



**REQUEST FOR QUOTATION 5195Q
SUPPLY & DELIVERY OF A RESCUE TOOL SYSTEM**

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

Friday, July 11 2014 at 12:00 Noon local time

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:

Daianna Panni- Buyer I

email: purchasing@richmond.ca

The deadline for all enquiries is: **Wednesday, July 2, 2014 12:00 pm local time,**
The City reserves the right not to answer any questions received after this time.

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PART A – INSTRUCTIONS TO BIDDERS

PART A – INSTRUCTIONS TO BIDDERS

1.0 Description of Requirement

- 1.1 Quotations are invited for supply & delivery of a Rescue Tool System (the “System”) as set out herein, for the City of Richmond (the “City”).
- 1.2 Bidders are required to submit a quotation for the full requirement only. Partial responses may be put aside and given no further consideration.

2.0 Pricing

- 2.1 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.

3.0 Inquiries and Clarifications

- 3.1 Inquiries are to be in written form only and e-mailed to the contact persons shown on the cover page. If required, an amendment or addendum may be issued to Bidders. However, it is the sole responsibility of the Bidder to thoroughly examine these documents, and amendments and addenda and to satisfy itself as to the full Requirements of this Request for Quotation (“RFQ”).
- 3.2 The City, its agents, consultants, elected officials and employees shall not be responsible for any information given by way of oral or verbal communication.
- 3.3 The City will only respond to questions that are submitted in writing. Any questions that are received and answered by City Staff that affect the RFQ process, any interpretation of, additions to, deletions from, or any other corrections to the Request for Quotation document, may be issued as written addenda by the City. It is the sole responsibility of the potential Proponents to check the following websites to ensure that all available information has been received prior to submitting a Quotation:
 - 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>
- 3.4 The decision to issue or not issue an addendum is entirely at the sole discretion of the City.

PART A – INSTRUCTIONS TO BIDDERS

- 3.5 Each addendum will be incorporated into and become part of the RFQ document. No amendment of any kind to the RFQ is effective unless it is contained in a written addendum issued by the City's Purchasing Section.

4.0 Submission of Quotation

- 4.1 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.
- 4.2 Quotations received after the Closing Time or in locations other than the address indicated, will not be accepted and will be returned unopened.
- 4.3 The Bidder shall submit 3 (three) copies of its Quotation in accordance with the instructions stated herein.
- 4.4 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 shall be initialled by the authorized signatory.
- 4.5 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.
- 4.6 Quotations may be withdrawn by written notice only, provided such notice is received at Information Counter, Main Floor, Richmond City Hall, addressed to the Purchasing Section, 6911 No. 3 Road, Richmond, BC, V6Y 2C1, prior to Closing time.
- 4.7 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.
- 4.8 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

PART A – INSTRUCTIONS TO BIDDERS

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.

5.0 Conflict of Interest

5.1 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.

6.0 Evaluation of Quotations

6.1 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) financial stability;
- f) equipment quality, configuration, and condition;
- g) the completeness and detail of the quotation including but not limited to the organization and general appearance of the quotation, compliance with quotation instructions; and,
- h) any other criteria set out in the RFQ.

6.2 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 2 (two) fiscal years.

PART A – INSTRUCTIONS TO BIDDERS

- 6.3 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.
- 6.4 Preference may be given to Quotations offering environmentally beneficial products or services. Specifically, in accordance with the City's Sustainable Green Fleet Policy 2020, vehicles with highest fuel efficiency and cost effectiveness based on considerations of life-cycle costing and financial investment requirements and vehicles which maximize the use of alternative fuels and technologies will be considered

7.0 Acceptance and Rejection of Quotations

- 7.1 Notwithstanding any other provision in the Quotation documents, the City has in its sole discretion, the unfettered right to:
- 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.
- 7.2 All Quotations shall be irrevocable and remain open for a minimum of 60 (sixty) days after the Closing Time, whether or not another Quotation has been accepted.
- 7.3 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.

PART A – INSTRUCTIONS TO BIDDERS

8.0 Award of Contract

- 8.1 Award of a Contract is contingent on funds being approved and the contract award being made by the appropriate City authority.
- 8.2 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.
- 8.3 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.
- 8.4 The City may split the award between one or more bidders.
- 8.5 The City is not under any obligation to award a Contract and may elect to terminate this RFQ at anytime.

9.0 Quantities

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

10.0 Alternates and/or Variations to Specifications

- 10.1 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.
- 10.2 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.

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10.3 The City is not obligated to accept any alternatives.

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

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

11.1 Bidders should note that the City 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.

12.0 Publication of the Results of the Request for Quotation

12.1 The City will publish the name of the successful Bidder on the websites listed in Section 3.3. No other notices will be issued by the City. Bidders shall visit these websites to obtain the results of this Request for Quotation.

PART B – GENERAL CONDITIONS

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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.”;

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

“GST” means the goods and services 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.

“PST” means British Columbia provincial sales tax and any successor tax or levies therefore in force 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;

“System” means all the same as Goods

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

2.0 Independent Contractor

2.1 The Contractor, 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.

3.0 Assignment

3.1 The Contractor will not assign, sublet, 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.

PART B – GENERAL CONDITIONS

4.0 Time of the Essence

- 4.1 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.

5.0 Laws, Permits and Regulations

- 5.1 The laws of British Columbia shall govern the Contract.
- 5.2 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.

6.0 Inspection

- 6.1 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.
- 6.2 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.
- 6.3 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.

7.0 Responsibility For Supplies

- 7.1 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; and the Contractor shall bear all risks of loss or damage to rejected supplies after notice of rejection.
- 7.2 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.
- 7.3 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.

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8.0 Quality of Workmanship and Materials

- 8.1 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.
- 8.2 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.
- 8.3 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.
- 8.4 The rescue tool system shall be designed to allow upgrading and interchange ability with other components of the same manufacturer.
- 8.5 The rescue tool system shall be standard commercial products, which meet or exceed the requirements of this specification.
- 8.6 The components and optional items shall be stock items or readily available. If purchased components and optional items are in need of repair, the same components and items shall be delivered to No 1 Fire Hall (6960 Gilbert Road, Richmond, BC), in a no-charge loaner capacity, within 2 (two) days of notification from a City of Richmond staff.
- 8.7 Materials used in the construction of the rescue tools shall be new and conform to current engineering and manufacturing practices. Materials shall be free of defects and suitable for the service intended.

9.0 Warranty

- 9.1 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).
- 9.2 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.

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- 9.3 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.
- 9.4 At a minimum, ten (10) year lifetime warranty on parts and labour warranty shall be provided on all goods, materials, equipment and/or services provided under the Contract.
- 9.5 A sample Warranty (manufacture and/or contractor) are to accompany the bid response. Upon award, the contractor is required to submit the warranty documents.
- 9.6 The Contractor warrants that its employees have the qualifications, experience, knowledge, skills and abilities necessary for the fulfilment of the Contract.
- 9.7 Warranty shall cover all defects in material and workmanship except for the following:
- a) Damage caused by an accident, unreasonable use or neglect (including the lack of reasonable and necessary maintenance).
 - b) Damage to or deterioration of any accessory, other than the manufacturer's bid recommended products and accessories.
 - c) Damage from failure to follow manufacturer's instructions or owner's manual.

10.0 Termination

- 10.1 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

PART B – GENERAL CONDITIONS

- 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.
- 10.2 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).
- 10.3 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.

11.0 Payments

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

12.0 Taxes

- 12.1 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).
- 12.2 Invoices shall show the appropriate amounts for PST and GST.

13.0 Conduct of the Contract

- 13.1 The City of Richmond's Manager, Purchasing shall have the conduct of the RFQ and the Contract.

14.0 Rectification of Damage and Defects

- 14.1 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

PART B – GENERAL CONDITIONS

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.

15.0 Failure to Perform

- 15.1 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.
- 15.2 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.

16.0 Dispute Resolution

- 16.1 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.
- 16.2 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.
- 16.3 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.
- 16.4 The procedure set out in this section is not meant to preclude or discourage informal resolution of disagreements between the City and the Contractor.

17.0 Delivery

- 17.1 Deliveries shall be made to Fire Hall # 1, 6960 Gilbert Road, Richmond, BC V7C 3V4 Monday through Friday excluding statutory holidays, between the hours of 7:30 AM and 4:00 PM.

PART B – GENERAL CONDITIONS

- 17.2 Goods are required to be on-site at Fire Hall No 1, within 16 (sixteen) weeks from award date.

18.0 Changes in Requirements

- 18.1 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.
- 18.2 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

Bidders are to acknowledge each requirement and provide additional information regarding items quoted.

DESCRIPTION	CITY OF RICHMOND REQUIREMENTS	BIDDERS TO DESCRIBE ITEMS QUOTED
<p>A. <u>GENERAL SPECIFICATIONS (Hydraulic rescue tool system. To be designed to allow upgrading and interchange ability with other components of the same manufacturer).</u> Bidders are to include prices and details of alternatives and options in Part D – Quotation Form</p>		
<p>Brand Name: Genesis</p>		
<p><u>A1HYDRAULIC COMBINATION TOOL</u></p>	<p>Genesis Eforce 17c or equivalent STATE BRAND NAME AND MODEL/MAKE</p>	
<p><u>A2. Materials</u></p>	<p>This hydraulic combination tool shall be designed in accordance with modern manufacturing techniques, and shall use materials of high strength and lightweight. STATE DETAILS</p>	
<p><u>A3. Weight</u></p>	<p>The hydraulic combination tool shall have a maximum weight of 47lbs/21.3 KGs STATE DETAILS</p>	
<p><u>A4. Size</u></p>	<p>The hydraulic combination tool shall be a maximum of 36.8 inches / 934 mm in <u>length</u>, and a maximum of 9.1inches / 232mm in <u>width</u>. The width dimension is measured, in the fully closed position. STATE DETAILS</p>	

PART C – REQUIREMENTS

DESCRIPTION	CITY OF RICHMOND REQUIREMENTS	BIDDERS TO DESCRIBE ITEMS QUOTED
<u>A5. Finish</u>	The hydraulic combination tool may have an anodized finish STATE DETAILS	
<u>A6. NFPA Compliance</u>	The hydraulic combination tool shall be third party tested and certified to NFPA 1936 (latest edition). The manufacturer shall provide documentation of this certification along with their bid response. STATE DETAILS	
<u>A7. Spread</u>	The hydraulic combination tool shall have a minimum open spreading distance 16.7 inches / 425mm. STATE DETAILS	
	The hydraulic combination tool shall have a maximum spreading force of 163,211 lbs / 726 KG, when measured at the base of the spreading tips with the arms 99% open. STATE DETAILS	
	The hydraulic combination tool shall have an NFPA <u>Lowest Spreading</u> Force (LSF) of a minimum of 7,853 lbs / 34.9 KG, per third party testing and in compliance with NFPA 1936. STATE DETAILS	
	The hydraulic combination tool shall have an NFPA <u>Highest Spreading</u> Force (HSF) of a minimum of 9,765 lbs / 43.4 KG, per third party testing and in compliance with NFPA 1936. STATE DETAILS	

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DESCRIPTION	CITY OF RICHMOND REQUIREMENTS	BIDDERS TO DESCRIBE ITEMS QUOTED
<u>A8. Pulling Force</u>	The hydraulic combination tool shall have an NFPA <u>Lowest Pulling</u> Force (LPF) of a minimum of 8,235 lbs / 36.6 KG, per third party testing and in compliance with NFPA 1936 STATE DETAILS	
	The hydraulic combination tool shall have an NFPA <u>Highest Pulling</u> Force (HPF) of a minimum of 12,825 lbs / 57 KG, per third party testing and in compliance with NFPA 1936 STATE DETAILS	
<u>A9. Cutting Performance</u>	The hydraulic combination tool shall produce a maximum cutting force of 118,249 lbs / 526 KG. These forces are deemed as necessary to accomplish the cutting tasks needed for extrication obstacles. STATE DETAILS	
	The hydraulic combination tool shall have an NFPA cutting performance of at least: A7/B9/C7/D9/E9. STATE DETAILS	
<u>A10. Spreading/Cutting Control Mechanism</u>	This control valve may have a finger lever “deadman” control characteristics which is located on the handle itself for ease of operating tool with index finger and thumb while maintaining full grip of control handle. The finger control shall be spring loaded to allow the control valve to return to the “stop” position when the control valve is released. Return spring shall be an internal type, and not exposed to be damaged. No “star knob” controls will be considered. STATE DETAILS	

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DESCRIPTION	CITY OF RICHMOND REQUIREMENTS	BIDDERS TO DESCRIBE ITEMS QUOTED
<u>A11. Battery and Motor Housing</u>	The hydraulic combination tool shall be equipped with an over-pressurization relief valve. Motor housing shall be fully enclosed with no vents to prevent moisture to affect electrical components. STATE DETAILS	
	Housing shall allow rear battery attachment to housing with no obstruction to read battery life displayed by LED on battery. STATE DETAILS	
	Battery shall be a 28v Lith-Ion battery designed for optimum performance and be available for purchase at any City of Richmond home improvement retailer (eg: Home Depot, Lowes etc.). STATE DETAILS	
	Battery shall be a commercially available for ease of purchasing. Battery warranty shall have a 3 year life from date of purchase and be free from any manufacture defect. STATE DETAILS	
<u>A12. Combination Tool Handles</u>	In addition to the rear-mounted control, an additional adjustable “D” type handle shall be provided to ease positioning and movement when operating this tool. STATE DETAILS	

PART C – REQUIREMENTS

DESCRIPTION	CITY OF RICHMOND REQUIREMENTS	BIDDERS TO DESCRIBE ITEMS QUOTED
	This “D” handle shall be adjustable 360-degrees and field removable. STATE DETAILS	
	This handle shall be made of aluminum and machined to provide a non-slip surface. STATE DETAILS	
	The control valve shall only require one hand to operate. STATE DETAILS	
<u>B1. HYDRAULIC RAM</u>	Genesis 21/36 Eforce Ram or equivalent STATE BRAND NAME AND MAKE/MODEL	
	As a major component of this specified rescue tool system, this ram shall be designed in accordance with modern manufacturing techniques, and shall use materials of high strength and light weight. STATE DETAILS	
	The hydraulic ram tool shall weigh a maximum of 35.7lbs / 16.2 KG. STATE DETAILS	

PART C – REQUIREMENTS

DESCRIPTION	CITY OF RICHMOND REQUIREMENTS	BIDDERS TO DESCRIBE ITEMS QUOTED
<u>B2. Ram Control Mechanism</u>	This control valve shall have a finger lever “deadman” control characteristics which is located on the handle itself for ease of operating tool with index finger and thumb while maintaining full grip of control handle. STATE DETAILS	
	The finger control shall be spring loaded to allow the control valve to return to the “stop” position when the control valve is released. Return spring shall be an internal type, and not exposed to be moisture. No “star knob” control will be considered STATE DETAILS	
<u>B3. Battery and Motor Housing</u>	The hydraulic ram shall be equipped with an over-pressurization relief valve. STATE DETAILS	
	Motor housing shall be fully enclosed with no vents to prevent moisture to affect electrical components. STATE DETAILS	
	Housing shall allow rear battery attachment to housing with no obstruction to read battery life displayed by LED on battery. STATE DETAILS	

PART C – REQUIREMENTS

DESCRIPTION	CITY OF RICHMOND REQUIREMENTS	BIDDERS TO DESCRIBE ITEMS QUOTED
	Battery shall be a 28v Lith-Ion battery designed for optimum performance and be available for purchase at any City of Richmond home improvement retailer (eg: Home Depot, Lowes etc.). STATE DETAILS	
	Battery shall be a commercially available for ease of purchasing. Battery warranty shall have a 3 (three) year life from date of purchase and be free from any manufacture defect. STATE DETAILS	
<u>B4. Size</u>	The hydraulic ram tool shall be a maximum of 21.3 inches / 542 mm in length, and 11.4 inches / 289 mm in width STATE DETAILS	
<u>B5. Finish</u>	The hydraulic ram tool may have an anodized/powder coat finish. STATE DETAILS	
<u>B6. Extension</u>	There shall be a manual extension option with ram lengths of 7, 10, and 12 inches / 175, 250, 320 mm. This extension shall screw onto top of cylinder to secure a proper fit. STATE DETAILS	

PART C – REQUIREMENTS

DESCRIPTION	CITY OF RICHMOND REQUIREMENTS	BIDDERS TO DESCRIBE ITEMS QUOTED
	<p>The hydraulic ram tool shall extend to 35.8 inches / 910 mm length without use of the manual option extension. STATE DETAILS</p>	
<p><u>B7. Spreading Force</u></p>	<p>The hydraulic ram tool shall have a minimum spreading force of 24,953 lbs / 111 KG (NFPA HSF, or Highest Spreading Force)</p>	
<p><u>B8. NFPA Compliance</u></p>	<p>The hydraulic ram shall be third party tested and certified to NFPA 1936 (latest edition). The manufacturer shall provide documentation of this certification. STATE DETAILS</p>	
<p><u>C1. HYDRAULIC CUTTING TOOL</u></p>	<p>Genesis Eforce C185 NexGen or equivalent STATE BRAND NAME, MAKE/MODEL</p>	
	<p>The hydraulic cutting tool with this system shall be designed in accordance with modern manufacturing techniques, and shall use materials of high strength and lightweight. STATE DETAILS</p>	
	<p>When used as a component of this system, the hydraulic cutting tool is to be operated primarily by a single rescuer. STATE DETAILS</p>	

PART C – REQUIREMENTS

DESCRIPTION	CITY OF RICHMOND REQUIREMENTS	BIDDERS TO DESCRIBE ITEMS QUOTED
	The hydraulic cutting tool shall function as a “stand alone” component of the rescue tool system. STATE DETAILS	
<u>C2. Blade lubrication System</u>	The hydraulic cutting tool shall come equipped with a blade lubrication system to facilitate “field” lubrication of the cutting blades. STATE DETAILS	
	The blade lubrication system shall consist of a recessed grease zerk fitting to interface with a grease gun at one end of the tool’s center bolt, a grease groove on the center bolt running the length of the cutting surfaces, as well as a grease passageway to connect the grease zerk coupling with the grease groove in the center bolt. STATE DETAILS	
<u>C3. Grooves</u>	Each Face side of each cutter blade shall have a minimum of 3 (three) grooves that interface with the grease groove to allow effective distribution of grease from the blade lubrication system onto the friction surfaces of the cutter blades. STATE DETAILS	
<u>C4. Finish</u>	The hydraulic cutting tool may have an anodized/powder coat finish. STATE DETAILS	

PART C – REQUIREMENTS

DESCRIPTION	CITY OF RICHMOND REQUIREMENTS	BIDDERS TO DESCRIBE ITEMS QUOTED
<u>C5. Dimensions and Weight</u>	The hydraulic cutting tool shall weigh a maximum of 45.8 lbs / 20.8 KG. This shall be a “wet” weight, and shall include the cutter and battery. STATE DETAILS	
	The hydraulic cutting tool shall be a maximum of 34.4 inches / 873 mm in length, 9.1 inches / 232 mm in width, and 8.5 inches / 217 mm in depth. The width dimension shall include any handles or extensions. STATE DETAILS	
<u>C6. Cutting Tool Performance</u>	This hydraulic cutting tool will be used in rescue situations where operating area is minimal, and where maximum cutting force is necessary. STATE DETAILS	
	The hydraulic cutting tool shall provide a minimum cutting force of 175,000 lbs / 781 KG. These forces are deemed necessary to affect the cutting of UHSS (Ultra High Strength Steel) found in modern automobiles. STATE DETAILS	
<u>C7. NFPA Compliance</u>	The hydraulic cutting tool shall be third party tested and certified to NFPA 1936 (latest edition). The manufacturer shall provide documentation of this certification. STATE DETAILS	
	The hydraulic cutting tool shall have a minimum NFPA 1936 rating of: A7/B9/C7/D9/E9. STATE DETAILS	

PART C – REQUIREMENTS

DESCRIPTION	CITY OF RICHMOND REQUIREMENTS	BIDDERS TO DESCRIBE ITEMS QUOTED
<u>C8. Documentation</u>	Documentation from the manufacturer shall be submitted with the bid which includes all NFPA 3 rd party performance data (NFPA Cutter Rating). In addition to manufacturer logo, this documentation shall include name or logo of testing company. STATE DETAILS	
<u>C9. Cutter Blade Construction</u>	The cutter blades tools shall be made from a high quality, shock resistant tool steel. Because of the tremendous forces exerted on the cutter blades, each cutter blade shall cut a round stock bar to insure the integrity of the blade. STATE DETAILS	
	The cutter blades shall have an area specifically designed to cut round stock. The “round stock” cutter will be capable of cutting round pieces of metal without hazard of propelling the cut object. This is useful for cutting steering wheel rings, brake pedals, shifting handles etc. STATE DETAILS	
	The cutter blades shall have a removable center insert that allows no “rolling of blade edge” to maintain a clean sharp cutting surface. These blade inserts shall be easily removable for quick field service if required. STATE DETAILS	
	The cutter blades shall be forged, to ensure longer life of the blades. STATE DETAILS	

PART C – REQUIREMENTS

DESCRIPTION	CITY OF RICHMOND REQUIREMENTS	BIDDERS TO DESCRIBE ITEMS QUOTED
<u>C10. Cutter Tool Control Mechanism</u>	The control valve shall have a finger lever “deadman” control characteristics, which is located on the handle itself, for ease of operating tool with index finger and thumb while maintaining full grip of control handle. STATE DETAILS	
	The finger control shall be spring loaded in such a way to allow the control valve to return to the “stop” position when the control valve is released. Return spring shall be an internal type, and not exposed to be damaged. No “star knob” controls will be considered. STATE DETAILS	
<u>C11. Battery and Motor Housing</u>	The cutting blades shall be equipped with an over-pressurization relief valve. Motor housing shall be fully enclosed with no vents to prevent moisture to affect electrical components. STATE DETAILS	
	Housing shall allow rear battery attachment to housing with no obstruction to read battery life displayed by LED on battery. STATE DETAILS	
	Battery shall be a 28v Lith-Ion battery designed for optimum performance and be available for purchase at any City of Richmond home improvement retailer (eg: Home Depot, Lowes etc.). STATE DETAILS	
	Battery shall be a commercially available. Battery must have a 3 (three) years life, from date of purchase and be free from any manufacture defect. STATE DETAILS	

PART C – REQUIREMENTS

DESCRIPTION	CITY OF RICHMOND REQUIREMENTS	BIDDERS TO DESCRIBE ITEMS QUOTED
<u>C12. Cutting Tool Handle</u>	An adjustable “D” type handle shall be provided. The “D” handle shall be adjustable 360-degrees and field removable. STATE DETAILS	
	The handle shall have a star knob to tighten for a fixed handle or loosen for a rotatable handle. STATE DETAILS	
	This handle shall be made of steel and machined to provide a non-slip surface. STATE DETAILS	
<u>D1. HYDRAULIC SPREADING TOOL</u>	Genesis Eforce S45 or equivalent STATE BRAND NAME, MAKE AND MODEL	
	As a major component of this specified rescue tool system, this hydraulic spreader tool shall be designed in accordance with modern manufacturing techniques, and shall use materials of high strength and lightweight. STATE DETAILS	
<u>D2. Weight an Dimension</u>	The hydraulic spreading tool shall weigh a maximum of 47.2 lbs / 21.4 kg. This shall be a “wet” weight, and shall include the complete spreader and battery. STATE DETAILS	
	The hydraulic spreading tool shall be a maximum of 36.8 inches / 934 mm in length, and a maximum of 8.5 inches / 215 mm in width. The width dimension is measured in the fully closed position and includes the handle. STATE DETAILS	

PART C – REQUIREMENTS

DESCRIPTION	CITY OF RICHMOND REQUIREMENTS	BIDDERS TO DESCRIBE ITEMS QUOTED
<u>D3. Finish</u>	The hydraulic spreading tool may have an anodized/powder coat finish. STATE DETAILS	
<u>D4. Performance</u>	The hydraulic spreading tool shall have a minimum open distance of 24 inches / 620 mm. STATE DETAILS	
<u>D5. NFPA Compliance</u>	The hydraulic spreader shall be third party tested and certified to NFPA 1936 (latest edition). The manufacturer shall provide documentation of this certification. STATE DETAILS	
	The hydraulic spreader shall have a minimum of 29,674 lbs / 132 kg of force when measured at the base of the spreading tips with the arms 99% open. STATE DETAILS	
<u>D6. Spread Force</u>	The hydraulic spreader tool shall have a minimum NFPA <u>Lowest</u> Spreading Force (LSF) of 11,250 lbs / 50 kg of force per third party testing and in compliance with NFPA 1936. STATE DETAILS	
	The hydraulic spreader tool shall have a minimum NFPA <u>Highest</u> Spreading Force (HSF) of 13,455 lbs / 59.8 kg of force per third party testing and in compliance with NFPA 1936. STATE DETAILS	

PART C – REQUIREMENTS

DESCRIPTION	CITY OF RICHMOND REQUIREMENTS	BIDDERS TO DESCRIBE ITEMS QUOTED
	<p>The hydraulic spreader tool shall have a minimum NFPA Lowest Pulling Force (LPF) of 8,887 lbs / 39.5 kg of force per third party testing and in compliance with NFPA 1936. STATE DETAILS</p>	
	<p>The hydraulic spreader tool shall have a minimum NFPA Highest Pulling Force (HPF) of 10,935 lbs/ 48.6 kg of force per third party testing and in compliance with NFPA 1936. STATE DETAILS</p>	
	<p>Documentation from the manufacturer shall be submitted with the bid and include all NFPA 3rd party performance data (HSF, LSF, HPF, LPF, etc). In addition to manufacturer logo, the documentation shall include name or logo of testing company. STATE DETAILS</p>	
<p><u>D7. Spreading Control Mechanism</u></p>	<p>This control valve shall have a finger lever “deadman” control characteristics, which is located on the handle itself, for ease of operating tool with index finger and thumb while maintaining full grip of control handle. STATE DETAILS</p>	
	<p>The finger control shall be spring loaded in such a way to allow the control valve to return to the “stop” position when the control valve is released. Return spring shall be an internal type, and not exposed to moisture. STATE DETAILS</p>	

PART C – REQUIREMENTS

DESCRIPTION	CITY OF RICHMOND REQUIREMENTS	BIDDERS TO DESCRIBE ITEMS QUOTED
<u>D8. Battery and Motor Housing</u>	The hydraulic spreader tool shall be equipped with an over-pressurization relief valve. STATE DETAILS	
	Motor housing shall be fully enclosed with no vents to prevent moisture to affect electrical components. STATE DETAILS	
	Housing shall allow rear battery attachment to housing with no obstruction to read battery life displayed by LED on battery. STATE DETAILS	
	Battery shall be a 28v Lith-Ion battery designed for optimum performance and be available for purchase at any City of Richmond home improvement retailer (eg: Home Depot, Lowes etc.). STATE DETAILS	
	Battery shall be commercially available. Battery warranty shall have a 3 (three) years life from date of purchase and be free from any manufacture defect. STATE DETAILS	
<u>D9. Spreader Tool Handles</u>	There shall be a minimum of 2 (two) handles. 1 (one) handle shall extend horizontally across the base of the spreader’s arms, and the other, be fixed at the top handle. STATE DETAILS	

PART C – REQUIREMENTS

DESCRIPTION	CITY OF RICHMOND REQUIREMENTS	BIDDERS TO DESCRIBE ITEMS QUOTED
	The spreader tool shall have 12 (one) additional handle extending down the side of the spreader, and it shall move, to reduce the overall width of the spreader when not in use. STATE DETAILS	
	The control valve shall be able to be used with one hand. STATE DETAILS	
<u>E1. Misc</u>	The components and optional items shall be stock items or readily available. If purchased components and optional items are in need of repair, the same components and items shall be delivered to No 1 Fire Hall (6960 Gilbert Road, Richmond, BC), in a no-charge loaner capacity, within 2 (two) days of notification from a City of Richmond staff	
	2 (two) sets of owner’s manuals including instructions on safety warnings, and regular maintenance STATE DETAILS	
<u>F7. Delivery</u>	Delivery will not exceed sixteen (16) weeks from award date.	

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:

(Note: detailed breakdown sheet of option pricing should be completed)

DESCRIPTION	UNIT COST
Genesis Eforce 17c or equivalent	\$ _____
Genesis 21/36 Eforce Ram or equivalent	\$ _____
Genesis Eforce C185 NexGen or equivalent	\$ _____
Genesis Eforce S45 or equivalent	\$ _____
Subtotal	\$ _____
Provincial Services Tax (PST)	\$ _____
Goods and Services Tax (GST)	\$ _____
Total Cost	\$ _____

The above price includes and covers duties, handling and transportation charges, and all other charges incidental to and forming part of this Quotation including taxes.

PART D – QUOTATION FORM

TERMS:

PAYMENT TERMS _____% discount if invoice paid within _____ days
(Otherwise Net 30 days from acceptance of the equipment)

ADDENDA:

The City may issue and Addendum. It is requested that receipt of any Addenda be acknowledged as follows:

I/We acknowledge receipt of the following applicable Addenda to the Request for Quotation:

ADDENDUM	DATE OF ADDENDUM	FROM PAGES	TO PAGES
Addendum # 1			
Addendum # 2			
Addendum # 3			

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

Goods are required to be on-site at Fire Hall No 1, within 16 (sixteen) weeks from award date.

Name of Bidder: _____

Address: _____

Telephone No: _____

Name, Signature, and
Title of Signing Officer: _____

Date: _____

E-mail: _____

Web Address: _____

Initials of Signing Officer