



**REQUEST FOR QUOTATION 4251Q
SUPPLY & DELIVERY OF TWO (2) TANDEM AXLE CAB AND CHASSIS C/W DUMP
BOX, FRONT PLOUGH TRUCKS**

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 4251Q

SUPPLY & DELIVERY OF TWO (2) TANDEM AXLE CAB AND CHASSIS C/W DUMP BOX, FRONT PLOUGH TRUCKS

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 two (2) tandem axle cab and chassis c/w dump box and front plough trucks 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

PART A – INSTRUCTIONS TO BIDDERS

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.

- 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.

PART A – INSTRUCTIONS TO BIDDERS

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.
- 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

PART B – GENERAL CONDITIONS

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.”;

“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 *Work Safe BC 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”).

PART B – GENERAL CONDITIONS

- 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.
- 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.

PART B – GENERAL CONDITIONS

6.0 Laws, Permits and Regulations

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

PART B – GENERAL CONDITIONS

- 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.

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

PART B – GENERAL CONDITIONS

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.

- 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

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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.

- 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;

PART B – GENERAL CONDITIONS

- 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.
- 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.

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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.

PART B – GENERAL CONDITIONS

- 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 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

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>A. GENERAL SPECIFICATIONS</u></p> <p>The City of Richmond requires Two (2) Conventional Tandem axle cab and chassis, which will be used in the general duty use in the transporting construction materials and in snow ploughing and salting requirements.</p> <p>Both units must have 66,000 lb GVWR. Chassis will require a rating sufficient for transportation of construction materials and ice and snow control.</p> <p>The units must incorporate features that provides for ease of operation and maximum safety for the public and operator. Evaluations of these features will be made and will contribute to the decision of the tender award.</p> <p>The bidder shall respond to every item indicating the item is included as described in the specifications or any alternatives suggested.</p> <p>Details for the alternatives must be provided in the appropriate section.</p> <p>STATE</p> <ul style="list-style-type: none"> -make and model -alternatives -options <p>A. CHASSIS</p> <p>1. Cab & Chassis</p> <p>A conventional tandem axle type cab and chassis configured primarily for a dump truck, with plough/salting options, having the capability for driver and one (1) passenger.</p> <p>STATE</p> <ul style="list-style-type: none"> -type -options <p>2. Cab to Axle</p> <p>Approximately 181 inches of clear cab to axle. Cab to body clearance of 6 inches</p> <p>STATE</p> <ul style="list-style-type: none"> -cab to axle distance -cab to body clearance -options 	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>A. GENERAL SPECIFICATIONS</u> (Con't)</p> <p>A. CHASSIS (con't)</p> <p>3. Wheelbase Wheelbase for applications is to be fitted for two (2)-dump boxes approximately 12-yard capacity. STATE -wheelbase -options</p> <p>4. Cab Dimensions Preference will be given to large interior proportioned conventional cab design. STATE -front bumper to rear of cab distance -front axle to rear of cab distance -options</p> <p>5. Vehicle Weight Proposed vehicles shall have approximate operating weight capability as follows: approx. – (66,000lbs) GVWR. STATE -GVWR -GCVWR -options</p> <p>6. Base Curb Weight - Cab & Chassis STATE -front -rear -combined</p> <p>7. Tow Hooks Two (2) front tow hooks. Each hook mounted directly to the frame rails at either side. STATE -what is offered -options</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>A. GENERAL SPECIFICATIONS</u> (Cont'd)</p> <p>A. CHASSIS (con't)</p> <p>8. Frame Rails A clean top of frame full CA distance, required for mounted equipment. STATE -frame rail PSI yield strengths -a clean top of rail CA -options</p> <p>9. Frame Rail Height Application requires a standard height chassis frame configuration. STATE -unladen top of rail height to ground distance -laden top of rail height to ground distance -options</p> <p>10. Bumper A full width front chrome bumper complete with licence plate holder. STATE -type of bumpers -type of bumper corrosion proof coating -colour and paint ID number -options</p> <p>11. Mud Flaps Frame mounted removable mud flaps, front and rear of rear wheels and rear of front wheels. STATE -type and style -options</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>B. SUSPENSION</u></p> <p>1. Front Suspension Standard tapered variable rate leaf springs suspension complete with matched shock absorbers. Weight bearing capability of 9,100 kg (20,000 lb) (GAWR) STATE -front axle suspension capacity -shock absorber make and model -make and model of front axle -options</p> <p>2. “Setback” Axle A set back front axle allowing for ease of manoeuvrability and decreased turning radius. Front steering axle wheel degree kick out of 42° or greater. Steering axle capacity of approximately 9100 kg (20,000 lb). STATE -if set back axle provided -steering axle wheel degree kick out -wall to wall turning radius -turning radius -weight capacity -options</p> <p>3. Wheel Rims Hub piloted, disc type wheels. STATE -type and style of wheels -dimension of wheel -options -Aluminium plus cost difference between steel and aluminium.</p> <p>4. Tires Michelin XYZ-Z 11 R 16 ply all position type tires for all rear wheels and having 425/65 R 22.5 20 ply tires on front. STATE -type and style of tires -make of tire -options</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>B. SUSPENSION</u> (con't)</p> <p>5. Front Hub Oil wheel seals complete with see – through cover STATE -type and style of covers -options</p> <p>6. Tandem Rear Axle A single speed rear axle and differential having: (46,000 lb) capacity or greater. Driver controlled traction lock differential both axles. STATE -type and style -traction lock both differentials (dash operated) -capacity -options</p> <p>7. Rear Suspension Standard tapered variable rate leaf springs suspension having a load bearing capacity for (46,000 lb) or greater. Weight scale on air bags. STATE -type and style of suspension -make of suspension -capacity -options</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>C. CAB TYPE</u></p> <p>1. Cab A cab capable of seating the driver and one (1) passenger. Cab to have corrosion proofing applied and painted white. STATE -cab type and style -type of corrosion proofing -colour code of paint and identification -options</p> <p>2. Interior Dark Grey interior colour and trim. Easy care, easy clean materials preferably vinyl with moulded plastic trim. Matching rubber floor mats, sun visors, arm rests, coat hooks, overhead liner and door panels. STATE -type and style -options</p> <p>3. Mounting Cab is required to have minimum four (4)-point mounting, complete with rubber or viscose mounts for sound isolation and vibration control/Air ride suspended. STATE -type and style of mounts -options</p> <p>4. Seating Front individual high back bucket type seats. Drivers seat 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 cloth 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>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>C. CAB TYPE</u> (Cont'd)</p> <p>5. Steering Tilt and height adjustable steering wheel. Unit will incorporate power steering matched to vehicle type and weight for ease of operation and operator comfort. STATE -steering wheel adjustments -power steering type -options</p> <p>6. 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>7. Cab Air Conditioning Units are to be equipped with factory air conditioning, complete with multi positional control and variable adjustable vents with cab filter. STATE -type and style -capacity -options</p> <p>8. Windshield Wipers Two (2) speed wiper controls complete with intermittent feature. Wiper system shall include window washer system. STATE -wiper control -type of washer system -options</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p>C. CAB TYPE (Cont'd)</p> <p>9. Cab Egress Cab grab handles and stairs conveniently located on both sides of cab for operator and passenger safety and comfort. Steps must be slip resistant and have a boot brush on both sides. STATE -utilization of grab handles and location -stair height beginning at ground level -type, style and location of boot brush -slip resistant type and style -options</p> <p>10. Mirrors Two (2) “West Coast” style mirrors rectangular heads having a minimum 6” x 14” (15cm x 35 cm) surface, complete with 6” (15 cm) diameter convex heads. Mirrors to be electric controlled breakaway type and must be heated complete with LED lighting. The passenger side mirror should be downward viewing. STATE -type and style -dimensions of mirrors -break away -heated -options</p> <p>11. Windshield Safety windshield tinted type for temperature control, units will be required to have exterior windshield visor mounted to cab. STATE -windshield tint grade -type and style of visor -options</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>C. CAB TYPE</u> (Cont'd)</p> <p>12. Radio Units are to be equipped with AM/FM/CD radio with Blue Tooth capabilities. Preferred mounting to be on the cab ceiling. Plumbed for CB. STATE -type and style of radio -model number -mounting location -options</p> <p>13. Operators Console A safe operators console defined as requiring minimal eye movement from the roadway. Gauge cluster must consist of odometer, voltmeter, trip display, engine hour meter, speedometer, tachometer, oil pressure, coolant temperature, transmission temperature, air pressure gauges, fuel level, brake application gauge, filter restrictor and fault code display(s) as necessary. Operator warning system, both visual and audible, to include low oil pressure, high coolant temperatures engine functions, low air warning (both primary and secondary) air cleaner restriction gauge mounted in instrument panel. Units shall be equipped with on board digital scale system located in the cab with clear visibility for the operator. STATE -describe console -describe gauges offered -type and style of warning system -options</p> <p>14. Cab Front End Tilt forward type hood assembly with stationary “grill” to clear extended frame rails or auxiliary front mounted equipment. Butterfly style hood on both sides is required for engine access. STATE -type of tile apparatus -clearance of front mounted equipment -engine access -options</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>C. CAB TYPE</u> (Cont'd)</p> <p>15. Fuel Tank A minimum of 320 litres capacity fuel tank complete with non-spill venting. Fuel tank mount shall be on left side and fill spout position located for quick and easy fill. STATE -tank capacity -location -operator egress step -options</p> <p>16. Hand Throttle Units must be equipped with electronic hand throttle, with location to be designed for ease of access for operator. STATE -type and style of hand throttle -location -options</p> <p>17. Horns Units are to be fitted with dual electric and air horns. STATE -location of air horns -type and style -options</p> <p>18. Operator Visibility Consideration will be given for overall operator visibility and comfort. Units must include pedestrian window on lower right door. STATE -pedestrian window -describe visibility -options</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>C. CAB TYPE</u> (Cont'd)</p> <p>19. Exhaust Units are to be equipped with single vertical curved top exhaust pipe and heat shield. (Height not to exceed one foot above the cab) STATE -location of exhaust -type and style -heat shield -options</p> <p>20.Fender Extensions The vehicles shall have front fender extensions installed on the units. STATE -what is offered -options/alternatives</p> <p>21. Grill The vehicle shall be equipped with a stationary grill. STATE -what is offered -options/alternatives</p> <p>22.Cab Sound Installation The vehicle shall include dash and engine cover installation. STATE -what is offered -options/alternatives</p> <p>23. Remote Power Module The vehicle shall include a remote power module mounted under cab complete with a minimum 6 outputs and 6 inputs max 20 amps. per channel, max 80 amps. total and 1 switch pack with latched switches. STATE -what is offered -options/alternatives</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>C. CAB TYPE</u> (Cont'd)</p> <p>24. Windows/Doors/Entry</p> <p>Units are to be equipped with electric power windows, automatic door locks and automatic keyless entry.</p> <p>STATE:</p> <p><u>D. BRAKES</u></p> <p>1. Air Brakes</p> <p>Air brakes system incorporating “anti-lock brake” technology and having two (2) separate airline sets for brake application. Application requirements are for frequent “stop and go”. Air brake system must be fully in compliance with the B.C. Motor Vehicle Safety Act and B.C. Commercial Vehicle Act.</p> <p>STATE</p> <ul style="list-style-type: none"> -if fully in compliance with above Acts and Regulations -“ABS” provided -options 	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>D. BRAKES</u> (Cont'd)</p> <p>2. Air Compressor Air compressor having sufficient capacity, including safety margin, to operate air brake system and manufacturer installed air operated equipment. A minimum compressor output of 16.5 CFM for standard applications. Compressor air intake and supply shall be through a clean air source (i.e. aft of the engine air cleaner system). STATE -type of drive -make and model -capacity -options</p> <p>3. Air Dryer An air dryer capable of removing accumulating brake system debris and water. A “Bendix AD-9” or equivalent dryer, complete with desiccating filter and alloy debris filter, providing minimum protection of 30” dewpoint depression from ambient operating temperatures. A dryer having heating feature is required. STATE -make and model -capacity -heated feature -options</p> <p>4. Low Air Warning Both audible and visual brake warning system, low air warning devices inside the cab for operator’s visual acuity and safety. Easily read air pressure gauges within the dash cluster. STATE -type of system -styles of system -gauge location -options</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>D. BRAKES</u> (Cont'd)</p> <p>5. Automatic Drain Valves Automatic drain valves must be located at the air supply reservoir, primary reservoir and secondary reservoirs. Bank of drain cocks in convenient location for driver. STATE -type and style of drains -locations -options</p> <p>6. Anti-Lock Brake System (ABS) The unit brake system shall incorporate anti-wheel lock technology known as “ABS”. The unit, made up of controller wheel speed sensors and modulators, shall be secured within “safe” areas within the frame and drive components and easily accessible for servicing as required. A visual and audible alarm to signal the operator of a malfunction shall be provided within the cab dash cluster area, trailer plug shall be included. STATE -type and style of system -make and model -components included -options</p> <p>7. Air Lines Airlines are to be “synflex” nylon type tubing material colour coded for ease of serviceability and routed to minimal exposure to damage. Line materials meeting SAE J-1402 at articulation points and stainless steel braided tube for air compressor discharge line. STATE -type and style -options</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>D. BRAKES</u> (Cont'd)</p> <p>8. Brakes Standard air brake system of drum and shoe S-cam type specified to axle rating and application loads. Standard applications are as follows: -6 x 4 20,000 lb front axle = q. area 378", 16.5" x 6". -6 x 4 46,000 lb rear axle = sq. area 440", 16.5" x 7" -a minimal acceptable material thickness of .86" for all linings and Q plus. STATE -make and model of brake shoes and drums -type and style of brake shoes and drums -specification measurements of each -options</p> <p>9. Slack Adjusters "Haldex" automatic slack adjusters required or City of Richmond approved equal. STATE -make and model of slack adjusters -type and style of Slack adjusters -options</p> <p>10. Dust Shields Wheels to be equipped with dust shields both front and rear axle(s) STATE -what is offered</p> <p>11. Air Brake Chambers Front LS (Long Stroke) brake chambers to have minimum surface area of 24 sq.in. (61cm) with rear spring chambers having minimum of 30 sq. in. effective surface area. Rear 'parking' spring chambers activated from dash mounted control valve and complete with anti-compounding control. STATE -make and model of brake chambers -size specifications of brake chambers -type and style of rear parking brake -options</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>E. POWERTRAIN</u></p> <p>1. Engine / Ratings Internal combustion diesel engine with the following ratings.</p> <p>SAE HP –425HP @ 2100 RPM PEAK TORQUE – 1400 lb-ft @ 1000 / RPM Engine shall offer peak torque across a broad RPM range. (i.e. 1100 to 1300 RPM)</p> <p>STATE</p> <ul style="list-style-type: none"> -SAE HP and RPM -peak torque values at RPM range - provide torque curve chart - B10 bio-diesel compliant - options <p>2. Engine Fuel System Electronically governed fuel delivery system. Fuel system in addition to supplied filtration shall include, a “RACOR” or City of Richmond approved equal, fuel/water separator having a minimum10 micro media.</p> <p>STATE</p> <ul style="list-style-type: none"> -type of injection -“RACOR” fuel/water separation -options <p>3. Electronics Control Engine functions and other related powertrain accessories (i.e. transmission) controlled and monitored through an electrical control module(s) to optimize fuel economy, minimize regulated exhaust emissions, load sensing and related vehicle tasks. Engine shall have a normal idle RPM less than 700 RPM.</p> <p>STATE</p> <ul style="list-style-type: none"> -type of engine controls -compliance with EPA standards -location of ECU(s) -engine idle RPM -options 	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>E. POWERTRAIN</u> (Cont'd)</p> <p>4. Fuel Consumption/Emissions The City of Richmond is committed to reducing “greenhouse gas” and exhaust emissions reduction. An important aspect of this program is the contribution being made by fleet vehicle and equipment operations. Engine and transmission selection therefore will take into account the following: -fuel consumption rating -CO emissions -idle CO emissions in percentage of exhaust gas flow -non methane hydrocarbons plus NOX -NMH plus NOX -PM per gram brake horsepower/hour -CO² grams per brake horsepower/hour -estimated greenhouse gas production, City driving of 15,000 km per year stated in CO² equivalent kilograms</p> <p>5. Coolant System Coolant system, in addition to having sufficient capacity including frequent trailer towing, shall have silicone hoses (or equivalent), filter/conditioner and anti-freeze solution having minimum cold weather protection to -30° Celsius STATE -type of hoses -type of filtration -type of anti-freeze solution -frequency of solution replacement -options</p> <p>6. Radiator A long life radiator having safe cooling capacity for the engine and transmission. Radiator should take into account the trailer towing and snow plow/ice control needs for this application. A radiator having a minimum surface area of 1000 sq. in. or greater is required. STATE -type and style of radiator -capacity of radiator -whether full coolant capability for towing operations (heat dissipation) as described in this document.</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>E. POWERTRAIN (Con't)</u></p> <p>7. Air Induction The air induction system composed at a primary and secondary element including an air restriction indicator for timely and effective maintenance. STATE -type of filtration -location of filtration -air restriction indicator -options</p> <p>8. Transmission An automatic type power shift to transmission. Transmission must be sized and suitable for towing trailers having gross weight up to 25000 kg (55,000lb) and fully capable with over heating for snowplough and ice control operations and for mounted combination cleaner unit. The GCVWR is described under A. Chassis Section 2. Vehicle is entirely used in City operations therefore, should be “geared” to 90-100 km/h. Transmission shall have a constant drive PTO provision for auxiliary hydraulic equipment. Synthetic oil. Hand shifter not push button style. STATE -make and model of transmission -whether constant drive PTO is provided -capable to a minimum 1500 lb. torque 390 SAE horsepower. -cost of transmission retarder option</p> <p><u>F. Electrical</u></p> <p>1. Electrical System The charging system must have full capability to maintain battery-cranking capacity, chassis electrical equipment, mounted equipment and traffic warning lighting system. Typically, this requires a minimum 12 volt alternator output of 135 amperes “DELCO” or equivalent, optimized of high output at a relatively low RPM of approximately 1000 engine RPM. STATE -what is offered</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>F. Electrical</u> Cont'd</p> <p>2. Alternator A low RPM turn on 12 volt regulating alternator having a minimum of 135 amperes output capacity. Alternator must feature enhancements incorporating coated systems to mitigate failures due to corrosion and provide extended service life. STATE -make and model of alternator -output rating at 1000 RPM at 12 V -options</p> <p>3. Starter Motor Starter motor having being specified by the engine manufacture for the engine model and being capable of providing and maintaining the cranking power required in the Richmond area ambient temperature ranges for winters. Thermal over crank protection is required to prevent overheating due to excessive cranking durations and extended service lift. STATE -make and model of starter -options</p> <p>4. Battery(s) Battery(s), maintenance free type, of sufficient capacity to power the starter at the lowest ambient temperature range encountered within the lower mainland. Typically, a minimum reserve capacity of 160 and a CCA of 1950 amperes. The battery box to be located parallel with and tight to the frame thereby reducing vibrations. STATE -reserve capacity rating cold cranking amperes -make and model -location of battery(s) -options</p> <p>5. Disconnection Switch/Boost Stud Units electrical/battery system shall incorporate a means of disconnecting the electrical systems and also provide a means of easy “boost” should it be required. No key style. STATE -compliance -location of battery boost stud -options</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p>F. Electrical Cont'd</p> <p>6. Fuse Box Automotive style waterproof resetable circuit breakers required. Power distribution system(s) shall utilize where possible resetable manual circuit breakers. The electrical system must incorporate SAE blade type fuses as standard equipment where resetable circuits are not. Complete and full electrical wiring schematics to be provided to the City of Richmond at the time of delivery. STATE -type and style of circuit breakers -availability of electrical schematics at time of delivery -options</p> <p>7. Wiring All wiring shall be colour coded, continuously numbered, encased in plastic “loom” to maximize protection from corrosion complete with sealed connectors. Vehicles having a “multiplexing” type electronic electrical systems shall provide capability for independent mounted equipment electrical circuits and functions. Heavy duty wiring to the rear of the frame for installation of body builder electrical requirements. LED type stop/tail, amber, turn, marker(s), clearance, backup, mirror and accessory power. STATE -conventional system with LED lamps -“multiplexing” system offered as standard -options/alternatives</p> <p>8. Cab Marker Lights Nighttime marker lamps. Five (5) flush mounted cab clearance identification lamps and on exterior visor, LED type. STATE -what is offered -LED lamps -options</p> <p>9. Back-up Alarm Having 100-dBA electric warning alarm device. STATE -type and dBA rating -options/alternatives</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>G. MISCELLANEOUS</u></p> <p>1. Compliance Vehicle must be in full compliance of current B.C. Motor Vehicle Safety Act, Work Safe BC, Commercial Motor Vehicle Regulations and U.S. Federal Environmental Protection Agency current exhaust emission standards. STATE -compliance</p> <p>Warranty Provide details concerning the standard applicable vehicle warranty and terms with components and parts not covered within the standard vehicle manufacturer warranty. Five year transmission warranty. STATE -standard applicable warranty and terms on vehicle -standard applicable warranty for associated components and parts not covered, or separate from the vehicle coverage noted above -if extended warranty is offered</p> <p>2. Manuals The vehicle shall have the following manuals included at the time of delivery. -2 sets of parts manuals per unit, CD-ROM acceptable alternate -2 sets of service manuals, CD ROM acceptable alternative -or secured access to manufacturers website where the above information is available at all times. -2 sets operators manuals per unit -1 set body, parts and repair manual per unit -options/alternatives</p> <p>Wherein the engine, transmission or other related components may not be included in the vehicle manuals, (Parts and Service) those additional manuals specific to the components, shall be included at the time of delivery. STATE -if in compliance with all of the above requirements including components</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>G. MISCELLANEOUS</u> (Cont'd)</p> <p>3. Scheduled Maintenance The following shall be provided by the Supplier at time of delivery. -a complete check-off style preventative maintenance schedule checklist as recommended by the manufacturer to ensure full and satisfactory service life. -a list of general maintenance parts recommended, by part number, for on-hand parts stocking. STATE -what is offered</p> <p>4. Demonstration A demo unit will be required during the evaluation process carried out by the City of Richmond staff. STATE -demo unit availability</p> <p>5. Training Provide training to the City of Richmond Equipment Service Shop technicians in the factory prescribed maintenance, diagnostics and repairs procedures. Operator training for drivers, training to be carried out by factory representative or, factory trained personnel. STATE -your training capability as described above -training locations -available training aids -availability of training sessions -training on essential major operating components not made by the vehicle manufacturer but utilized.</p> <p>6. Keys Four (4) full sets of keys provided at vehicle delivery c/w remotes for keyless entry. STATE -what is offered -options/alternatives</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>G. MISCELLANEOUS</u> (Cont'd)</p> <p>7. Delivery State the number of days from the date of receipt of order from the City of Richmond, to the date of vehicle delivery F.O.B. City of Richmond’s Public Works Operations Yard or site designated. The City would expect 180 days after awarding the contract. STATE -number of days for delivery -delivery date</p> <p>8. Alternatives List any alternatives recommended by the supplier in addition to those specified or in place of. STATE -alternatives and description -additional pricing for alternative and/or reduction in price -alternatives “in place” of item shown in spec. and describe in detail.</p> <p>9. Parts The City of Richmond requires parts delivery by air, within 24 hours within Canada and 48 hours outside Canada. All costs associated to “air” delivery are the responsibility of the supplier during warranty period. STATE -parts delivery by air -associated options/alternatives</p> <p><u>H. OPTIONS - State Additional Cost if applicable and availability</u></p> <p>1. Air Suspension List air suspension options. -what is offered -complete costs associated</p> <p>2. Alternative Suspension to Leaf Type Springs List alternative recommended suspension system for front and rear axles. STATE -what is offered -complete costs associated</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>H. OPTIONS</u> (Cont'd)</p> <p>3. Extended Front Frame Given occasional need for extended front frame rails please state if available and if other modifications or additional equipment is required. STATE -what is offered -complete costs associated -options</p> <p>4. Air Trailer Tow Package (Type?) Provide costs associated to out filling units with pintol hitch, plumb glad-hands electrical connection, including “ABS” and safety hardware that meets all compliance. STATE -what is offered -cost -options</p> <p>5. AC Adapter/Power Outlet Provide costs for AC adapter power outlet to charge up cell phone. STATE -what is offered -complete costs -options/alternatives - provide cost for a minimum for two. - cost per each extra outlet. options/alternatives.</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>H. OPTIONS</u> (Cont'd)</p> <p>6. OPTIONS <u>State Additional Cost if applicable and availability</u></p> <ul style="list-style-type: none"> - Power Windows - Power Mirrors - Heated Mirrors - Power Door locks - On- board Scales - Four Rear back up lights which operate in reverse and or override in neutral. - Outer front Cab sun visor - Rear camera - Engine Brake - Exhaust Brake - Aluminium versus steel box - Air tarper - Two aluminium tool boxes - On board digital scale system located in the cab with clear visibility for the operator. <p>-</p> <p>7. Given current longstanding operating procedures and practices, these units will incur approximately 1600 SMU annually. Application within the City of Richmond must be characterized as very moderate relative to many other municipal and government locations. These units are essential however, to maintenance of works productivity and “uptime”, the unit’s reliability is foremost. Therefore, with these points in mind, your proposals to the following optional features to the contract are required.</p> <p>a. List any “availability” guarantees. For example, if machine is down due to mechanical failure, do you provide</p> <p>STATE</p> <ul style="list-style-type: none"> -what <u>availability guarantees</u> you propose -what costs are associated with a “performance” guarantee -options/alternatives <p>8. Can you provide <u>parts and service guarantees</u> complete with minimum standards quantifying the delivery of parts and service?</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p>STATE -describe your performance guarantees -complete costs associated -options/alternatives</p> <p><u>H. OPTIONS</u> (Cont'd)</p> <p>9. Are you prepared to guarantee the units operating cost <u>excluding normal maintenance labour and material</u> and <u>fuel</u> for fixed periods?</p> <p>STATE -terms or periods of duration -complete costs associated to each duration -options/alternative</p> <p>10. Do you offer guaranteed a“buy back” of your unit and if so please list the value and terms corresponding to value?</p> <p>STATE -what is offered -options/alternatives</p> <p>7. Trade-In (Optional) Two (2) International Tandem Dump Trucks.</p> <p>1. 1995 International Tandem Dump complete with snowplough and salt insert. Serial # 1FVXJLBB6SL717973 Unit # 859</p> <p>2. 1996 International Tandem Dump complete with snowplough and salt insert. VIN # 1FVXJJBB5TL617126 Unit # 877</p> <p>Trade-in prices shall be shown in “Schedule of Quantities and Prices”.</p> <p>Inspection available at:</p> <p>Richmond Public Works Operations Yard 5599 Lynas Lane Richmond, BC V7C 5B2</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p>Contact Chris McKenzie-Cook at (604) 244-1255 to view trade-in.</p>	
<p><u>GENERAL SPECIFICATIONS - Dump Box</u></p> <p>The City of Richmond requires Two (2) dump boxes suitable for tandem axle cab and chassis having a approximately 66,000 lb GVWR (make and model to be advised) carrying gravel, aggregate, asphalt, salt insert and miscellaneous other construction materials. Application is primarily for Public Works maintenance and projects.</p> <p>1. Dump Box suitable for conventional tandem axle cab and chassis Dump box dimensions STATE -length -width -height -make -model -options</p> <p>2. Dump Box Construction Dump box is to be a minimum T-1 (AR400) construction, advise materials used in the box shell, deck, sub-floor, cross members, long sills, sides and cab shield. STATE -list materials -type of materials -style of construction -options -aluminium box construction</p> <p>3. Tailgate An air operated high lift gate with two (2) rear asphalt chutes, one on each side. Tailgate latch is to be air operated. STATE -type and style of gate -type of construction materials -rear asphalt gates -air operated</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p>-options</p> <p><u>GENERAL SPECIFICATIONS - Dump Box (con't)</u></p> <p>4. Installation Quotation is to include all materials and installation and labour to complete dump box including necessary hydraulics, fully operational on the City of Richmond's choice of cab and chassis. STATE -labour costs -material costs -options</p> <p><u>A. HYDRAULICS</u></p> <p>1. Hoist Hoist hydraulic system to have sufficient volume to take box (either empty or full) full up or down in minimum time of 24 seconds. STATE -type and style of hoist cylinder -make and model of hoist cylinder -full up and down travel time -options</p> <p>2. Pump Hydraulic pump is to be driven off an automatic transmission (make and model to be advised) PTO. Installation to include pump mounting supports and line groups fully functional. STATE -type and style of pump -make and model of pump -location of pump and lines -options</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>A. HYDRAULICS</u> (Cont'd)</p> <p>3. Hydraulic Line Groups All hydraulic lines to be colour coordinated are to be suitably routed with protective coverings, supported or hung to frame structure to eliminate “chaffing” or potential of “jill pokes” causing tears or ripped lines. STATE -type and style of hydraulic lines -location of lines -type of protective coverings -options</p> <p>4. Valves Minimum of seven (7) valve control banks required for the following functions:</p> <ol style="list-style-type: none"> a. snowplough lift b. snowplough angle c. salt insert spreader d. hoist system e. tailgate functions f. future requirements STATE -number of control valves -make and model -full set of hydraulic schematics -options/alternatives <p>5. Accessory Hose Routed to the rear, easily accessible, protected and complete with quick couplers. Routed to the front, easily accessible complete with quick couplers for plough operation. All hose routing, both to front and rear of vehicle, to have abrasive resistant outer coverings bundled and strapped to the vehicle frame and support brackets every 24” using standoff brackets and “P” clips. STATE -type and style of quick couplers -routing location -schematic of routing -type of abrasive coverings -location of support brackets -options/alternatives</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>A. HYDRAULICS</u> (Cont'd)</p> <p>6. Hydraulic Tank The unit shall have a hydraulic tank capable of incorporating the entire hydraulic system. -type and style of tank -location of tank -capacity of tank -sight glass -options/alternatives</p> <p><u>B. ELECTRICAL</u></p> <p>1. Wiring High quality corrosion resistant wiring to be included throughout. All lights, stop, brake, marker and directional are to be LED rubber mounted and recessed into frame. The plug in for the salt insert is up and easy to get at. STATE -type of corrosion resistant wiring -type and style of lights -if LED -frame mounting and recessed -options/alternatives</p> <p>2. Amber Flasher/Beacons Amber flasher/beacons are to be installed in both right and left corners front of box on the cab protector to be GROTE #77163 or equivalent LED complete with beacon guards. STATE -number of beacons -location of beacons -style of beacon guards -options/alternatives</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>B. ELECTRICAL (Cont'd)</u></p> <p>3. Electrical Connections All connections, boxes and wiring routing are to be weather proof and routed to the frame in a protective loom supported every 12” using stand-off brackets and “P” clips. STATE -weather proofing system -routing location -complete electrical schematic -options/alternatives</p> <p>4. Front Plough Lights Front plough is to be equipped with two headlights with marker and directional signals to be located on each side of the plough mount bracket. STATE -number of lights -type and style of lights -location of lights -options/alternatives</p> <p>5. Central Sensor Plug Unit requires a central sensor plug located in right rear post. STATE -what is offered (number of pins) -location of plug -options/alternatives</p> <p>6. Emergency Lighting Unit is to be equipped with emergency lighting as required by the motor Vehicle Act and WCB regulations and that all compliances are met. STATE -what is offered</p> <p>7. Centre Brake Light Unit is to be equipped with a LED centre brake light on spinner cover, (City of Richmond will advise). -what is offered</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>C. MISCELLANEOUS</u></p> <p>1. Drivers Step Drivers toe rail, steps, ladders and grab handles on both left and right sides of box. Inside box step Two (2) shovel holders are to be installed one on each side of the box at the front, location to be determined by the City of Richmond. STATE -type and style of toe rails -type and style of steps -type and style of ladders -number of steps -location of grab handles -number of grab handles -options/alternatives</p> <p>2. Manuals Provide two (2) service, parts and operators manuals. STATE -what is offered -options/alternatives</p> <p>3. Warranty Provide details concerning the applicable warranty overall and, if different, for components. STATE -warranty details -extended warranties offered</p> <p>4. Toolbox Two under body frame mounted vented toolbox constructed of 1/8 “aluminium checker plate with front opening, key lock at latch, vented and weatherproof. Minimum dimensions of 18” x 18” x 24”. STATE -size and type of box -type of locking device -style of box -options/alternatives</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>C. MISCELLANEOUS</u> (Cont'd)</p> <p>5. Delivery State the number of days from the date of order to the date of delivery FOB the City of Richmond Public Works Operations Yard. The City would expect 180 days after awarding the contract. STATE -number of days to deliver. -date of delivery</p> <p>6. Unit is to have all schematics, part numbers, service schedules and manuals upon delivery of unit.</p> <p>7. Training The City of Richmond requires snow/ice control training by the supplier for their drivers and operators to be coordinated with the Fleet Training Officer. All costs associated are to be the responsibility of the supplier. STATE -what is offered</p> <p><u>D. OPTIONS (For this section, please attach additional information as required.) For options list additional cost if any)</u></p> <p>1. Tarp System Air tarp system is required for the unit that provides complete operation from inside the cab. Ease of safe operation and material confinement must be the primary focus. Roll Right is preferred. STATE -type and style of tarp system -make and model -operation of tarp system -options/alternatives</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>D. OPTIONS</u>(Cont'd)</p> <p>2. Insert The City of Richmond requires a Stainless Steel slip-in sander 15' long – 10.5 yard water level capacity complete with 3/8" conveyor bars rear tie bar system, top screens vee style sander valve front springs and fill kit. Rear bumper welded on to insert. STATE -make and model of insert -length of insert -capacity of insert -leg stands -options/alternatives</p> <p>3. Front Plough The City of Richmond requires an 11ft. reversible plough complete with 39" straight blade high curl poly mouldboard, dual power angling cylinders and crank down wheels (custom casters and rubber wheels). STATE -make and model of plough -size of plough -size of blade -Blade rubber and costs -options/alternatives</p> <p>4. Front Frame The front plough mount must have heavy duty thrust arms and double acting lift cylinder. STATE -type and style of mount -type of lift cylinder -type of thrust arms -options/alternatives</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p>D. OPTIONS (Cont'd)</p> <p>5. Liquid Spray System The City of Richmond requires a liquid spray system complete with hydraulic motor, liquid pump, stainless steel housing, four (4) nozzle sprayer and two (2) 135 gal. reservoirs. STATE -make and model of liquid spray system -type and style of hydraulic motor -type and style of liquid pump -number of nozzles -number of reservoirs -capacity of each reservoir -options/alternatives</p> <p>6. Central Hydraulics The central hydraulics for the unit requires the following: a. Transmission driven hydraulic pump (will advise transmission) b. All functions will be located on an operations tower, located between the driver and passenger seats for easy access and serviceability. c. Controls to be air operated- to include valves for plough pump and reversible front plough, high mount tank, rear hard lines, Vickers sander control valve and Counter Point computer sander control system, adjustable flow restrictors as required. STATE -type and style of hydraulic pump -make and model of hydraulic pump -location of operations tower -type and style of operations tower -type and style of control valves -location of control valves -type and style of sander control system -location of sander control system -options/alternatives</p>	

PART C – REQUIREMENTS

CITY OF RICHMOND SPECIFICATIONS	STATE SPECIFICATIONS
<p><u>D. OPTIONS</u> (Cont'd)</p> <p>7. Tailgate Spreader The City of Richmond requires a tailgate spreader to be used for handling and spreading materials $\frac{3}{4}$ minus for shouldering and other fill work, including asphalt. STATE -what is offered</p> <p>8. GPS STATE: - options/alternatives</p> <p>9. Recommended Options State -what is offered</p>	

PART D – QUOTATION FORM

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 PRICES \$ _____

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
Two (2) Tandem Axle Cab and Chassis c/w Dump Box and Front Plough Truck	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