may have, make good such deficiencies and may deduct the cost thereof from the payment due to the Contractor.

22.2 If the Contractor fails to perform any provision of the Contract due to reasons of strike, lockout or other work stoppages, the City may upon ten (10) days written notice to the Contractor terminate the Contract without prejudice to any other right or remedy the City may have.

23.0 Dispute Resolution

23.1 All claims, disputes or issues in dispute between the City and the Contractor shall be decided by mediation or arbitration, if the parties agree, or failing agreement, in a Court of competent jurisdiction with the Province of British Columbia and be governed by the laws of British Columbia.

23.2 In the event that the parties agree to arbitration pursuant to the above, the arbitration shall be governed by the rules of the British Columbia International

PART B – GENERAL CONDITIONS

Commercial Arbitration Centre, except that the arbitrator or arbitrators shall be agreed upon by the parties, and failing agreement by the parties, shall be appointed by a court of competent jurisdiction with the Province of British Columbia.

23.3 In the event that the parties agree to arbitration, the arbitration shall take place in the Lower Mainland, British Columbia and be governed by the laws of British Columbia.

23.4 The procedure set out in this section is not meant to preclude or discourage informal resolution of disagreements between the City and the Contractor.

24.0 Delivery

24.1 Deliveries shall be made to 5599 Lynas Lane Fleet Garage in the City of Richmond between the hours of 7:30 AM and 4:00 PM on any normal working day.

25.0 Changes in Requirements

25.1 The City, without invalidating the Contract, may make changes to the Contract by altering, adding or deducting from the Requirements. Subject to mutual agreement, the Contractor shall proceed with the amended Requirements and the amended Requirements shall be executed under the provisions of the Contract.

25.2 The Contractor must not make any changes to from the terms of the Contract unless it shall first have received the written consent of the City and no claims for additional compensation shall be valid unless the change is so ordered.

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>A. GENERAL SPECIFICATIONS</u></p> <p>A heavy duty 4-Wheel type Street Vacuum Sweeper, Primary application for this unit by the City of Richmond shall be for both left hand and right sweeping and cleaning of streets. Units should be capable of highway speeds.</p> <p>The street sweeping and cleaning apparatus shall be mounted on an appropriate size and capacity single axle rear drive truck chassis which shall maximize legal payloads while maintaining the shortest wheelbase for ease of operation on busy streets.</p> <p>The machine shall be capable of one man operation with all system controls located in the vehicle cab. Machine design must incorporate features providing for ease of maintenance, maximum operator comfort and public safety.</p> <p>The Bidder shall respond to every section indicating either the item is included, as specified, or alternative suggested. Details concerning the alternative suggestions must include operational and technical detail explanation before it will be considered.</p> <p>Final selection for purchase shall be determined through operational and mechanical evaluations from demonstration trials. Evaluations criteria amongst others shall include suitability to City applications, operators comfort and operational ease, public safety and the unit pricing including options chosen.</p> <p>1.Cab and Chassis A single axle cab-over engine design is preferred for application. Cab tilt mechanism must be either hydraulic action or spring assist. STATE -make and model</p> <p>2.Cab to Axle Approximately 132" cab to axle. STATE</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>A. GENERAL SPECIFICATIONS (Cont'd)</u></p> <p>3. Wheelbase In order to maximize manoeuvrability and tight turn radius, the wheelbase should not exceed 164". STATE</p> <p>4. Vehicle Dimensions List the following vehicle dimensions which shall include chassis and sweeper apparatus complete, fully mounted and operational. Final details concerning chassis specifications shall be determined jointly by the Sweeper apparatus manufacturer and the City of Richmond. STATE -overall length -overall height -overall width -dumping clearance height -turning radius</p>	
<p>5. Gross Vehicle Weight Rating Requirement is for maximum payload on a single axle rear drive unit. STATE -front axle loaded -rear axle loaded -maximum GVWR</p> <p>6. Curb Weight STATE -front axle -rear axle</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p>B. CAB</p> <p>1. Paint Cab and sweeper apparatus including tanks to be painted with acrylic enamel white deluxe DU50841 or equal. Frame shall be painted black. Wheels shall be silver or white. STATE -paint type and white colour description.</p> <p>2. Windshield Cab glass and windshield shall be tinted. Cab shall be fitted with both left and right front sun visors. Arm rest shall be affixed to either side of door STATE -how cab arranged.</p> <p>3. Seating Front individual high back bucket type seats. Driver and passenger seats shall be a heavy duty air suspension type seat complete with a minimum six (6) way electric adjustment-forward/rear, up/down and adjustable lumbar support. Seat shall be constructed of good quality material complete with a wide base. Seat cover material to be heavy duty vinyl type fabric. Seats must include flip up armrests and fitted with both driver and passenger seat belts in compliance with the B.C. Motor Vehicle Act and Work Safe BC Regulations. STATE -type of fabric and colour -seat belts -make and model -incorporate all adjustments, including lumbar support -options</p> <p>4. Instrumentation (Dual – Left & Right Side) Gauges and warning indicators required for oil pressure, coolant temperature and low fuel indicator. Also required is speedometer tachometer, Air Pressure system gauges complete with low air audible warning device (both primary and secondary), brake application gauge, voltameter, hour meter, and ammeter and transmission gauges. STATE -type of indicator (warning buzzer or lights) -types of gauges -additional recommendations for sweeper apparatus gauges.</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p>B. CAB (Cont'd)</p> <p>5. Radio To be AM/FM/ blue tooth compatible STATE -type.</p> <p>6. Mirrors Shall be dual metal (rustproof) heated and remote controlled mirrors (7" x 16" with a minimum 12" dual convex mirror. Electric mirror adjustments can be made from left and right seats. STATE -type.</p> <p>7. Intermittent Wipers Intermittent automatic application type complete with windshield washer system and reservoir. (Butterfly Version Wipers) STATE</p> <p>8. Engine Hand Control STATE Vernier type hand control or state if engine is electronically governed and controlled. STATE -type -if electronic type of control</p> <p>9. Cab Mount Preference is for an easy access cab-over. STATE -if cab isolating mounting included -type</p> <p>10. Horns Truck to be fitted with dual electric and air type horns. STATE -what included.</p> <p>11. Grab Handles -cab to have both right and left hand grab handles for safe cab access and steps</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p>B. CAB (Cont'd)</p> <p>12. Exhaust Single vertical exhaust pipe complete with curved top as "rain trap" and including heat shield rust-proofed. STATE -type of exhaust and routing.</p> <p>13. Air Intake STATE -type and location of mounting.</p> <p>14. Steering Steering should be full power with dual operator controls Each steering column shall be fully independent and shall include separate steering gear boxes, separate drag links and separate pitman arms. STATE -what offered.</p> <p>15. Heater/Defroster A heater/ventilation system complete with multi position blower fan. Variably adjustable heating vents for operator comfort and window "defrosting". The defrosting system must be capable of dealing with local conditions – cool temperatures with high humidity. STATE -type of blower control -system air movement and capacity in CFM -heater/defroster fan type and speed control -options</p> <p>16. Cab Air Conditioning Units are to be equipped with factory air conditioning, complete with multi positional control and variable adjustable vents. STATE -type and style -capacity -options</p> <p>17. Operator Visibility Maximum visibility, forward line of sight from the chassis front bumper to the point on the ground visible to the operator shall not exceed 8 feet for an SAE 98th percentile size operator.</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p>B. CAB (Cont'd)</p> <p>18. Windows/Doors/Entry Units are to be equipped with electric power windows, automatic door locks and automatic keyless entry.</p> <p>19. Keys Four (4) Sets of keys and if applicable remotes to be provided upon delivery unit.</p> <p>C. CHASSIS ENGINE</p> <p>1. Diesel Engine STATE -make, model and displacement -if EPA certified for 2000 requirements -preference is for a Cummins or Caterpillar electronically governed engine.</p> <p>2. Engine Power To be minimum 205 Horsepower rating. STATE -maximum HP at RPM.</p> <p>3. Engine Torque STATE -peak torque at RPM.</p> <p>4. Fuel System STATE -type of fuel pump and injectors -electronic or mechanical governors -fuel consumption rating Advise if engine can be modified to include the dual fuel capability (i.e., CNG and Diesel).</p> <p>5. Cooling System Shall include a heavy duty cooling system complete with filter, silicone hoses and anti-freeze to -30°.</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p>C. CHASSIS ENGINE (Cont'd)</p> <p>6. Fuel Tanks Fuel tank to have a minimum of 170 litre fuel capacity. A fuel/water separator Racor model 245 self-prime, heated and water sensor system. NO ALTERNATIVE. STATE -capacity -separator</p> <p>D. DRIVE TRAIN</p> <p>1. Transmission Heavy duty automatic type. Automatic, preference is for Allison Series 2000 transmission.</p> <p>2. Drive Line STATE -make and model -dimension specification -type of u-joint.</p>	
<p>3. Differential A heavy duty differential fully matched to the Allison transmission. Unit shall include traction control feature. Working application travel is primarily in very low travel speeds, therefore differential must be matched (through Detroit Diesel Allison programs to ensure fully matched ratio.) STATE -make and model -gear set ratio.</p>	

PART C – REQUIREMENTS

E. BRAKES

1. Air Brakes

Full air brake system incorporating heavy duty long service life components. Application is frequent "stop and go" type condition.

STATE

-type of brake components.

2. Parking Brake

Spring brake "Anchorlok" or equal, 30 inch chamber diameter size.

STATE

-type and specification.

3. Compressor

Minimum 15 CFM capacity system with air to be drawn from the clean side of engine air intake system.

STATE

-type and capacity.

4. Drain Valves

Manual air tank drain cocks for all tanks with the manual drains located as necessary for driver accessibility.

5. Brake Shoes

Due to frequent stops heavy duty type are required.

STATE

-type and make

-size of shoes.

6. Automatic Slack Adjusters

Automatic Slack Adjusters are required.

STATE

-make and model.

7. Air Dryer

A large capacity air dryer required - minimum a Bendix AD-9 with heater.

STATE

-make and model

-size.

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>F. ELECTRICAL (CHASSIS)</u></p> <p>1. Alternator Minimum 100 AMP alternator, Leece-Neville VR series (Dem#8LHA2070U/Service WO-110-555) with 70% of rated output at low engine RPM or equal. STATE -type -output at RPM</p> <p>2. Battery Two maintenance-free batteries, minimum of 600 CCA rating each. STATE -type -rating.</p> <p>3. Electrical Wiring Automotive reset type circuit breakers come with full wiring schematic (provided at time of truck delivery). Additional circuits for body builder as required, three amber flashers being Grote #76805 located at front and two at rear of vehicle. Directional arrow board at rear of vehicle. Unit must include a hand held remote spotlight (mounted inside cab). One additional free circuit for radio phone installation. Appropriate spotlights included for night operations on both left and right side nozzle pickup and broom areas. STATE</p> <p>4. Back Up Alarm To be equipped with automatically activated back up alarm having a minimum of 105 dbh rating. STATE -type and rating.</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>F. ELECTRICAL (CHASSIS)</u> (Cont'd)</p> <p>5. Work lights To be equipped with high illuminated LED work lights, One per gutter broom, Two on the back one on each side. STATE - options/alternatives</p> <p><u>G. AXLES</u></p> <p>1. Capacity Front axles shall not be less than 12,000 lb. rating. Rear axles shall not be less than 21,000 lb. rating. STATE - Type and rating</p> <p>2. Front Hub Oil wheel seals complete with see-through cover. STATE</p> <p>3. Rear Axles Should include driver-controlled traction differentials.</p> <p>4. Steering Dual control power assisted steering system. Steering system must be in compliance with W.C.B. regulations and also the B.C. Motor Vehicle Act. STATE -type of dual-steering system employed -is steering possible when power assist fails.</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>H. FRAME AND SUSPENSION</u></p> <p>1. Frame A heavy duty channel type with reinforcing and top of rails clear. STATE</p> <p>2. Section Modulus Sweeper body builder to provide specifications required. STATE -specification -yield strength.</p> <p>3. Suspension The chassis suspension is not to be less than axle ratings. STATE -front type of suspension and capacity -rear type of suspension and capacity.</p> <p>4. Shock Absorbers Heavy duty type required. STATE -type and specifications.</p> <p>5. Tires Premium quality tires required front and rear. Front Tires: 11R 22.5 with load range G (14 ply). Rear Tires: Same as above. STATE -tire size and specifications -manufacturer -wheel type.</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>I. BODY</u></p> <p>1. Type Self-contained evacuated hopper combination vacuum/broom type sweeper having air system capability of 20,000 CFM/65" negative water pressure, complete with water system. Unit must be equipped for and be capable of both right hand and left hand sweeping operation. Body and related parts to be WHITE DU508941 paint or equal quality STATE - Make and model offered.</p> <p>2. Hopper Not to be less than 8.0 cubic yards of USEABLE capacity with some means of assessing load level. The hopper must be constructed of 10-gauge steel sides, door and floor. The dumping controls shall be located on the right forward side of body arrangement. STATE -hopper volume -stainless option -useable hopper capacity -type of load level indicator used -the grade and gauge of steel utilized in floor -in walls: -thickness of material used above. -state if replaceable deflectors plates or wear pads are used for intake airflow and type of material.</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>J. AIR SYSTEM</u></p> <p>1. Blower The air blower system shall have sufficient capability for producing 20,000 CFM and developing at the nozzle 65" of negative water pressure. Explain how the blower fan shall be driven by the auxiliary diesel engine. There shall be an inspection door provided in the blower housing. Hopper shall include an integral fan outlet attenuator to minimize system noise levels. The attenuator is to be located in the roof of the hopper and connect to the attenuator located in the hopper rear door. Hopper shall include rear door fan exhaust to minimize system noise levels. A weight actuated full load indicator shall be mounted in the cab mounted center control panel.</p> <p>STATE</p> <ul style="list-style-type: none"> -type of fan drive system employed -state how air is exhausted -how adjustments are made -air capacity in CFM at <u>operating</u> RPM -vacuum rating in inches of water at nozzle or theoretical valve -impeller operating RPM 	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p>2. Suction Nozzle(s) Both pick up nozzle(s) shall be constructed of abrasion resistant materials and shall be designed to accommodate larger objects (cans, etc.) and typical light debris. Nozzles should not be less than 174 sq. inches and a minimum width of 30 inches. The nozzle(s) shall be supported by rubber and/or pneumatic wheels. The nozzle(s) shall have a door to accept large objects. The nozzle(s) controls for all functions shall be from the cab only. Replaceable wear components used in nozzle(s) and suction tube BOTH left and right nozzle(s) are required. The operation of airflow for either left or right nozzle control shall be from within the cab.</p> <p>STATE</p> <ul style="list-style-type: none"> -type of wheels, axles and bearings -hose nozzles accept large objects -type of lift/lower system -must have both left and right nozzles operation control from within cab to switch from either side operation - describe system -width and area of pickup of nozzle at the ground -diameter and length of suction tube -is suction tube straight or angled. -list and describe all replaceable wear elements utilized in the nozzle and suction tube apparatus. -type of nozzle tilt apparatus and how control achieved as and when feature required by operator. <p>STATE</p> <ul style="list-style-type: none"> - how gate valves close during transportation 	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>K. MAIN WIDESWEEP BROOM</u></p> <p>1. Widesweep Broom The main widesweep broom must be hydraulically operated (controls in cab), floating action for road contour and automatic balance at pavement pressure. The broom must include a shroud for dust control, be a minimal 54" in length and be constructed of hard wearing components (i.e., polypropylene). The broom shall have variable power control and down pressure for maximum digging power and wear control. STATE -how operated in cab -length, diameter size and material -how broom fibres are changed.</p> <p>2. Suspension of Broom STATE -method of broom suspension -how method of downward pressure is varied -is control of downward pressure from within cab.</p> <p>3. Mainsweep Broom Control The broom shall have the ability through in-cab controls to slew from either left side or right side. STATE -method of control -method of broom drive and operational RPM.</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>L. GUTTER BROOMS</u></p> <p>1. Gutter Broom General The unit shall have two gutter brooms, one on each side fitted with re-usable segments comprised of metal fibre. Broom controls must be within cab. Right and left side brooms must tilt through in cab controls, each shall be a free floating trailing arm design with inward motion safety to prevent damage when sweeping. The trailing arm design shall be a parallelogram for constant bristle contact and wear pattern. Each side broom shall be 36-inch diameter minimum, with hydraulically driven rotation. The side broom assemblies shall be pneumatically raised, lowered and suspended. Adjustable down pressure shall be pneumatically controlled by the operator from the cab. The side brooms shall have at least 12 in. ground clearance when in transport mode. The side broom assemblies shall have greaseless pivot pins. Broom rotation shall stop and all sweeping functions shall raise automatically, when transmission is placed into reverse or when the sweeper is put in transport mode.</p> <p>1. Gutter Broom General (Cont'd) STATE -quality of brooms -type of fibre -number of segments per broom -length of broom fibres -ground clearance -size of brooms -if brooms raise automatically when in reverse</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p>L. GUTTER BROOMS (con't)</p> <p>2. Hydraulic Drive System The brooms shall be hydraulically operated within cab controls. Hydraulic system should have compensating feature to allow broom to follow road contour and the downward pressure should be made adjustable from within cab. The broom hydraulic motor drive shall provide not less than 4500 in/lbs. Of torque for superior digging power. STATE -method of lift -how contact pressure obtained and control -whether angular adjustment provided and controlled -broom speed range and how varied -if reversible -torque for hydraulic motor</p> <p>3. Impact Protection The brooms must have 6-way impact protection when curbs and other obstacles are encountered. STATE -method of impact protection.</p> <p>4. Automatic Broom Retraction The brooms should have an automatic retraction system operated by the chassis transmission. If transmission is shifted to reverse, the brooms automatically shall retract and when returned to forward drive, the brooms shall automatically resume the sweeping mode. STATE -type of automatic retraction -method of operation.</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>M. SWEEPING PATH</u></p> <p>1. Width The unit shall have an approximately 100" sweeping path with the suction head, gutter broom and main broom in operation. STATE -overall sweep path as described -nozzle opening coverage -and combined nozzle and gutter broom sweep coverage.</p> <p>2. Travel Speed STATE -maximum sweeping speed in km/h -recommend speed for efficient and effective sweeping in km/h -maximum travel speed in km/h</p> <p><u>N. WATER SPRAY SYSTEM</u></p> <p>1. Type The unit shall have a water spray system which will reduce dust while sweeping and provide wash down capability. The system shall be controlled and operated from the cab and will utilize corrosion resistant materials. STATE -number of spray nozzles per gutter broom -number of spray nozzles on main broom -number of spray nozzles per suction nozzle -what system components are not corrosion resistant:</p> <p>2. Reservoir Capacity The reservoir shall have not less than 355 imperial gallon capacity (1343.82 litres). Must be of corrosion resistant material and contain the approved anti-siphoning device or back check valve on the filler inlet. STATE -reservoir capacity -type of tank material -monitoring location of tank(s) -spray time at maximum water flow rate</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p>N. WATER SPRAY SYSTEM (Cont'd)</p> <p>3. Water Pump Water pump must be capable of 5 GPM and have protection against no water or low water. STATE -type of pump -make and model -flow capacity and operating pressure -low/no water protection -power service for pump.</p> <p>4. Reservoir Accessories Reservoir to have a 3" I.D. or larger over-flow piped to ground complete with intake filter. A low water level warning devise located in cab (either available or visible). STATE -size of overflow pipe -location of overflow -type of low water warning devise</p> <p>5. Filler Hose Included shall be 2-1/2" diameter by 25" of filler hose complete with abrasion resistant covering. Hose shall have 2-1/2" head coupling to Port City of Richmond Fire Hydrant. STATE -make and type of hose -method of filler hose storage</p> <p>6. Wash Down Hose a 25' washdown hose with quick disconnect shall be provided STATE -type</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>O. SWEEPER HYDRAULIC SYSTEM</u></p> <p>1. Pump and Valves A high quality pump capable of handling all hydraulic functions complete with valves and system relief. STATE -type of pump -make and model -PSI and rated flow in GPM -method of system used for pump drive -location of valves -method of control (i.e. direct connection or solenoid).</p> <p>2. Fittings Hydraulic fittings shall be plane or "O" ring type. Pressure taps for system testing shall be provided for all functions and located conveniently. STATE -type of fittings -test ports and type</p> <p>3. Hydraulic Motors All functions shall be driven by high quality hydraulic motors suited to application. STATE -The quantity, model and function of each motor -make and model.</p> <p>4. Controls All hydraulic functions shall be controlled from within cab. Control type and operator convenience shall be determining factor in final selection. PROVIDE -diagram or pictorial controls and layout</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>O. SWEEPER HYDRAULIC SYSTEM</u> (Cont'd)</p> <p>5. Hydraulic Reservoir The hydraulic reservoir capacity shall be at best equal to system capacity and be equipped with liquid level sight gauge, filtered filler and a magnetic drain plug. STATE -reservoir capacity -system capacity -sight glass location</p> <p><u>P. AUXILIARY ENGINE</u></p> <p>1. Diesel Engine Auxiliary engine shall be a diesel fuel type preferably a 4 cylinder with water cooling. Engine horse power and torque values must be well over combined load requirements from fan, hydraulic and water system. Engine must meet tier three emission requirements or better. STATE -engine make and model, tier emission options</p> <p>2. Horsepower and Torque Engine must have approximately 115 HP rating and approximately 290 ft. lb of torque. STATE -HP and RPM -Torque and RPM</p> <p>3. Instrumentation Unit should have full instrumentation including coolant temperature oil pressure, hour meter and tachometer and volt meter. Unit must include a high coolant temperature/oil pressure shut down system. STATE -type of engine low oil/high coolant shutdown -types of gauges.</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p>4. Fuel System A racor fuel/water separator model 225 self primed heated and water sensor. STATE -type</p> <p>5. Engine Describe what engine controls and monitoring gauges are located within the chassis cab. STATE</p> <p>6. Sound Suppression Describe what construction and design is utilized to mitigate equipment operation noise and levels in dbh achieved during "normal operation" with the standard package. Define what "standards" used in the dbh sound definition you are quoting.</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>Q. MISCELLANEOUS</u></p> <p>1. Warranty Provide full details concerning the applicable warranty to the vehicle sweeper and related components if separate coverage provided minimum warranty period to the entire vehicle shall be 1 year. Advise if any extended warranty options, terms and conditions, if available. STATE -warranty period and applicable exclusions if any.</p> <p>2. Training Provide training in the operation and maintenance of the unit by factory trained personnel. Advise of training aids such as videos, charts and materials suitable provided or made available at the time of machine delivery. STATE -training -training aids.</p> <p>3. Preventative Maintenance The following to be provided by the successful bidder at the time of vehicle delivery. -A complete check of style preventative maintenance schedule check list recommended by the manufacturer to ensure full satisfactory service life. -listing of special tool requirements -recommended diagnostic tooling. -Full set of Service and parts manuals, including schematics for hydraulic system, electrical system (truck and vacuum body portion) and water system. -Full list of operational maintenance parts likely required. Provide manufacturer's name and part numbers.</p> <p>4. Parts The City of Richmond requires parts delivery by air/within 24 hours within Canada and 48 hours outside of Canada. All costs associated to “air” delivery are the responsibility of the supplier. STATE - parts delivery service by air - associated costs - options/alternatives</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p>Q. MISCELLANEOUS (con't)</p> <p>5. Operation Noise Because these vehicles and related activities frequently require attendance in "suburban" area noise due to use must mitigated through equipment component selection and sound suppression activities. Ratings requested below should be at standard sweepers speeds. STATE -in-cab noise should not exceed 70dbh -operation noise 25ft circumference should not exceed 75 dbh. Measurement method should be as per S.A.E. Standard J336 and J88 respectively.</p> <p>6. Electrical The entire electrical system should be vapour sealed to eliminate moisture damage. Sweeper electrical system shall be independent from the electrical system of the chassis. Sweeper engine shall have one 925 CCA 12-volt battery. STATE -type of moisture barrier utilized. -"bulb" must be shock mounted. -wiring to be colour coded and identified every 4 inches and run in sealed terminal boxes. -work lights at auxiliary engine compartment provided. -work lights at sweeping area and lights at rear functioning through separate switch. -if independent system -battery CCA</p> <p>7. Storage Sealed and lockable storage compartment. STATE</p> <p>8. Delivery The number of days from the date of the order to the date of delivery F.O.B. the City of Richmond Works Yard. The City would expect 180 days after awarding the contract. STATE – delivery</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p>R. OPTIONS</p> <p>1. Automatic Lubrication System A fully installed automatic lubrication system for both the truck chassis and the sweeper operations. STATE -type -prices</p> <p>2. Hopper System The hopper system shall provide a special texturing and chemical treatment of the steel that greatly improves the adhesions of polyester powder coat and polyurethane coating. After the base metal has been treated, a special zinc rich powder primer is applied onto all exterior surfaces of the hopper. The zinc rich primer shall be baked on, a thick coat of polyester shall be applied to all exterior surfaces and then the hopper liner material is applied to all inside surfaces of the hopper, effectively sealing the hopper against wear and corrosion. STATE -Pricing -Options</p> <p>3. Air Purge package STATE -Pricing -Options</p> <p>4. Parts and Services Guarantees Can you provide <u>parts and services guarantees</u> complete with minimum standards quantifying the delivery of parts and services? STATE - Describe your performance guarantees. - Costs. - Options/Alternatives</p> <p>5. GPS STATE: - options/alternatives</p> <p>13. Recommended Options State -what is offered</p>	

PART D – QUOTATION FORM

Quotation Form

Purchasing Section
City of Richmond
6911 No. 3 Road
Richmond, BC V6Y 2C1

The undersigned Bidder, having carefully read and examined the Instructions to Bidders, General Conditions, Requirements, Quotation Form, and Undertaking of Liability Insurance and having full knowledge of the work required, does hereby offer to provide all necessary materials in strict accordance with the Requirements and to do all therein called for on the terms and conditions and under the provisions therein set forth at the:

TOTAL BASE PRICE \$ _____

TOTAL OPTION PRICE\$ _____

LUMP SUM TOTAL\$ _____

PAYMENT TERMS _____ **EARLY PAYMENT TERMS** _____

The above price includes and covers duties, handling and transportation charges, and all other charges incidental to and forming part of this Quotation except for H.S.T.

The undersigned Bidder agrees to complete the whole of the works within _____ working days of acceptance.

Name of Bidder: _____

Address: _____

Telephone No: _____

Name, Signature, and
Title of Signing Officer: _____

Date: _____

E-mail: _____

Web Address: _____

PART D – QUOTATION FORM

Schedule of Quantities and Prices

DESCRIPTION	UNIT	TOTAL COST
Vacuum Street Sweeper	EA	\$ _____

Subtotal \$ _____

TOTAL QUOTED AMOUNT \$ _____
(carried forward to Quotation Form)

Harmonized Services Tax (HST) \$ _____

Payment Terms _____

Early Payment Discount _____

 Initials of Signing Officer

PART D – QUOTATION FORM

Undertaking of Liability Insurance

City of Richmond
6911 No. 3 Road
Richmond, BC V6Y 2C1

Dear Sirs:

We, the undersigned (insert insurance company's name) _____ do hereby undertake and agree to insure the Contractor in the amount of \$5,000,000.00 as outlined in the attached "General Conditions of the Contract" and agree to:

- a. Name the City of Richmond, its officers, officials, agents, and employees as additional insured in connection with the work being proposed by the Contractor.
- b. State that such policy applies to each insured in the same manner and to the same extent as if separate policy had been issued to each insured named in the policy.
- c. State that the policy cannot be cancelled, lapsed, or materially changed without at least 30 days written notice of cancellation delivered to the City Clerk of the City of Richmond at 6911 No. 3 Road, Richmond, BC V6Y 2C1.
- d. State that coverage provided by such insurance shall protect the Contractor and the City of Richmond during the performance of the works and services specified in the attached Form of Quotation and specifically that the insurance required by such Quotation shall be consistent with the requirements therein.

if the Contract is awarded to (insert bidder's name) _____

EXCEPTIONS:

Dated at _____, British Columbia, this ____ day of _____, 2011.

BY: _____ TITLE: _____

This form must be signed by the Insurance Company or an authorized Broker on behalf of the Insurance Company.

A SEPARATE FORM MUST BE SIGNED FOR EACH POLICY IF MORE THAN ONE POLICY IS APPLICABLE.

PART D – QUOTATION FORM

List of Previous Contracts

The Bidder has recently undertaken and completed the Contracts described following and authorizes the City of Richmond to inquire as to the nature of the Bidders performance on these contracts.

	DESCRIPTION OF CONTRACT	TOTAL PRICE OF CONTRACT	DATE COMMENCED	DATE COMPLETED
Company: Contact Name: Phone: E-mail:				
Company: Contact Name: Phone: E-mail:				
Company: Contact Name: Phone: E-mail:				
Company: Contact Name: Phone: E-mail:				

(If additional space is required, attach additional