

THE CITY OF WINNIPEG

BID OPPORTUNITY

BID OPPORTUNITY NO. 653-2011

SUPPLY AND DELIVERY OF SOFT BODY ARMOUR LEVEL 111 A - GENERAL PATROL

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PART B - BIDDING PROCEDURES

B1. CONTRACT TITLE

B1.1 SUPPLY AND DELIVERY OF SOFT BODY ARMOUR LEVEL 111 A - GENERAL PATROL

B2. SUBMISSION DEADLINE

- B2.1 The Submission Deadline is 4:00 p.m. Winnipeg time, August 18, 2011.
- B2.2 Bids determined by the Manager of Materials to have been received later than the Submission Deadline will not be accepted and will be returned upon request.
- B2.3 The Contract Administrator or the Manager of Materials may extend the Submission Deadline by issuing an addendum at any time prior to the time and date specified in B2.1.

B3. ENQUIRIES

- B3.1 All enquiries shall be directed to the Contract Administrator identified in D4.1.
- B3.2 If the Bidder finds errors, discrepancies or omissions in the Bid Opportunity, or is unsure of the meaning or intent of any provision therein, the Bidder shall promptly notify the Contract Administrator of the error, discrepancy or omission at least five (5) Business Days prior to the Submission Deadline.
- B3.3 If the Bidder is unsure of the meaning or intent of any provision therein, the Bidder should request clarification as to the meaning or intent prior to the Submission Deadline.
- B3.4 Responses to enquiries which, in the sole judgment of the Contract Administrator, require a correction to or a clarification of the Bid Opportunity will be provided by the Contract Administrator to all Bidders by issuing an addendum.
- B3.5 Responses to enquiries which, in the sole judgment of the Contract Administrator, do not require a correction to or a clarification of the Bid Opportunity will be provided by the Contract Administrator only to the Bidder who made the enquiry.
- B3.6 The Bidder shall not be entitled to rely on any response or interpretation received pursuant to B3 unless that response or interpretation is provided by the Contract Administrator in writing.

B4. ADDENDA

- B4.1 The Contract Administrator may, at any time prior to the Submission deadline, issue addenda correcting errors, discrepancies or omissions in the Bid Opportunity, or clarifying the meaning or intent of any provision therein.
- B4.2 The Contract Administrator will issue each addendum at least two (2) Business Days prior to the Submission Deadline, or provide at least two (2) Business Days by extending the Submission Deadline.
- B4.2.1 Addenda will be available on the Bid Opportunities page at The City of Winnipeg, Corporate Finance, Materials Management Division website at <u>http://www.winnipeg.ca/matmgt/bidopp.asp</u>
- B4.2.2 The Bidder is responsible for ensuring that he has received all addenda and is advised to check the Materials Management Division website for addenda regularly and shortly before the Submission Deadline, as may be amended by addendum.
- B4.3 The Bidder shall acknowledge receipt of each addendum in Paragraph 8 of Form A: Bid. Failure to acknowledge receipt of an addendum may render a Bid non-responsive.

B5. SUBSTITUTES

- B5.1 The Work is based on the materials, equipment, methods and products specified in the Bid Opportunity.
- B5.2 Substitutions shall not be allowed unless application has been made to and prior approval has been granted by the Contract Administrator in writing.
- B5.3 Requests for approval of a substitute will not be considered unless received in writing by the Contract Administrator at least seven (7) Business Days prior to the Submission Deadline.
- B5.4 The Bidder shall ensure that any and all requests for approval of a substitute:
 - (a) provide sufficient information and details to enable the Contract Administrator to determine the acceptability of the material, equipment, method or product as either an approved equal or alternative;
 - (b) identify any and all changes required in the applicable Work, and all changes to any other Work, which would become necessary to accommodate the substitute;
 - (c) identify any anticipated cost or time savings that may be associated with the substitute;
 - (d) certify that, in the case of a request for approval as an approved equal, the substitute will fully perform the functions called for by the general design, be of equal or superior substance to that specified, is suited to the same use and capable of performing the same function as that specified and can be incorporated into the Work, strictly in accordance with the Contract;
 - (e) certify that, in the case of a request for approval as an approved alternative, the substitute will adequately perform the functions called for by the general design, be similar in substance to that specified, is suited to the same use and capable of performing the same function as that specified and can be incorporated into the Work, strictly in accordance with the Contract.
- B5.5 The Contract Administrator, after assessing the request for approval of a substitute, may in his sole discretion grant approval for the use of a substitute as an "approved equal" or as an "approved alternative", or may refuse to grant approval of the substitute.
- B5.6 The Contract Administrator will provide a response in writing, at least two (2) Business Days prior to the Submission Deadline, only to the Bidder who requested approval of the substitute.
- B5.6.1 The Bidder requesting and obtaining the approval of a substitute shall be entirely responsible for disseminating information regarding the approval to any person or persons he wishes to inform.
- B5.7 If the Contract Administrator approves a substitute as an "approved equal", any Bidder may use the approved equal in place of the specified item.
- B5.8 If the Contract Administrator approves a substitute as an "approved alternative", any Bidder bidding that approved alternative may base his Total Bid Price upon the specified item but may also indicate an alternative price based upon the approved alternative. Such alternatives will be evaluated in accordance with B13.
- B5.9 No later claim by the Contractor for an addition to the price(s) because of any other changes in the Work necessitated by the use of an approved equal or an approved alternative will be considered.
- B5.10 Notwithstanding B5.2 to B5.9, and in accordance with B6.7, deviations inconsistent with the Bid Opportunity document shall be evaluated in accordance with B13.1(a).

B6. BID SUBMISSION

B6.1 The Bid shall consist of the following components:

- (a) Form A: Bid;
- (b) Form B: Prices;
- B6.2 Further to B6.1, the Bidder should include the written correspondence from the Contract Administrator approving a substitute in accordance with B5.
- B6.3 All components of the Bid shall be fully completed or provided, and submitted by the Bidder no later than the Submission Deadline, with all required entries made clearly and completely, to constitute a responsive Bid.
- B6.4 The Bid Submission may be submitted by mail, courier or personal delivery, or by facsimile transmission.
- B6.5 If the Bid Submission is submitted by mail, courier or personal delivery, it shall be enclosed and sealed in an envelope clearly marked with the Bid Opportunity number and the Bidder's name and address, and shall be submitted to:

The City of Winnipeg Corporate Finance Department Materials Management Division 185 King Street, Main Floor Winnipeg MB R3B 1J1

- B6.5.1 Samples or other components of the Bid Submission which cannot reasonably be enclosed in the envelope may be packaged separately, but shall be clearly marked with the Bid Opportunity number, the Bidder's name and address, and an indication that the contents are part of the Bidder's Bid Submission.
- B6.6 Bidders are advised not to include any information/literature except as requested in accordance with B6.1.
- B6.7 Bidders are advised that inclusion of terms and conditions inconsistent with the Bid Opportunity document, including the General Conditions, will be evaluated in accordance with B13.1(a).
- B6.8 If the Bid Submission is submitted by facsimile transmission, it shall be submitted to (204) 949-1178.
- B6.8.1 The Bidder is advised that the City cannot take responsibility for the availability of the facsimile machine at any time.
- B6.9 Bids submitted by internet electronic mail (e-mail) will not be accepted.

B7. BID

- B7.1 The Bidder shall complete Form A: Bid, making all required entries.
- B7.2 Paragraph 2 of Form A: Bid shall be completed in accordance with the following requirements:
 - (a) if the Bidder is a sole proprietor carrying on business in his own name, his name shall be inserted;
 - (b) if the Bidder is a partnership, the full name of the partnership shall be inserted;
 - (c) if the Bidder is a corporation, the full name of the corporation shall be inserted;
 - (d) if the Bidder is carrying on business under a name other than his own, the business name and the name of every partner or corporation who is the owner of such business name shall be inserted.
- B7.2.1 If a Bid is submitted jointly by two or more persons, each and all such persons shall identify themselves in accordance with B7.2.
- B7.3 In Paragraph 3 of Form A: Bid, the Bidder shall identify a contact person who is authorized to represent the Bidder for purposes of the Bid.

- B7.4 Paragraph 10 of Form A: Bid shall be signed in accordance with the following requirements:
 - (a) if the Bidder is a sole proprietor carrying on business in his own name, it shall be signed by the Bidder;
 - (b) if the Bidder is a partnership, it shall be signed by the partner or partners who have authority to sign for the partnership;
 - (c) if the Bidder is a corporation, it shall be signed by its duly authorized officer or officers and the corporate seal, if the corporation has one, should be affixed;
 - (d) if the Bidder is carrying on business under a name other than his own, it shall be signed by the registered owner of the business name, or by the registered owner's authorized officials if the owner is a partnership or a corporation.
- B7.4.1 The name and official capacity of all individuals signing Form A: Bid should be printed below such signatures.
- B7.5 If a Bid is submitted jointly by two or more persons, the word "Bidder" shall mean each and all such persons, and the undertakings, covenants and obligations of such joint Bidders in the Bid and the Contract, when awarded, shall be both joint and several.

B8. PRICES

- B8.1 The Bidder shall state a price in Canadian funds for each item of the Work identified on Form B: Prices.
- B8.1.1 Prices on Form B: Prices shall include:
 - (a) duty;
 - (b) freight and cartage;
 - (c) Provincial and Federal taxes [except the Goods and Services Tax (GST) and Manitoba Retail Sales Tax (MRST, also known as PST), which shall be extra where applicable] and all charges governmental or otherwise paid;
 - (d) profit and all compensation which shall be due to the Contractor for the Work and all risks and contingencies connected therewith.
- B8.2 The quantities listed on Form B: Prices are to be considered approximate only. The City will use said quantities for the purpose of comparing Bids.
- B8.3 The quantities for which payment will be made to the Contractor are to be determined by the Work actually performed and completed by the Contractor, to be measured as specified in the applicable Specifications.

B9. QUALIFICATION

- B9.1 The Bidder shall:
 - (a) undertake to be in good standing under The Corporations Act (Manitoba), or properly registered under The Business Names Registration Act (Manitoba), or otherwise properly registered, licensed or permitted by law to carry on business in Manitoba, or if the Bidder does not carry on business in Manitoba, in the jurisdiction where the Bidder does carry on business; and
 - (b) be financially capable of carrying out the terms of the Contract; and
 - (c) have all the necessary experience, capital, organization, and equipment to perform the Work in strict accordance with the terms and provisions of the Contract.
- B9.2 The Bidder and any proposed Subcontractor (for the portion of the Work proposed to be subcontracted to them) shall:
 - (a) be responsible and not be suspended, debarred or in default of any obligations to the City. A list of suspended or debarred individuals and companies is available on the Information

Connection page at The City of Winnipeg, Corporate Finance, Materials Management Division website at http://www.winnipeg.ca/matmgt/debar.stm

- B9.3 The Bidder and/or any proposed Subcontractor (for the portion of the Work proposed to be subcontracted to them) shall:
 - (a) have successfully carried out work similar in nature, scope and value to the Work; and
 - (b) be fully capable of performing the Work required to be in strict accordance with the terms and provisions of the Contract; and
 - (c) have a written workplace safety and health program, if required, pursuant to The Workplace Safety and Health Act (Manitoba);
- B9.4 The Bidder shall submit, within five (5) Business Days of a request by the Contract Administrator, proof satisfactory to the Contract Administrator of the qualifications of the Bidder and of any proposed Subcontractor.
- B9.4.1 The Bidder shall provide representative samples of the goods offered, as described in E1, for detailed inspection and approval.
- B9.4.2 Failure to supply the sample unit(s) within the time period stated inB9.4 may result in the bid being determined to be non-responsive.
- B9.4.3 The Bidder shall be responsible for all freight costs associated with the delivery and return of samples.
- B9.5 The Bidder shall provide, on the request of the Contract Administrator, full access to any of the Bidder's equipment and facilities to confirm, to the Contract Administrator's satisfaction, that the Bidder's equipment and facilities are adequate to perform the Work.

B10. OPENING OF BIDS AND RELEASE OF INFORMATION

- B10.1 Bids will not be opened publicly.
- B10.2 Following the Submission Deadline, the names of the Bidders and their bid prices (unevaluated, and pending review and verification of conformance with requirements or evaluated prices) will be available on the Closed Bid Opportunities (or Public/Posted Opening & Award Results) page at The City of Winnipeg, Corporate Finance, Materials Management Division website at http://www.winnipeg.ca/matmgt
- B10.3 After award of Contract, the name(s) of the successful Bidder(s) and the Contract amount(s) will be available on the Closed Bid Opportunities (or Public/Posted Opening & Award Results) page at The City of Winnipeg, Corporate Finance, Materials Management Division website at <u>http://www.winnipeg.ca/matmgt</u>
- B10.4 The Bidder is advised that any information contained in any Bid may be released if required by City policy or procedures, by The Freedom of Information and Protection of Privacy Act (Manitoba), by other authorities having jurisdiction, or by law.

B11. IRREVOCABLE BID

- B11.1 The Bid(s) submitted by the Bidder shall be irrevocable for the time period specified in Paragraph 9 of Form A: Bid.
- B11.2 The acceptance by the City of any Bid shall not release the Bids of the next two lowest evaluated responsive Bidders and these Bidders shall be bound by their Bids on such Work for the time period specified in Paragraph 9 of Form A: Bid.

B12. WITHDRAWAL OF BIDS

- B12.1 A Bidder may withdraw his Bid without penalty by giving written notice to the Manager of Materials at any time prior to the Submission Deadline.
- B12.1.1 Notwithstanding C21, the time and date of receipt of any notice withdrawing a Bid shall be the time and date of receipt as determined by the Manager of Materials.
- B12.1.2 The City will assume that any one of the contact persons named in Paragraph 3 of Form A: Bid or the Bidder's authorized representatives named in Paragraph 10 of Form A: Bid, and only such person, has authority to give notice of withdrawal.
- B12.1.3 If a Bidder gives notice of withdrawal prior to the Submission Deadline, the Manager of Materials will:
 - (a) retain the Bid until after the Submission Deadline has elapsed;
 - (b) open the Bid to identify the contact person named in Paragraph 3 of Form A: Bid and the Bidder's authorized representatives named in Paragraph 10 of Form A: Bid; and
 - (c) if the notice has been given by any one of the persons specified in B12.1.3(b), declare the Bid withdrawn.
- B12.2 A Bidder who withdraws his Bid after the Submission Deadline but before his Bid has been released or has lapsed as provided for in B11.2 shall be liable for such damages as are imposed upon the Bidder by law and subject to such sanctions as the Chief Administrative Officer considers appropriate in the circumstances. The City, in such event, shall be entitled to all rights and remedies available to it at law.

B13. EVALUATION OF BIDS

- B13.1 Award of the Contract shall be based on the following bid evaluation criteria:
 - (a) compliance by the Bidder with the requirements of the Bid Opportunity, or acceptable deviation therefrom (pass/fail);
 - (b) qualifications of the Bidder and the Subcontractors, if any, pursuant to B9 (pass/fail);

(c)	evaluation of design	(30%)
(_l)		(700/)

- (d) Bid Price (70%)
- (e) economic analysis of any approved alternative pursuant to B5.
- B13.2 Further to B13.1(a), the Award Authority may reject a Bid as being non-responsive if the Bid Submission is incomplete, obscure or conditional, or contains additions, deletions, alterations or other irregularities. The Award Authority may reject all or any part of any Bid, or waive technical requirements or minor informalities or irregularities if the interests of the City so require.
- B13.3 Further to B13.1(b), the Award Authority shall reject any Bid submitted by a Bidder who does not demonstrate, in his Bid or in other information required to be submitted, that he is responsible and qualified.
- B13.4 Further to B13.1(c), the evaluation of design shall be a comparison of weight (areal density) per lb/ft², thickness of the vest, and overall shape. Vests that score below fifteen (15%) percent shall not be evaluated.
- B13.5 Further to B13.1(d), the Bid Price shall be the sum of the quantities multiplied by the unit prices for each item shown on Form B: Prices.
- B13.6 This Contract will be awarded as a whole.

B14. AWARD OF CONTRACT

- B14.1 The City will give notice of the award of the Contract or will give notice that no award will be made.
- B14.2 The City will have no obligation to award a Contract to a Bidder, even though one or all of the Bidders are determined to be responsible and qualified, and the Bids are determined to be responsive.
- B14.2.1 Without limiting the generality of B14.2, the City will have no obligation to award a Contract where:
 - (a) the prices exceed the available City funds for the Work;
 - (b) the prices are materially in excess of the prices received for similar work in the past;
 - (c) the prices are materially in excess of the City's cost to perform the Work, or a significant portion thereof, with its own forces;
 - (d) only one Bid is received; or
 - (e) in the judgment of the Award Authority, the interests of the City would best be served by not awarding a Contract.
- B14.3 Where an award of Contract is made by the City, the award shall be made to the responsible and qualified Bidder submitting the lowest evaluated responsive Bid, in accordance with B13.
- B14.3.1 Following the award of contract, a Bidder will be provided with information related to the evaluation of his Bid upon written request to the Contract Administrator.
- B14.4 Notwithstanding C4 and Paragraph 6 of Form A:Bid, the City will issue a purchase order to the successful Bidder in lieu of the execution of a Contract.
- B14.5 The Contract Documents, as defined in C1.1(n)(ii), in their entirety shall be deemed to be incorporated in and to form a part of the purchase order notwithstanding that they are not necessarily attached to or accompany said purchase order.

PART C - GENERAL CONDITIONS

C0. GENERAL CONDITIONS

- C0.1 The *General Conditions for the Supply of Goods* (Revision 2008 05 26) are applicable to the Work of the Contract.
- C0.1.1 The General Conditions for the Supply of Goods are available on the Information Connection page at The City of Winnipeg, Corporate Finance, Materials Management Division website at <u>http://www.winnipeg.ca/matmgt/gen_cond.stm</u>
- C0.2 A reference in the Bid Opportunity to a section, clause or subclause with the prefix "**C**" designates a section, clause or subclause in the *General Conditions for Supply of Goods*.

PART D - SUPPLEMENTAL CONDITIONS

GENERAL

D1. GENERAL CONDITIONS

D1.1 In addition to the *General Conditions for the Supply of Goods*, these Supplemental Conditions are applicable to the Work of the Contract.

D2. SCOPE OF WORK

- D2.1 The Work to be done under the Contract shall consist of the supply and delivery of Level III a Soft Body Armour from the period of award until August 31, 2012, with the option of three (3) mutually agreed upon one (1) year extensions.
- D2.1.1 The City may negotiate the extension option with the Contractor within sixty (60) Calendar Days prior to the expiry date of the Contract. The City shall incur no liability to the Contractor as a result of such negotiations.
- D2.1.2 Changes resulting from such negotiations shall become effective on September 1st of the respective year. Changes to the Contract shall not be implemented by the Contractor without written approval by the Contract Administrator.
- D2.2 The major components of the Work are as follows:
 - (a) The Contractor shall individually measure and fit Winnipeg Police service Members in Winnipeg. For details see E3
 - (b) Supply of Soft Body Armour Vests (Male and Female), each set shall consist of:
 - (i) One (1) set of ballistic panels E4;
 - (ii) One (1) internal carrier E5;
 - (iii) One (1) external carrier E6.
- D2.3 The Work shall be done on a scheduled basis during the term of the Contract, for details see D8.1.1
- D2.4 The Work shall be done on an "as required" basis during the term of the Contract.
- D2.4.1 The type and quantity of Work to be performed under this Contract shall be as authorized from time to time by the Contract Administrator and/or Users.
- D2.4.2 Notwithstanding C7, the City shall have no obligation under the Contract to purchase any quantity of any item in excess of its actual operational requirements.

D3. DEFINITIONS

- D3.1 When used in this Bid Opportunity:
 - (a) "Hook and Loop Velcro" means the hook and loop shall be black in colour. The loop to be standard Velcro pile no. 001, 0199 or 3M Scotchmate SJ33402. the hook shall be Velcro no. 80, 0199 or 3M Scotchmate SJ3402;
 - (b) "JIT" means Justice Institute of Technology;
 - (c) "NIJ" means National Institute of Justice;
 - (d) "NLECTC" means the National Law Enforcement and Corrections Technology Centre.

D4. CONTRACT ADMINISTRATOR

D4.1 The Contract Administrator is:

Craig Davill, CIM, CPP

Winnipeg Police Service Quartermaster Stores Unit 472 Notre Dame Avenue Winnipeg, MB R3C 1R5

Telephone No.: (204) 986-6141

D5. NOTICES

D5.1 Notwithstanding C21.3, all notices of appeal to the Chief Administrative Officer shall be sent to the attention of the Chief Financial Officer at the following facsimile number:

The City of Winnipeg Chief Financial Officer

Facsimile No.: (204) 949-1174

SUBMISSIONS

D6. AUTHORITY TO CARRY ON BUSINESS

D6.1 The Contractor shall be in good standing under The Corporations Act (Manitoba), or properly registered under The Business Names Registration Act (Manitoba), or otherwise properly registered, licensed or permitted by law to carry on business in Manitoba, or if the Contractor does not carry on business in Manitoba, in the jurisdiction where the Contractor does carry on business, throughout the term of the Contract, and shall provide the Contract Administrator with evidence thereof upon request.

SCHEDULE OF WORK

D7. COMMENCEMENT

- D7.1 The Contractor shall not commence any Work until he is in receipt of a notice of award from the City authorizing the commencement of the Work.
- D7.2 The Contractor shall not commence any Work until:
 - (a) the Contract Administrator has confirmed receipt and approval of:
 - (i) evidence of authority to carry on business specified in D6;
 - (b) The Contractor has attended a meeting with the Contract Administrator, or the Contract Administrator has waived the requirement for a meeting.

D8. PACKAGING AND DELIVERY

D8.1 Goods shall be delivered on an "as scheduled" basis during the term of the Contract, f.o.b. destination, freight prepaid, to

Winnipeg Police Service Quartermaster Stores Unit 472 Notre Dame Avenue Winnipeg MB R3B 1R5

D8.1.1 Scheduled dates where measurements will be required to be taken by the contractor shall correspond with existing Winnipeg Police Service recruit Training. To ensure processes are not disrupted, all Soft Body Armour Vests shall be completed within the following schedule.

- (a) Recruit Vests shall be delivered within thirty (30) calendar days after date of measurement. The Standard Recruit class is between twenty-four to fifty (24 and 50) members.
- (b) Balance of body armour shall be shipped within ninety(90) Calendar Day(s) of the placing of an order, unless otherwise allowed by the User at the time of ordering
- D8.2 Each vest must be packaged individually in a protective plastic bag and shipped in a specially designed protective cardboard box. A packing skip shall be enclosed showing the contents of each shipment
- D8.3 The Contractor shall confirm each delivery with the Contract Administrator or his/her designate, at least two (2) Business Days before delivery.
- D8.4 Goods shall be delivered between 8:00 a.m. and 4:00 p.m. on Business Days
- D8.5 The Contractor shall off-load goods as directed at the delivery location.

D9. ORDERS

D9.1 The Contractor shall provide a local Winnipeg telephone number or a toll-free telephone number at which orders for delivery may be placed.

D10. RECORDS

- D10.1 The Contractor shall keep detailed records of the goods supplied under the Contract.
- D10.2 The Contractor shall record, as a minimum, for each item listed on Form B: Prices:
 - (a) user name(s) and addresses;
 - (b) order date(s);
 - (c) delivery date(s); and
 - (d) description and quantity of goods supplied.
- D10.3 The Contractor shall provide the Contract Administrator with a copy of the usage records for each year within thirty (30) Calendar Days of the end of year one (1) and within thirty (30) Calendar Days at the end of any Contract extension period should the Contract be extended..

MEASUREMENT AND PAYMENT

D11. INVOICES

D11.1 Further to C10, the Contractor shall submit an invoice for each order delivered to:

The City of Winnipeg Corporate Finance - Accounts Payable 4th Floor, Administration Building, 510 Main Street Winnipeg MB R3B 1B9

Facsimile No.: (204) 949-0864 Email: <u>CityWpgAP@winnipeg.ca</u>

- D11.2 Invoices must clearly indicate, as a minimum:
 - (a) the City's purchase order number;
 - (b) date of delivery;
 - (c) delivery address;
 - (d) type and quantity of goods delivered;
 - (e) the amount payable with GST and MRST shown as separate amounts; and

- (f) the Contractor's GST registration number.
- D11.3 The City will bear no responsibility for delays in approval of invoices which are improperly submitted.
- D11.4 Bids Submissions must be submitted to the address in B6.5

D12. PAYMENT

- D12.1 Further to C10, payment shall be in Canadian funds net thirty (30) Calendar Days after receipt and approval of the Contractor's invoice.
- D12.2 Further to C10, the City may at its option pay the Contractor by direct deposit to the Contractor's banking institution.

WARRANTY

D13. WARRANTY

D13.1 Notwithstanding C11, the bidder shall warranty each ballistic panel will provide protection as stated on the protective panel label and to be free of defects in material and workmanship for a period of five (5) years from the date of purchase. The City of Winnipeg reserves the right to test any armour purchased at an independent laboratory to confirm that the vests pass NIJ standards. The Contractor shall be responsible to pay for all tests where failure occurs and for replacement of all body armour from that deficient shipment.

PART E - SPECIFICATIONS

GENERAL

E1. APPLICABLE SPECIFICATIONS AND DRAWINGS

- E1.1 These Specifications shall apply to the Work.
- E1.2 The following are applicable to the Work:

Specification No. Specification Title

NIJ standard	Ballistic Resistance of Personal Body Armor
0101.06	https://www.ncjrs.gov/pdffiles1/nij/223054.pdf

Drawing No. Drawing Name/Title

E7.2	Drawing 1 – external Carrier - Front
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- E7.3 Drawing 2 External Carrier Rear
- E7.4 Drawing 3 External Carrier Suspender Configuration
- E1.3 Bidders are reminded that requests for approval of substitutes as an approved equal or an approved alternative shall be made in accordance with B5.

E2. GENERAL REQUIREMENTS

- E2.1 The Contractor shall supply soft body armour vests and shall govern the manufacture and inspection of soft body armour vests, male and female in accordance with the requirements hereinafter specified.
- E2.2 These specifications, schedules, drawings or other information issued in connection therewith, may only be used for specific enquires, tenders, quotations, or orders placed on behalf of the Winnipeg Police Service.
- E2.3 The article or material covered by this specification shall be free from imperfections or blemishes such as may affect its appearance or serviceability. All workmanship is to be of first quality. No defect that might affect the performance, wear ability, or durability of the vest will be tolerated. The City of Winnipeg shall have the sole right to determine if this and all other requirements have been met.
- E2.4 Soft Body Armour panels manufactured to this specification shall be certified by NLECTC to Level III a NIJ Standard 0101.06 and all lesser Ballistic threats, and further to E2.3 shall be free from imperfections, wrinkles, blisters, cracks, fabric tears, blemishes such as may adversely affect its wear, appearance, and or serviceability.
- E2.5 Vests shall consist of one (1) set of panels, and two (2) carriers, one to be worn under the uniform shirt (internal) and one to be worn over top of the uniform shirt (external). Each carrier shall be capable of containing a front and rear ballistic panel described below. The ballistic panels shall be able to be removed to allow for cleaning. Both internal and external carriers are to be designed to be washed and the ballistic panels are to be designed to be wiped clean.

E3. SIZING AND FITTING

E3.1 Male and Female sizes – the contractor shall be required to individually size and fit all garments to male and female members at:

Winnipeg Police Service Quartermaster Stores Unit 472 Notre Dame Avenue Winnipeg, MB, R3B 1R5

- E3.2 Further to E3.1, the Contract Administrator shall pre-determine the measurement dates of two (2) separate weeks for Soft body Armour Measuring per year, each week to consist of a consecutive Monday through Friday, 9:00 a.m. through 3:00 p.m. These measurement weeks shall be spaced out at an approximate ratio of one (1) week per six month period. Notification of the measurement dates required shall be provided to the Contractor at the commencement of each calendar year of the contract.
- E3.3 Initial fit of custom-measured vests shall be guaranteed to fit satisfactorily on delivery. The Contractor shall agree to provide alterations or free replacement, until the wearer is satisfied, all sizing and fitting shall be conducted at the Contractor's expense.
- E3.4 **IMPORTANT:** Delivery for these measurement shall be as per the schedule stated in D8.1.1

E4. ITEM NO. 1 – SOFT BODY ARMOUR PANELS:

- E4.1 Ballistic material shall contain a combination there of:
 - (a) Twaron Microfilament Flex Woven Aramid;
 - (b) Twaron LFT;
 - (c) Twaron Laminate.
- E4.2 Pad Cover shall be:
 - (a) Seam-sealed;
 - (b) Waterproof ripstop nylon.
- E4.3 Wight shall not exceed 1.23 lbs/ft².
- E4.4 Vest shall have a maximum density of 0.27 inches.
- E4.5 Each ballistic panel shall protect against type III a ballistic threats as specified in NIJ Standard 0101.06 Section 2.3 as well as all lesser threat levels mentioned in Sections 2.1 and 2.2.

E5. ITEM NO. 2 - INTERNAL SOFT BODY ARMOUR CARRIER:

- E5.1 Shall be made with a Lightweight Microfiber outer shell.
- E5.2 Shall be made with a Breeze Knit anti-microbial inner lining.
- E5.3 Shall be Moisture wicking, fast drying and odour inhibiting.
- E5.4 Shall contain double front plate pockets for 5" x 8" and 7" x 10" inch inserts.
- E5.5 Shall have eight (8) points of adjustment.
- E5.6 Shall have removable straps with Velcro closure.
 - (a) Four (4") inch wide side elastic straps;
 - (b) Two (2") inch wide shoulder elastic straps.
- E5.7 Shall contain shoulder epaulets to help hold straps and carrier in place.
- E5.8 Shall have Interior suspension system to stabilize ballistic pads.
- E5.9 Shall have tapered lower front corners for better, more comfortable fit.
- E5.10 Shall have Microfiber "wearstrip" on lower inside created for better durability.

- E5.11 Shall have a Zippered or Velcro closure.
- E5.12 Soft Body armour panels specified in E4 must fit within this carrier.
- E5.13 Navy in colour.

E6. ITEM NO. 3 - EXTERNAL SOFT BODY ARMOUR CARRIER (CUSTOM):

- E6.1 External Configuration to be as per drawing no. E7.2 and E7.3.
- E6.2 Soft Body armour panels specified in E4 must fit within this carrier.
 - (a) Cloth covered, black in colour, and shall meet the following specifications:
 - (i) 1000 denier cordura;
 - (ii) Weave plain;
 - (iii) 100% nylon.
 - (b) Minimum of eight (8 oz.) ounces per square yard;
 - (c) Straps shall be black ply pro webbing 2.5cm / one (1") inch) wide
 - (d) Strap buckle shall be a Trovato size release buckle one (1") inch or equivalent.
 Equivalency must be approved by the City of Winnipeg as stated in B5 of this document.
 - (e) Each vest shall be supplied with an external wear four (4) point adjustable carrier. The front and back carrier panels must have two (2) shoulder extensions. These extensions are to be equipped with a ten (10) cm / four (4") inch hook and loop closure system with the back panel extensions to overlap the front. Each back panel shoulder extension is to be equipped with 2.5 cm / one (1") inch) horizontal microphone straps. Each torso side area is also to be equipped with a 15 cm / six (6") inch hood and loop closure system with the back panel sides extending and overlapping the front.
 - (i) The carrier front is to have two (2) chest pockets with plastic zipper closures. Pockets shall be 13 cm / five (5") inch wide by 18 cm / seven (7") inch deep. The lift pocket will be equipped with a retractable drop down badge tab. This tab will be clearly marked with white "**POLICE**" lettering. This tab shall consist of two (2) piles of shell fabric measuring 10 cm / four (4") inch wide by 8 cm / three (3") inch high with finished edges. The right pocket will fit an officer's notebook and also have an insert to hold a pen or pencil.
 - (ii) <u>Note</u>: positioning of loop tape fasteners inside carrier to fasten the ballistic panel to the carrier is representational. Fasteners <u>must</u> line up with, and be the opposite style to the existing Velcro on the Soft Body Armour Panel specified in E4.
 - (iii) SUSPENDER CONFIGURATION
- E6.3 Suspender configuration shall be as per drawing E7.4;
 - (a) Two (2) black poly pro webbing straps shall be attached to the external carriers, both front and back sections, extending the full vertical length from shoulder to section pouch opening.
 - (i) The front carrier straps shall have previously been affixed, with stitching, pile type Velcro which will run from the neck opening to the panel pouch opening at its base on the front carrier.
 - (ii) The rear carrier strap shall have previously been affixed, with stitching; pile type Velcro with will run from an equidistant point parallel to the front carrier's Velcro to the panel pouch opening at the base of the carrier.

E6.4 SUSPENDER STRAP

- (a) Suspender strap shall be as per drawing E7.4;
- (b) Shall consist of black poly pro webbing, as specified in E6.2(c), this webbing shall be in two
 (2) parts;

- (i) Part one: four (4) vest straps will have the male portion of the strap buckle mentioned in E6.2(d) attached by X cross anchor stitching. The length of the strap shall be similar in length requirement of E6.3(a)(i)and E6.3(a)(ii). This strap shall be sewn with hook type Velcro. The intent of these straps are to attach to the straps previously mentioned in E6.2(e)(iii).
- (ii) Part two: four (4) vest straps shall have the female portion of the strap buckle mentioned in E6.2(d) attached by X cross anchor stitching. This strap shall be in a single loop with a 7.5 cm opening. This opening intent is to attach to the members service belt.

E7. DRAWINGS

E7.1 Applicable Specification and Drawings

E7.2 Drawing 1 External Carrier - Front



E7.3 Drawing 2 – External Carrier – Rear



