



RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Bid Receiving - PWGSC / Réception des
soumissions - TPSGC
11 Laurier St./ 11, rue Laurier
Place du Portage, Phase III
Core 0B2 / Noyau 0B2
Gatineau, Québec K1A 0S5
Bid Fax: (819) 997-9776

REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION

Proposal To: Public Works and Government
Services Canada

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

Proposition aux: Travaux Publics et Services
Gouvernementaux Canada

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments - Commentaires

Title - Sujet Vests, Soft Body Armour	
Solicitation No. - N° de l'invitation M0077-16J109/A	Date 2016-12-22
Client Reference No. - N° de référence du client M0077-16J109	
GETS Reference No. - N° de référence de SEAG PW-\$\$PR-757-72153	
File No. - N° de dossier pr757.M0077-16J109	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-01-31	
Time Zone Fuseau horaire Eastern Daylight Saving Time EDT	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Papineau (PR Div.), Alain	Buyer Id - Id de l'acheteur pr757
Telephone No. - N° de téléphone (613) 983-1927 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: ROYAL CANADIAN MOUNTED POLICE Uniform & Equipment Program 440 COVENTRY RD, EAST DOOR OTTAWA Ontario K1K2C4 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address

Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Clothing and Textiles Division / Division des vêtements et
des textiles
11 Laurier St./ 11, rue Laurier
6A2, Place du Portage
Gatineau, Québec K1A 0S5

Delivery Required - Livraison exigée See Herein	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

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PART 1 - GENERAL INFORMATION

1.1 Security Requirement

There is no security requirement associated with this bid solicitation.

1.2 Requirement

The "Requirement" is detailed in Annex A.

1.3 Debriefings

Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

1.4 Trade Agreements

The requirement is subject to the provisions of the Agreement on Internal Trade (AIT).

1.5 Canadian Content

This procurement is conditionally limited to Canadian goods

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual* (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The 2003 (2016/04/04) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of 2003, Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days
Insert: 120 days

2.2 Submission of Bids

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than seven (7) calendar days before the bid closing date. Enquiries received after that time may not be answered. Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by Bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all Bidders. Enquiries not submitted in a form that can be distributed to all Bidders may not be answered by Canada.

2.4 Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the Bidders.

2.5 Viewing Sample

Viewing sample may be viewed (by appointment only) at the following offices:

Public Works & Government Services Canada
Supply Directorate
6th floor
1550 ave D'Estimauville
Quebec, Que. G1J 0C7
TEL: 418-649-2714
FAX: 418-648-2209
Attention: Micheline Naud (micheline.naud@tpsgc-pwgsc.gc.ca)

Public Works & Government Services Canada
Place Bonaventure, South-East Portal
800 de La Gauchetière Street West, 7th Floor
Montreal, Quebec H5A 1L6
TEL: 514-496-3404
FAX: 514-496-3822
Attention: Viviane Rouhault (viviane.rouhault@tpsgc-pwgsc.gc.ca)

Public Works & Government Services Canada
Suite 480, 33 City Centre Drive
Mississauga, Ont. L5B 2N5
TEL: 905-615-2070
FAX 905-615-2023
Attention: **Rosy Gupta** (rosy.gupta@tpsgc-pwgsc.gc.ca)

Public Works & Government Services Canada
Suite 100, 167 Lombard Avenue
P.O. Box 1408
Winnipeg, Manitoba R3C 2Z1
TEL: 204-983-3774

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Buyer ID - Id de l'acheteur
PR757
CCC No./N° CCC - FMS No./N° VME

FAX: 204-983-7796
Attention: Bev Laurin (bev.laurin@tpsgc-pwgsc.gc.ca)

Public Works & Government Services Canada
Telus Plaza North
10025 Jasper Avenue, 5th Floor
Edmonton, AB T5J 1S6
TEL: (780) 497-3517
FAX: (780) 497-3510
Attention: Nicole Boucher (wst-pa-edm@tpsgc-pwgsc.gc.ca)

Public Works & Government Services Canada
Pacific Region, SOSB, Industrial & Commercial Products
219 - 800 Burrard Street
Vancouver, B.C V6Z 0B9
TEL: 604-775-7630
FAX: 604-775-7526
Attention: Linda Harding (linda.harding@pwgsc-tpsgc.gc.ca)

2.6 Specifications and Standards

2.6.1 Canadian General Standards Board (CGSB) - Standards

A copy of the CGSB Standards referred to in the bid solicitation is available and may be purchased from:

Canadian General Standards Board
Place du Portage III, 6B1
11 Laurier Street
Gatineau, Québec
Telephone: (819) 956-0425 or 1-800-665-CGSB (Canada only)
Fax: (819) 956-5740
E-mail: ncr.cgsb-onqc@pwgsc-tpsgc.gc.ca

CGSB Website: <http://www.tpsgc-pwgsc.gc.ca/onqc-cgsb/index-eng.html>

2.7 Transportation Costs Information

The Bidder is requested to provide the following information concerning transportation costs for the delivery of the units to destination:

- (a) shipping weight by unit; _____
- (b) number of items by unit; _____
- (c) cubic measurement by unit; _____
- (d) number of units per shipment: _____
- (e) name of shipping point; _____
- (f) recommended method of shipment and carrier _____
- (g) Unit cost per Destination
- (h) Total cost \$ _____

The Bidder must include all transportation costs in their bid unit price at Annex A.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

Canada requests that bidders provide their bid in separately bound sections as follows:

Section I: Technical Bid (3 hard copies)
Section II: Financial Bid (1 hard copy)
Section III: Certifications (1 hard copy)
Section IV: Additional Information (1 hard copy)

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

Canada requests that Bidders follow the format instructions described below in the preparation of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation;

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, Bidders should:

1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and

2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

3) Green Initiatives (for PWGSC information only)

Bidders are requested to provide details of their policies and practices in relation to the following initiatives:

- environmentally responsible manufacturing;
- environmentally responsible waste disposal;
- waste reduction;
- packaging;
- re-use strategies;- recycling.

Section I: Technical Bid

In their technical bid, Bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work (reference pre-award sample, Part 4, Evaluation Procedures, 4.1.1.1 Mandatory Technical Criteria)

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Applicable Taxes must be shown separately.

3.1.1

3.1.1 Electronic Payment of Invoices – Bid

RCMP will issue payment via direct deposit or payment by cheque only

3.1.2 Exchange Rate Fluctuation

C3011T 2013/11/06 Exchange Rate Fluctuation

Section III: Certifications

Bidders must submit the certifications and additional information required under Part 5.

Section IV: Additional Information

3.1.3. Origin of Work

For each line item, bidders must identify the name(s) of the country or countries where the apparel goods are cut (or knit to shape) and sewn, regardless of whether the work is to be performed by the Bidder or one of its subcontractor(s).

The following information must be provided for each location where any of the goods are cut (or knit to shape) or sewn:

Line Item number _____

Country: _____

(Bidders must add additional lines if there is more than one manufacturer or one country per line item.)

Bidders must immediately inform Canada in writing of any and all changes affecting the information provided under this clause during the entire bid validity period.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.
- (c) The evaluation team will determine first if there are two or more bids with a valid Canadian Content certification. In that event, the evaluation process will be limited to the bids with the certification; otherwise, all bids will be evaluated. If some of the bids with a valid certification are declared non-responsive, or are withdrawn, and less than two responsive bids with a valid certification remain, the evaluation will continue among those bids with a valid certification. If all bids with a valid certification are subsequently declared non-responsive, or are withdrawn, then all the other bids received will be evaluated.

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Criteria

Bidders must provide substantiation in detail as to how a mandatory criterion is met or provide cross-reference to identify the page(s) where a mandatory criterion is demonstrated in their technical offer. Canada reserves the right to verify any and all information submitted.

4.1.1.1.1 Experience

- a. The bidder must provide five (5) years of historical test reports showing the Aramid cloth's ballistic resistance.
- b. The bidder must provide two (2) references with contact names and contract numbers for police organization customers that will confirm the Aramid cloth submitted has been supplied to them for a minimum of five (5) years and performs as intended.

4.1.1.1.2 Pre-Award Sample and Supporting Documentation

As part of the technical evaluation, to confirm a Bidder's capability of meeting the technical requirements, one (1) pre-award sample of the item below along with test reports and certificates of compliance will be required from low bidders after the bid closing date and must be submitted within 35 calendar days, upon a written request from the contracting authority. The sample must be properly identified with the size and the RCMP stock-item number.

Item : Vest, Soft Body Armour
Size: 40-42 Reg
Stock #: 8052-200

A) PRE-AWARD SAMPLE

i) The requirement for a pre-award sample of the item may be waived if the Bidder has:

- a) supplied the item to the Royal Canadian Mounted Police (RCMP) in accordance with specification G.S. 1045-177 within the last three (3) years from the closing date of this document.

Please specify:

Item supplied: _____

Your previous Contract/Standing Offer number: _____

- b) submitted a pre-award sample of the item on a previous requirement to specification GS1045-177 and where the pre-award sample was found to be compliant. It is mandatory that a copy of the evaluation report be provided upon request from the Contracting Authority.

If a) or b) above has been met, the Bidder represents and warrants that no significant changes have occurred in their manufacturing processes, their organization or their sub-contractors' organization since the last award or pre-award qualification that could affect the manufacturing of the referenced item.

The Bidder must submit the pre-award sample if a waiver is not given. The Bidder will be advised when the pre-award sample, test reports *and* certificates of compliance are required.

- ii) The Bidder must ensure that the required pre-award sample is manufactured in accordance with the technical requirement and is fully representative of the bid submitted. Rejection of the pre-award sample will result in the bid being declared non-responsive.

iii) The Bidder must deliver the required pre-award sample, test reports *and* certificates of compliance at no charge to Canada and must ensure that they are received **within 35 calendar days** from PWGSC's written request.

Failure to submit the required pre-award sample, test reports *and* certificates of compliance within the specified time frame will result in the bid being declared non-responsive. The sample submitted by the Bidder will remain the property of Canada.

iv) The pre-award samples will be evaluated for quality of workmanship and conformance to specified materials and measurements. Minor observations will not be a reason to reject the sample unless, in the opinion of the technical evaluator, they are considered to render the item unserviceable. However, only one deviation will result in the bid being declared non-responsive.

v) Rejection of the pre-award sample, test reports or certificates of compliance will result in the bid being declared non-responsive.

vi) The requirement for pre-award samples, test reports and certificates of compliance will not relieve the successful bidder from submitting samples as required by the contract terms or from strictly adhering to the technical requirement of this Request for Proposal and any resultant contract.

A.1 Viewing Sample

An RCMP viewing sample will be provided to bidders who are requested to provide pre-award samples and are to be used for guidance for all factors not covered by the RCMP specification. The RCMP specification shall govern.

The viewing sample is not to be damaged or cut, but returned in the same condition as sent to the Bidder. The viewing sample should be returned to the RCMP with the pre-award samples. If the viewing sample is not returned with the pre-award sample(s), the Bidder will have fourteen (14) calendar days upon written notice from the Contracting Authority to return the viewing sample. Failure to return the viewing sample within that timeframe will result in the bid being declared non-responsive. Lost or damaged viewing samples must be reimbursed to the RCMP for the cost of an acceptable replacement.

A.2 Patterns

A base pattern will be provided to bidder(s) who will be required to submit a pre-award sample. The pattern is the property of the RCMP and must be returned to PWGSC with the pre-award sample. If a bidder fails to submit a pre-award sample within the specified time frame or chooses not to submit the pre-award sample, the pattern must be returned directly to the RCMP without delay.

B) CERTIFICATES OF COMPLIANCE:

The certificates of compliance (as defined hereunder) are required with the pre-award samples. The Certificate of compliance must be dated within 6 months of the solicitation posting date. The following Certificate are required:

- a. Ballistic cloth, paragraph 4.2.1 of the Specifications (Annex B).
- b. Pouch cloth, paragraph 4.2.2 of the Specifications (Annex B).
- c. Hook tape, paragraph 4.2.3 of the Specifications (Annex B).
- d. Thread, paragraph 4.2.4 of the Specifications (Annex B).
- e. Ballistic cloth (Material Data Sheet), paragraph 5.1.1 of the specification (Annex B).

CERTIFICATE OF COMPLIANCE-DEFINITION

i) A Certificate of Compliance is defined, for this document, as an original signed and dated certification to confirm that a specified component or requirement adheres to the specification. The certification must be prepared, signed and dated by an official representative of the component manufacturer using company letterhead making reference to the specification number and paragraph number. It must specifically address the component or requirement and compliance can be shown by referring to a part number, by providing the component values, by providing a manufacturing data sheet to show technical compliance or by a description stating compliance to the requirement. In-house testing is acceptable to show compliance. Copying the specification word for word is not acceptable.

ii) A separate certificate of compliance is required for each individual component or requirement. Multiple components supplied by the same component manufacturer may be submitted on one certificate of compliance as long as the paragraph numbers and components are clearly identified. With this document, the bidder certifies that the product for which the certificate of compliance is issued is the same product used in the bid submission, or in the pre-award samples or in the pre-production samples, or in the production units as applicable.

iii) The Bidder is to note that copies of invoices, purchase orders, packing slips and certificates of compliance for products or components that are not manufactured by the certifier are not suitable for use as a certificate of compliance.

C) TEST REPORT(S):

Test reports are required for the following properties. The test reports must be dated after the solicitation posting closing date
Test Report for 4 vests (front and back panel) in size 44-46 Regular shall be produced to meet the testing requirements in paragraph 5.1.2 of the specification.

TEST REPORT DEFINITION:

Test report documents signed and dated by an independent, third-party accredited laboratory acceptable to the RCMP must include the test method, test conditions and test results performed to verify requirements as specified in this specification. Testing for each table must be performed in its entirety on the same garment and/or piece of material to adhere to all specified test methods and conditions.

4.1.2 Financial Evaluation

4.1.2.1 Mandatory Financial Criteria

- a. The Bidder must submit firm unit prices in Canadian dollars, applicable taxes are excluded, DDP (destination as identified in Annex A) Incoterms 2000, transportation costs included, all applicable Customs Duties and Excise taxes included.
- b. The Bidder must submit firm unit pricing for all items including "as and when requested" quantity.

4.1.2.2 SACC MANUAL CLAUSE

A9033T 2012/07/16 Financial Capability

4.2 Basis of Selection

A bid must comply with all requirements of the bid solicitation and meet all mandatory technical and financial evaluation criteria to be declared responsive.

Evaluation will be established using the firm quantity and 100% of the "as and when requested" quantity (regular sizes). For the financial evaluation of the "as & when requested" regular size only, the unit price that will be used will be determined by calculating the average of the unit prices submitted for each year. The responsive bid with the lowest evaluated aggregate price will be recommended for award of a contract (1 contract only).

4.3 Contract Financial Security

1. If this bid is accepted, the Bidder may be required to provide contract financial security, after the bid closing date and within 10 calendar days from receipt of a written request from the Contracting Authority.
 - (a) a security deposit as defined in clause "Security Deposit Definition" in the amount of up to ten percent (10%) of the contract price.
2. Security deposits in the form of government guaranteed bonds with coupons attached will be accepted only if all coupons that are unmaturing, at the time the security deposit is provided, are attached to the bonds. The Contractor must provide written instructions concerning the action to be taken with respect to coupons that will mature while the bonds are pledged as security, when such coupons are in excess of the security deposit requirement.
3. If Canada does not receive the required financial security within the specified period, Canada may, as its discretion, accept another offer, issue a new bid solicitation, award a contract or reject all the bids.

4.4 Security Deposit Definition

1. "security deposit" means
 - (a) a bill of exchange that is payable to the Receiver General for Canada, and certified by an approved financial institution or drawn by an approved financial institution on itself; or
 - (b) a Government guaranteed bond; or
 - (c) an irrevocable standby letter of credit, or
 - (d) such other security as may be considered appropriate by the Contracting Authority and approved by Treasury Board;
2. "approved financial institution" means
 - (a) any corporation or institution that is a member of the Canadian Payments Association;
 - (b) a corporation that accepts deposits that are insured by the Canada Deposit Insurance Corporation or the "Régie de l'assurance-dépôts du Québec" to the maximum permitted by law;
 - (c) a credit union as defined in paragraph 137(6) the *Income Tax Act*;
 - (d) a corporation that accepts deposits from the public, if repayment of the deposits is guaranteed by Canadian province or territory; or
 - (e) the Canada Post Corporation.
3. "government guaranteed bond" means a bond of the Government of Canada or a bond unconditionally guaranteed as to principal and interest by the Government of Canada that is:
 - (a) payable to bearer;

- (b) accompanied by a duly executed instrument of transfer of the bond to the Receiver General for Canada in accordance with the *Domestic Bonds of Canada Regulations*;
- (c) registered in the name of the Receiver General for Canada.

4. "irrevocable standby letter of credit"

- (a) means any arrangement, however named or described, whereby a financial institution (the "Issuer"), acting at the request and on the instructions of a customer (the "Applicant"), or on its behalf,
 - (i) will make a payment to or to the order of Canada, as the beneficiary;
 - (ii) will accept and pay bills of exchange drawn by Canada;
 - (iii) authorizes another financial institution to effect such payment, or accept and pay such bills of exchange; or
 - (iv) authorizes another financial institution to negotiate, against written demand(s) for payment, provided that the conditions of the letter of credit are complied with.
- (b) must state the face amount which may be drawn against it;
- (c) must state its expiry date;
- (d) must provide for sight payment to the Receiver General for Canada by way of the financial institution's draft against presentation of a written demand for payment signed by the authorized departmental representative identified in the letter of credit by his/her office;
- (e) must provide that more than one written demand for payment may be presented subject to the sum of those demands not exceeding the face amount of the letter of credit;
- (f) must provide that it is subject to the International Chamber of Commerce (ICC) Uniform Customs and Practice (UCP) for Documentary Credits, 2007 Revision, ICC Publication No. 600. Pursuant to the ICC UCP, a credit is irrevocable even if there is no indication to that effect; and
- (g) must be issued (Issuer) or confirmed (Confirmer), in either official language, by a financial institution that is a member of the Canadian Payments Association and is on the letterhead of the Issuer or Confirmer. The format is left to the discretion of the Issuer or Confirmer.

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

Bidders must provide the required certifications and additional information to be awarded a contract.

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare a bid non-responsive, or will declare a contractor in default if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority will render the bid non-responsive or constitute a default under the Contract

5.1 Certifications Required with the Bid

Bidders must submit the following duly completed certifications as part of their bid.

5.1.1 Integrity Provisions - Declaration of Convicted Offences

In accordance with the *Ineligibility and Suspension Policy* (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide with its bid the required documentation, as applicable, to be given further consideration in the procurement process.

5.1.2 Additional Certifications Required with the Bid

5.1.2.1 Canadian Content Certification

5.1.2.1.1 SACC Manual clause A3050T (2014/11/27) Canadian Content Definition

Rules of Origin - Apparel

With reference to the Canadian Content Certification clause, apparel goods are considered to be Canadian goods according to the North American Free Trade Agreement Rules of Origin as follows:

Apparel goods classified in Chapters 61 and 62 of the Harmonized System that are both cut (or knit to shape) and sewn in Canada will be considered Canadian goods.

Canadien Content Certification This procurement is conditionally limited to Canadian goods.

Subject to the evaluation procedures contained in the bid solicitation, bidders acknowledge that only bids with a certification that the good(s) offered are Canadian goods, as defined in clause A3050T, may be considered.

Failure to provide this certification completed with the bid will result in the good(s) offered being treated as non-Canadian goods.

The Bidder certifies that:

() the good(s) offered are Canadian goods as defined in paragraph 1 of clause A3050T.

Plant Location

Items will be manufactured at: _____

5.1.1.2 Canadian Content Certification

This procurement is conditionally limited to Canadian goods.

Subject to the evaluation procedures contained in the bid solicitation, bidders acknowledge that only bids with a certification that the good(s) offered are Canadian goods, as defined in clause A3050T, may be considered.

Failure to provide this certification completed with the bid will result in the good(s) offered being treated as non-Canadian goods.

The Bidder certifies that:

() the good(s) offered are Canadian goods as defined in paragraph 1 of clause A3050T.

5.2 Certifications Precedent to Contract Award and Additional Information

The certifications and additional information listed below should be submitted with the bid, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame provided will render the bid non-responsive.

5.2.1 Integrity Provisions – Required Documentation

In accordance with the *Ineligibility and Suspension Policy* (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the Employment and Social Development Canada (ESDC) - Labour's website (http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969).

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list at the time of contract award.

5.2.3 Additional Certifications Precedent to Contract Award

5.2.3.1 Canadian Content Certification

5.2.3.1.1 SACC Manual clause A3050T (2014/11/27) Canadian Content Definition

Rules of Origin - Apparel

With reference to the Canadian Content Certification clause, apparel goods are considered to be Canadian goods according to the North American Free Trade Agreement Rules of Origin as follows:

Apparel goods classified in Chapters 61 and 62 of the Harmonized System that are both cut (or knit to shape) and sewn in Canada will be considered Canadian goods.

Plant Location

Items will be manufactured at: _____

5.2.3.2 Sample(s) and Production Certification

The Bidder certifies that:

() the manufacturer that produced the pre-award sample will remain unchanged for the pre-production sample and full production of the contract quantity.

PART 6 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

6.1 Security Requirements

6.1.1 There is no security requirement applicable to the Contract.

6.2 Requirement

The Contractor must provide the items detailed under "Requirement" at Annex A.

6.3 Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual* (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

6.3.1 General Conditions

2030 (2016/04/04), General Conditions - Goods (Higher Complexity), apply to and form part of the Contract.

6.4 Term of Contract

6.4.1 Delivery Requested (desirable) - Firm Quantity

The RCMP is requesting that the firm quantity be delivered complete by April 28th, 2017 and first shipment be made within 21 calendar days of the date of the written notice of approval of the production lot acceptance testing.

Delivery - Firm Quantity – Phased – Item 1

The first delivery must be made within _____ calendar days from the date of the written notice of approval of the pre-production sample.

The quantity delivered must be _____ units. The balance must be delivered at the rate of _____ units weekly after the first delivery until completion of the Contract.

6.4.1.1 Shipping Instructions - Delivery at Destination

1. Goods must be consigned to the destination specified in the Contract and delivered:

- (a) Delivered Duty Paid (DDP) (destination identified in Annex "A") Incoterms 2000 for shipments from commercial contractor.

6.4.1.2 Packaging, Marking, Rejected Goods, Overrun and Underrun

Packaging

Packing must be in accordance with standard commercial practice to ensure safe delivery at destination. Fifteen (15) units to be placed in a plain shipping container 21"L x 19"W x 8"D. Each set to be wrapped individually in a plastic bag.

Marking

- (a) Marking and labelling to be in accordance with the Specification.
- (b) Size and RCMP Stock Item Number to be indicated on merchandise, if item consists of more than one piece (pair, set) each piece to be marked.
- (b) Size, quantity and RCMP Stock Item Number to be indicated on single unit package, when specified.
- (c) Sizes, quantities and RCMP Stock Item Numbers to be indicated on carton.
- (d) Proper shipping documents must accompany each shipment. Packing slips must include the contract number, item description, size, RCMP stock item number and quantity per size being shipped.
- (e) Manufacturer's markings/advertisements will not appear on this item except on the inside label as per the specification/purchase description. Failure to comply with this article may result in rejection of goods upon inspection.

Rejected Goods

If any goods are rejected and are sold to commercial outlets, all RCMP markings and insignia must be removed before being turned over to the purchaser.

Overrun/Underrun

The quantities stated herein represent the quantities to be delivered in satisfaction of this requirement/contract. No overruns or underruns will be permitted. However, should the contractor experience an overrun, they must provide the details in writing to the Contracting Authority only after contracted quantities have been accepted by the RCMP. At their discretion, the Government may consider all or part of the overruns at a discount from the firm price on the original contract. Any unauthorized overruns will be returned to the contractor at their expense.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Alain Papineau
Public Works and Government Services Canada
Acquisitions Branch
Commercial and Consumer Products Directorate (CCPD)
Clothing & Textiles Division
Place du Portage, Phase III, 6A2
11 Laurier Street
Gatineau, Quebec K1A 0S5
Telephone : 613-983-1927
E-mail address: alain.papineau@pwgsc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

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6.5.2 Technical Authority

The Technical Authority for this Contract is:

RCMP – Uniform & Equipment Program
Policy, Design & Specification Section
440 Coventry Road (Warehouse Bldg.)
Ottawa, Ontario
K1A 0R2

The Technical Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Technical Authority, however the Technical Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

6.5.3 Contractor's Representative

The person responsible for :

General enquiries

Name: _____
Telephone No.: _____
Facsimile No.: _____ E-mail address: _____

Delivery follow-up

Name: _____
Telephone No.: _____
Facsimile No.: _____ E-mail address: _____

6.6 Payment

6.6.1 Basis of Payment – Firm Unit Price(s)

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm unit prices, as specified at Annex A for a cost of \$_____ (amount to be inserted at contract award). Customs duties are included and Applicable Taxes are extra.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

6.6.2 SACC Manual Clauses

H1001C 2008/05/12 Multiple Payments

6.6.3 Electronic Payment of Invoices – Contract

The Contractor accepts to be paid using any of the following Electronic Payment Instrument(s):

- a. Direct Deposit (Domestic and International);

6.7 Invoicing Instructions

- a. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
- b. Invoices must be distributed as follows:

The original and one (1) copy must be forwarded to the following address for certification and payment

Royal Canadian Mounted Police
Uniform & Equipment Program, 2nd floor
Attn: Planning & Accounting Section
440 Coventry Road (Warehouse Bldg.)
Ottawa, Ontario
K1A 0R2 Email: _____ (to be inserted at contract award)

One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

6.8 Certifications and Additional Information

6.8.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

6.8.2 SACC Manual Clauses

A3060C 2008/05/12 Canadian Content Certification

6.9 Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

6.10 Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- a) the Articles of Agreement;
- b) the general conditions 2030 (2016/04/04), General Conditions – Goods (Higher Complexity);
- c) Annex A – Requirement;
- d) Annex B – Specifications G.S. 1045-177 dated 2016-04-27.
- e) Patterns;
- f) Viewing Sample;
- f) the Contractor's bid dated _____

6.11 Materials: Contractor Total Supply

The Contractor will be responsible for obtaining all materials required in the manufacture of the items specified. The delivery stated herein allows the necessary time to obtain such materials.

6.12 Plant Closing

The Contractor's plant closing for Christmas and Summer holidays are as follows. During this time there will be no shipments.

Year 1

Christmas Holiday FROM _____ TO _____
Summer Holiday FROM _____ TO _____

Year 2

Christmas Holiday FROM _____ TO _____
Summer Holiday FROM _____ TO _____

Year 3

Christmas Holiday FROM _____ TO _____
Summer Holiday FROM _____ TO _____

6.13 Plant Location

Items will be manufactured at: _____

6.14 Subcontractor(s)

The following subcontractor(s) will be utilized in the performance of the contract.

Name of Company: _____

Location: _____

Value of subcontract: \$ _____

Nature of subcontracting work performed: _____

Subcontractors, other than those listed above, may not be utilized without the written permission of Canada.

6.15 Origin of Work – Disclosure of Information

- a. For each line item, the Contractor must specify the name(s) of all countries where the apparel goods are cut (or knit to shape) or sewn, regardless of whether the work is to be performed by the Contractor or one of its subcontractor(s).
- b. The Contractor agrees that Canada may publicly disclose the information provided with respect to the countries of origin.
- c. The Contractor must immediately inform Canada in writing of any and all changes affecting the information provided under this clause during the entire contract period.

6.16 A) Pre-Production Samples

1. Unless a waiver is requested, the Contractor must provide a pre-production sample and supporting documentation for evaluation prior to full production.

Item	Size	Stock #
Vest, Soft Body Armour	40-42 Reg	8052-200

2. If the pre-production sample is rejected, the Contractor must submit (a) second pre-production sample within 21 calendar days of notification of rejection from the Technical Authority.
3. If the pre-production sample is accepted by either full acceptance or conditional acceptance, the Contractor must proceed with production as per the Contract requirements.
4. Rejection by the Technical Authority of the second pre-production sample submitted by the Contractor for failing to meet the contract requirements will be grounds for termination of the Contract for default.
5. The Contractor must carry out all required inspection and tests to verify conformance to the technical requirements of the Contract.
6. The pre-production sample submitted by the Contractor will remain the property of Canada.
7. The Technical Authority will notify the Contractor, in writing, of the full acceptance, conditional acceptance, or rejection of the pre-production sample.. A copy of this notification will also be provided by the Technical Authority to the Contracting Authority. The notice of the full acceptance or conditional acceptance does not relieve the Contractor from complying with all requirements and conditions of the Contract.
8. The Contractor must not commence or continue with production of the items and must not make any deliveries until the Contractor has received a written notification from the Technical Authority that the pre-production sample is fully acceptable or conditionally acceptable. Any production of items before pre-production sample acceptance will be at the sole risk of the Contractor. If the pre-production sample is accepted by either full acceptance or conditional acceptance, the Contractor must proceed with production as per the Contract requirements.

**Pre-Production Supporting Documentation (Only applicable to pre-qualified Contractors.
To be deleted at contract award if the Contractor is not pre-qualified.**

CERTIFICATE(S) OF COMPLIANCE:

The certificates of compliance (as defined hereunder) are required with the pre-production sample. The Certificate of compliance must be dated within 6 months of the solicitation posting date. The following Certificates are required:

1. Ballistic cloth, paragraph 4.2.1 of the specification
2. Pouch cloth, paragraph 4.2.2 of the specification
3. Hook tape, paragraph 4.2.3 of the specification
4. Thread, paragraph 4.2.4 of the specification

CERTIFICATE OF COMPLIANCE-DEFINITION

i) A Certificate of Compliance is defined, for this document, as an original signed and dated certification to confirm that a specified component or requirement adheres to the specification. The certification must be prepared, signed and dated by an official representative of the

component manufacturer using company letterhead making reference to the specification number and paragraph number. It must specifically address the component or requirement and compliance can be shown by referring to a part number, by providing the component values, by providing a manufacturing data sheet to show technical compliance or by a description stating compliance to the requirement. In-house testing is acceptable to show compliance. Copying the specification word for word is not acceptable.

ii) A separate certificate of compliance is required for each individual component or requirement. Multiple components supplied by the same component manufacturer may be submitted on one certificate of compliance as long as the paragraph numbers and components are clearly identified. With this document, the Contractor certifies that the product for which the certificate of compliance is issued is the same product used in the bid submission, or in the pre-award samples or in the pre-production samples, or in the production units as applicable.

iii) The Contractor is to note that copies of invoices, purchase orders, packing slips and certificates of compliance for products or components that are not manufactured by the certifier are not suitable for use as a certificate of compliance.

6.17 Technical Requirement during production

1. If requested by the Technical Authority, the Contractor must submit one or more production samples at any time during the contracting/production stage. This requirement will be done in writing by the RCMP Technical authority.
2. Rejection by the Technical Authority of the production sample submitted by the Contractor for failing to meet the contract requirements will be grounds for termination of the Contract for default.

PRODUCTION LOT ACCEPTANCE TESTING PROTOCOL:

The following is required for the production of the firm quantity under the contract:

1. The lot quantities must be defined as all finished soft body armour panels made from ballistic cloth with the same warp yarn. Each time the warp yarn in the ballistic cloth changes, a new lot must be identified and Production Lot Acceptance Testing is required.
2. The material lot used in the Pre Award Sample may be used for the production quantities of the soft body armour panels and Production Lot Acceptance Testing will only be required when the material lot changes in any layer within a soft body armour panel.
3. The testing for all new lots must be performed on four (4) finished vests (front and back), size 44 – 46 Regular, and must be tested ballistically as per Annex B , section 5.1.1. of the specification.
4. The material lot must be rejected if there are any penetrations and/or the BFS average is greater than 44mm and one BFS is greater than 50mm. If, during V50 testing, a penetration occurs at or below the maximum velocity permitted under the 'pass/fail' testing, the lot shall be rejected.
5. All test reports must be submitted to the RCMP Technical Authority for approval prior to the shipping of any goods.
6. A ballistic cloth (Material Data Sheet) as required in Annex B, section 5.1.1 is required with each lot.

Production lot acceptance test reports must be provided to the Technical Authority for approval within 21 days of contract award or pre-production sample approval for pre-qualified suppliers or within 21 days of the a new lot.

The RCMP reserve the right to increase the quantities of Production Lot Acceptance Testing, should the RCMP identify any concern regarding the ballistic integrity of the soft body armour panels manufactured under the contract. Immediate notice will be given to the vendor to adjust the testing protocol following the above noted protocol.

Test Report:

Test report documents signed and dated by an independent, third-party accredited laboratory acceptable to the RCMP shall include the test method, test conditions and test results performed to verify requirements as specified in this specification.

6.18 Patterns

The full set of patterns (as well as electronic version if requested) either in individual sizes or as a graded nest will be provided to the successful bidder after the contract is awarded. The paper pattern will take precedence over the electronic pattern..

The patterns are the property of the RCMP and must be returned directly to the RCMP upon completion of the contract.

6.19 Viewing Samples - Guidance Only

The viewing sample is to be used for guidance for all factors not covered by the RCMP specification. The RCMP specification shall govern.

6.20 Viewing Sample - Return to Sender

The viewing sample which may have been sent to the Contractor, is to be returned to the sender upon completion of Contract.

The viewing sample is not to be mutilated or cut, and must be returned in the same condition as sent to the Contractor.

6.21 Specification and Standards

6.21.1 Canadian General Standards Board (CGSB) - Standards

A copy of the CGSB Standards referred to in the Contract is available and may be purchased from:

Canadian General Standards Board
Place du Portage III, 6B1
11 Laurier Street
Gatineau, Québec
Telephone: (819) 956-0425 or 1-800-665-CGSB (Canada only)
Fax: (819) 956-5740
E-mail: ncr.cgsb-ongc@pwgsc-tpsgc.gc.ca
CGSB Website: <http://www.tpsgc-pwgsc.gc.ca/ongc-cgsb/index-eng.html>

6.22 Financial Security

1. Canada may convert the security deposit to the use of Canada if any circumstance exists which would entitle Canada to terminate the Contract for default, but any such conversion will not constitute termination of the Contract.
2. Where Canada so converts the security deposit:
 - (a) the proceeds will be used by Canada to complete the Work according to the conditions of the Contract, to the nearest extent that it is feasible to do so and any balance left will be returned to the Contractor on completion of the warranty period; and
 - (b) if Canada enters into a Contract to have the Work completed, the Contractor will:
 - (i) be considered to have irrevocably abandoned the Work; and
 - (ii) remain liable for the excess cost of completing the Work if the amount of the security deposit is not sufficient for such purpose. "Excess cost" means any amount over and above the amount of the Contract Price remaining unpaid together with the amount of the security deposit.
3. If Canada does not convert the security deposit to the use of Canada before completion of the contract period, Canada will return the security deposit to the Contractor within a reasonable time after such date.
4. If Canada converts the security deposit for reasons other than bankruptcy, the financial security must be reestablished to the level of the amount stated above so that this amount is continued and available until completion of the contract period.

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ANNEX A **REQUIREMENT**

1. TECHNICAL REQUIREMENT

The Contractor is required to provide Canada for the Royal Canadian Mounted Police (RCMP) with 3330 Vest, Soft Body Armour in accordance with the RCMP Specification G.S.1045-177, dated 2016-04-27, pattern and the viewing sample.

2. DESTINATION AND INVOICING ADDRESS

DESTINATION ADDRESS	INVOICING ADDRESS
Royal Canadian Mounted Police Uniform & Equipment Program 440 Coventry Road, East Door Ottawa, Ontario K1K 2C4	Royal Canadian Mounted Police Uniform & Equipment Program, 2nd Floor Attn.: Planning & Accounting Section 440 Coventry Road (Warehouse Bldg.) Ottawa, Ontario K1A 0R2

3. DELIVERABLES

CONTRACT QUANTITY

Firm Quantity

Item	Description	Firm Quantity	Unit of Issue	Firm Unit Price, DDP, Transportation costs included, Applicable taxes extra
1	<u>Vest, Soft Body Armour</u>	3330	Each	\$ _____

Sizes	Quantities
32-34 Short	180
36-38 Short	180
40-42 Short	50
44-46 Short	20
36-38 Regular	700
40-42 Regular	1000
44-46 Regular	300
48-50 Regular	60
36-38 Tall	120
40-42 Tall	280
44-46 Tall	280
48-50 Tall	160

Priority of Sizes: 36-38R, 40-42R
“As and When Requested” Quantity - Regular Sizes

Item	Description	Estimated Quantity (total for 3 years)	Unit of Issue	Firm Unit Price, DDP, Transportation costs included, Applicable taxes extra
2	<u>Vest, Soft Body Armour</u>	4000	Each	Year 1 \$ _____ Year 2 \$ _____ Year 3 \$ _____

Year 1: ordered within 12 months from contract award
Year 2: ordered within 13-24 months from contract award
Year 3: ordered within 25-36 months from contract award

4. “AS AND WHEN REQUESTED” QUANTITIES – as Identified as Item 2

Under this Contract, the Contractor is required to provide certain goods to Canada on an “as and when requested” basis. Except as expressly provided in this Contract, Canada is not obliged to request any such goods under this Contract and this Contract does not represent a commitment to purchase such

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goods exclusively from the Contractor. The quantity of "as and when requested" goods specified in items 2 is only an approximation of requirements.

RCMP may issue orders for "as and when requested" quantities directly to the Contractor detailing the exact quantities of goods being ordered and the delivery date during the effective period and in accordance with the predetermined conditions. Order for "as and when requested" quantities will be made on Form 942 or on a RCMP order form.

The period for placing "as and when" requested orders will be 36 months from contract award.

Delivery of the "as and when requested"

The RCMP is requesting that delivery of the "as and when requested" quantity be made within **45 calendar days** after receipt of order document

Delivery of the "as and when requested" quantity will be made within _____ calendar days after receipt of order document.

Deliveries made against orders of the "as and when requested" quantities will be inspected by the Consignee at destination.

Financial Limitation

The total cost to Canada resulting from orders of "as and when requested" quantities must not exceed the sum of \$ _____ (to be established at contract), applicable taxes extra, unless otherwise authorized in writing by the Contracting Authority. The Contractor must not be obligated to perform any work or services or supply any articles in response to orders which would cause the total cost to Canada to exceed the said sum, unless an increase is so authorized.

The Contractor grants to Canada the irrevocable option to acquire the goods described under item 2 under the same terms and conditions and at the prices stated in the Contract.

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Annex B

**SPECIFICATION G.S.1045-177 – DATE 2016-04-27
VEST, SOFT BODY ARMOUR
See attached document**



Royal Canadian Mounted Police
Gendarmerie royale du Canada

Doc. no: G.S. 1045-177
Date: 2016-04-27

Specification

Vest, Soft Body Armour

This document has 19 pages including the drawings.

This document was created in English.

The document is available in English and French.

English/Anglais
Français/French

The photograph on this page is for reference only.

Modifications

Date	Para. No's	Modifications
2007-06-01		Original Specification
2007-07-19	Appendix B	Scale of Measurements, Front Panel, 44-46T, Dim. 'D'
2007-09-12	Para. 4.4.1.3 (new), Dwg. 1	Bottom stitching of panels added.
2007-12-10	Paras. 4.4.1.1, 4.4.3, 4.4.5, Dwgs. 1, 2	Stitched pouch seams replacing heat-sealed seam, label to be sewn on.
2013-09-25	Para. 2.2 Para. 2.4 Para. 2.5, 2.6 Para. 4.1.1 Para. 4.2.1, 4.2.2, 4.2.3, 4.2.4 Appendix 'C'	Old CGSB standard references replaced. Old CGSB standard reference deleted. Paragraphs renumbered. Label para. referenced in place of specification. Certifications of Compliance added Certification of Compliance and test requirements added.
2014-03-28	Title change Para. 1.2 Para. 2.3 Para. 2.6 Para. 3.2 Para. 4.1 Para. 4.1.1 Para. 4.2.1 Para. 4.2.2 Para. 4.2.3 Para. 4.2.4 Para. 4.3 Para. 4.4.1.1 Para. 4.4.1.2 (deleted) Para. 4.4.3 Para. 4.4.4 (deleted) Para. 4.4.4 (renumbered) Para. 4.4.4.1 Paras. 6.1, 6.1.1 – 6.1.5 Dwgs 1, 2, 3, 4 Appendix 'C'	'Male and Female' reference deleted. Wording amended. Thread changed to bonded nylon. ASTM test methods added. Waterproof pouch requirement added. Velocity tolerances added. Waterproof test added to exceptions Ballistic waterproof fabric option deleted; cloth information requirement moved to Para. 6.1.1. Pouch material amended. Hook requirement amended. Thread requirement. Pattern reference amended. Panel stitching detail clarified. Female pattern reference paragraph deleted. Pouch construction detail. Flexibility test requirement deleted. Label attachment and information amended. Serial numbering detail added. Production Lot testing requirements changed Stitching removed, outline of sealed edge added, panel detail added, label example modified. Certification of Compliance requirements amended.
2014-07-15	Para. 1.1 Para. 1.2 Para. 1.4 Para. 2.1	Added MMR item number to paragraph. Modified paragraph. Added paragraph. Modified paragraph.

	<p>Para. 3.3 Para. 4.2.3 Para. 4.4.1 Para. 5</p> <p>Para. 5.1.1 (new)</p> <p>Para. 5.1.2 (new) Appendix C</p>	<p>Paragraph deleted.</p> <p>Wording modified to refer to hook tape.</p> <p>Added certificate of compliance requirement.</p> <p>Paragraph of Delivery, Packing and Marking of Containers deleted, following paragraphs renumbered.</p> <p>Added precision for requirement of material data sheet.</p> <p>Clarified size of test samples.</p> <p>Certificate of compliance definition and evaluation criteria removed</p>
2014-10-20	<p>Para. 2.6 Para. 4.1.1 Para. 4.4.1</p>	<p>Added reference to standard D1777.</p> <p>Updated corresponding paragraph reference in E.</p> <p>Thickness value amended and test method ASTM D1777 added.</p>
2016-04-27	<p>Para. 4.2.1</p>	<p>Paragraph modified.</p>

RCMP VIEWING SAMPLE

A viewing sample, when available, will be supplied to the successful bidder.

This will be used for the guidance of the manufacturer in all factors not covered by this specification or referred to therein. Variation from the specification may appear in the sample in which case the specification shall govern.

It may be obtained from:

Royal Canadian Mounted Police
ATTN: Uniform & Equipment Program
(440 Coventry Road, Warehouse Building)
1200 Vanier Parkway
Ottawa, Ontario
K1A 0R2

It will be sent “prepaid” and is to be returned “prepaid”.

The viewing sample shall be returned to the RCMP in the same condition as received by the manufacturer. Lost or damaged viewing samples shall be replaced by an identical item or the RCMP shall be reimbursed for the cost of an acceptable replacement.

SPECIFICATION

VEST, SOFT BODY ARMOUR

1. Definition

- 1.1 This specification shall govern the manufacture and inspection of Vest, Soft Body Armour. The specific item covered under this specification with stock number is as follows:
 - i. 8052 – Vest, Soft Body Armour
- 1.2 This specification, pattern, drawings, viewing sample or other information issued in connection therewith, may only be used for specific enquiries, solicitations, or orders placed on behalf of the Royal Canadian Mounted Police.
- 1.3 This specification supersedes all previous specifications for Vest, Soft Body Armour.
- 1.4 This specification has been translated into French from this original English language document.

2. Applicable Specifications

- 2.1 The following publications are applicable to this specification and to the issues in effect on the date of the solicitation, unless otherwise specified.
- 2.2 CAN/CGSB, 4.2 Textile Test Methods.
- 2.3 CAN/CGSB, 4-GP-85-Ma, Bonded Nylon.
- 2.4 NIJ Standard 0101.03, Ballistic Resistance of Police Body Armour.
- 2.5 U.S. Dept. of Defence, MIL-STD-662F - V₅₀ Ballistic Test for Armour.
- 2.6 ASTM Test Methods – E96, D1777, D3775, D3776, D5034, D2261, D5035, D751, D5169, D5170.

3. **General Requirements**

- 3.1 The article or material covered by this specification shall be free from imperfections or blemishes such as may affect its appearance or serviceability. In all particulars not covered by this specification or contract documents, production shall be equivalent in all respects to the viewing sample.
- 3.2 **Design** - Soft Body Armour to this specification shall consist of a set of front and back ballistic material panels each enclosed in a waterproof pouch, to be used with either an internal or an external carrier (supplied separately). It will protect the user from handgun ammunition as specified.

4. **Detail Requirements**

- 4.1 **Protection Level (Ballistic Resistance)** - Each ballistic panel shall protect against the following bullets and all lesser threat levels;
- .357 Magnum, Jacketed Soft Point, 158 Grain, Velocity of 425 m/s, +15 m/s;
 - 9 Millimetre, Full Metal Jacket, 116 Grain, IVI Brand, Velocity of 393 m/s, + 15 m/s,
 - Backface Signature (BFS) - Maximum depth 44 Millimetres.
- 4.1.1 **Test Methods** - National Institute of Justice (NIJ) certification is not required however all ballistic panels tested shall be tested in accordance with the United States Department of Justice, NIJ Standard 0101.03 with the following exceptions;
- A) 9mm as per Para. 4.1 above,
 - B) Ballistic Panels may be patted down between test rounds,
 - C) Labeling as per para. 4.4.4 of this specification.
 - D) No 'tapering' of ballistic layers towards panel edges is allowed as the vest must provide the same protection over the entire vest surface area.
 - E) Waterproof testing as specified in paragraph 5.1.3 of this specification.

4.2 **Materials**

4.2.1 **Cloth, Ballistic Aramid** – The ballistic cloth shall be constructed of woven Ballistic Aramid Yarn with a maximum size of 930 Decitex (840 Denier). Yarn produced under the trade names Kevlar or Twaron are known to meet the requirement. The cloth shall be natural in colour. The cloth shall be thoroughly scoured with not more than 0.7% residuals, shall not contain loading materials and shall be free from imperfections.

4.2.2 **Cloth, Pouch, Ballistic Panel**

The requirements for the waterproof pouch material are specified below:

Property	Requirement	Test Method
Colour	black	
Fibre	100% Nylon 200den	
MVT-B Upright	4.4 oz/yd ² [150 g/m ²] (max./24 hrs)	ASTM E96
Weight, laminated	5.5 oz/yd ² , +/- 1.0 oz/yd ² [186 g/m ² , +/- 34 g/m ²]	ASTM D3776
Tensile Strength (4"/10 cm)	Warp: 200 lbs (min.) [880 N] Fill: 150 lbs (min.) [660 N]	ASTM D5034
Tongue Tearing	Warp: 2.5 lbs (min.) [11 N] Fill: 2.0 lbs (min.) [8.8 N]	ASTM D2261
Break Away Adhesion	35 lbs/in (min.)	ASTM D5035
Hydrostatic Resistance	200 psi minimum to burst [1378 kPa]	ASTM D751

This fabric must be capable of forming a strong, durable, sealed and water-proof bond when suitable processes are applied to it (e.g. heat-sealing, thermo-welding, etc.).

4.2.3 **Hook Tape** - The hook tape shall be woven nylon, black in colour, with a high life cycle. Combined hook and loop shall have no less than 8 P.S.I. length-wise shear strength (ASTM 5169). The initial peel strength shall have an average value of 0.75 P.I.W. (ASTM 5170). After 1000 cycles shall be not less than 0.5 P.I.W. with a minimum lengthwise shear of 4 P.S.I. It shall have adhesive backing, suitable for creating a permanent bond after heat-sealing or thermo welding processes are applied to it. Velcro Hook # 88 is known to meet these requirements.

4.2.4 **Thread** - The thread shall be bonded nylon, Tex 70, Class B, Type 2, white in colour, meeting CAN/CGSB 4-GP-85-Ma.

4.3 **Size and Dimensions** - The Vest, Soft Body Armour to this specification shall be supplied in the sizes specified by the RCMP and to the dimensions given in the

scale of measurements and attached drawings forming part of this specification. The vest components shall be shaped, dimensioned and positioned in accordance with the pattern components and pattern requirements as outlined in Appendix 'A' forming part of this specification. Patterns for the ballistic panels will be supplied by the RCMP.

4.4 **Construction**

4.4.1 **Ballistic Panels** - The ballistic panels shall be shaped and dimensioned in accordance with the patterns and attached drawings. They shall be constructed using a number of unbonded layers of ballistic aramid cloth which shall not exceed a total weight of 5,060 g/m² (example: 22 layers @ 230 g/m² = 5,060 g/m²) and whose combined thickness including the pouch cloth shall not exceed 6.6 mm. Compliance for the thickness shall be verified using test method ASTM D1777-96(2011)^{e1} Standard Test Method for Thickness of Textile Materials.

4.4.1.1 **Panel Stitching** - The layers of the finished pad shall be held together by means of 5 cm long stitching through the ballistic material only, located 4 cm from the edge in the center bottom and through the ballistic material and 5 cm x 5 cm heat seal patch in each top corner in the location shown in Dwgs. 1 & 2. The finished pad shall also have the bottom stitched with a 2.5 cm high and 2.5 cm wide (point-to-point) 'zigzag' stitch across the entire width of the panel through the ballistic material only, designed to contain loose/fraying yarns. The bottom points of the zigzag shall run to the edge of the panel, the ends of the stitching near the side edges shall not extend into the curved corner area, in accordance with Dwgs. 1 & 2, nor begin more than 2.5 cm from the start of the curved corner area.

4.4.2 **Ballistic Protection** - In addition to the requirements of Para. 4.1 and 4.1.1, ballistic panels shall have equal ballistic resistance capabilities when shot from either side of the panel.

4.4.3 **Pouch Construction** - The nylon pouch made of the material specified in Para. 4.2.2 shall be sealed along all edges. This sealing process along with the physical characteristics of the pouch fabric, will create a waterproof pouch for the ballistic material, the edge seal being durable and waterproof for the expected life of the pouch. The sealed pouch outside edge shall extend to a maximum of 2.25 cm beyond the edge of the ballistic material, with the width of the sealed portion itself being a maximum of 1 cm. The pouch shall have 8 cm x 5 cm hook tape patches permanently attached to the outside of the pouch (by such means as heat-pressing), positioned to attach to corresponding loop tape pieces on the inside of the internal and external carriers. Pouch material 5 cm x 5 cm as described in Para. 4.2.2 shall

be sewn to the ballistic panel in the corresponding location as the hook patches at the shoulders on the outside of the pouch. Each 5 cm x 5 cm patch shall be attached to the ballistic panel with two 5 cm long 3-pass tacks through all layers of ballistic material across the full width of the patch 1.3 cm from the top and bottom edges of the patch. The heat sealable surface of the 5 cm x 5 cm piece of pouch material shall face away from the ballistic material. During the pouch finishing process, this piece of pouch material shall be sealed to the inside surface of the pouch using a suitable method (heat-sealing, thermo-welding, etc.) to ensure a permanent, durable bond.

Note: Any sealing method used during the finishing of the pouch shall not damage the ballistic material or compromise ballistic performance in any way.

- 4.4.4 **Care and Instruction Label** - Each pouch must have a care and instruction label permanently attached to the outer surface of the pouch by such means as thermo-welding, heat-sealing, etc., with instructions indelibly and permanently printed, in English and French. The date of manufacture will be in the MM/YYYY numerical format. The label will include bilingual washing instructions which shall be as follows:

**‘CARE INSTRUCTIONS FOR BALLISTIC PANELS/
INSTRUCTIONS D’ENTRETIEN POUR PANNEAUX BALISTIQUES**
REMOVE BALLISTIC PANEL BEFORE CLEANING CARRIER/AVANT DE LAVER LE GILET PARE-BALLES, RETIRER LES PANNEAUX BALISTIQUES.
WIPE PROTECTIVE PANEL WITH A WATER DAMPENED CLOTH ONLY/
ESSUYER LES PANNEAUX À L’AIDE D’UN CHIFFON LÉGÈREMENT IMBIBÉ D’EAU SEULEMENT.
DO NOT DRY CLEAN/NE PAS NETTOYER A SEC.
DO NOT BLEACH/NE PAS UTILISER D’AGENT DE BLANCHIMENT.
DO NOT EXPOSE TO DIRECT SUNLIGHT/NE PAS PLACER EN PLEIN SOLEIL.
FAILURE TO FOLLOW INSTRUCTIONS FOR WASHING AND HANDLING THIS PANEL WILL AFFECT ITS BALLISTIC RESISTANT QUALITIES/LE NON-RESPECT DES INSTRUCTIONS D’ENTRETIEN RÉDUIRA LA RÉSISTANCE BALISTIQUE DES PANNEAUX.’

The label must have the following phrasing:

‘This ballistic panel complies with the threat level of RCMP specification G.S. 1045-177.
Ce panneau balistique est conforme au niveau de menace indiqué dans la spécification G.S. 1045-177 de la GRC.’

The label must clearly indicate the following information:

- manufacturer's identification/identification du fabricant;
- date of manufacture (in MM/YYYY format)/date de confection (en format MM/AAAA);
- size/taille;
- Lot number from roll of ballistic fabric/numéro de lot inscrit sur le rouleau de tissu balistique;
- vest serial number, displayed by both numbers/letters and barcode/numéro de série du gilet (chiffres et lettres et code à barres);
- RCMP material master number/numéro de fiche article de la GRC.

A box shall be included and indicated on the label as such for the date of issue [Note: date of issue is determined and stamped in this box by the RCMP upon issuing to a user]. The words 'Date of issue/date d'émission shall be in letters no less than 5 mm high, font as per the rest of the label.

Dwg. 4 shows an example of an acceptable label.

4.4.4.1 **Serial Numbering of Vest panels**

Each vest shall have a unique serial number applied to it. The serial number shall apply to both the front and back panels of a single set of panels. This number shall appear on panel labels as per the requirements of Para. 4.4.4 above, the barcode to be of a 'universal' type readable by commonly-used commercial handheld barcode scanners. The serial number shall be any combination of numbers and/or letters required to successfully differentiate an RCMP soft body armour vest from any other vest produced by the same manufacturer whether for the RCMP or not. Manufacturers will maintain this serialization system for a period long enough to avoid duplication. Upon request, a list of manufactured vests with their serial numbers shall be made available to the RCMP. This request may be made as part of a contract requirement or at any time.

- 4.4.5 **Patterns** - Patterns for all listed sizes of the ballistic panels will be provided by the RCMP. Special sizes will follow the same shape and coverage as those shown in this specification. Refer to Appendix 'A' for pattern list.

5. **Quality Assurance Provisions**

- 5.1 **Production Lot Testing, Ballistic Aramid Cloth and Panels** - The lot quantities shall be defined as all finished soft body armour panels made from ballistic cloth

with the same warp yarn. Each time the warp yarn in the ballistic cloth changes, a new lot must be identified and Production Lot Acceptance Testing is required.

- 5.1.1 **Ballistic Aramid Cloth Information** - Every lot shall be accompanied by a data sheet for the ballistic cloth with the following information:

Property	Acceptable Test Method
Fibre type	---
Weave Type	---
Fabric weave count, warp and weft	ASTM D3775
Fabric Weight	ASTM D3776
Tensile Strength	ASTM D5034
Tensile Tearing	ASTM D2261

- 5.1.2 **Testing, Ballistic Aramid Panels** - Every lot shall be tested ballistically for the following:

- V₅₀ ballistic resistance using 9 mm FMJ 116 grain IVI brand ammunition to be performed on a finished front and back size 44-46 regular male vest without carrier, Dry Test Only.
- V₅₀ ballistic resistance using .357 Magnum, Jacketed Soft Point, 158 grain ammunition to be performed on a finished front and back size 44-46 regular male vest without carrier, Dry Test Only.
- V₅₀ test protocol to be as per Para. 2.5.
- N.I.J. sampling, two complete vests, front and back size 44-46 regular male without carrier per lot for wet and angle shots with exceptions noted in Para. 4.1.1.

NOTE: If, during V₅₀ testing, a penetration occurs at or below the maximum velocity permitted under the 'pass/fail' testing, the lot shall be determined to have failed to meet RCMP requirements.

- 5.1.3 **Test for Waterproofness** – Finished panels submitted for production lot ballistic testing shall also be tested for waterproofness by the following method, prior to ballistic testing: Panels shall be weighed, the weight recorded, and then the panel fully immersed vertically in a suitably-sized basin of tap water at room temperature (21°C, +2°C/- 5°C) for no less than 30 minutes. After that time, the panel will be removed from the water, hung vertically and allowed to dry for 10 minutes and weighed again. Any appreciable weight gain not attributable to water clinging to the surface of the panel will be considered evidence of a lack of waterproofness. In addition, any air bubbles observed to be emerging from fully submerged panels will be considered evidence of a lack of waterproofness. Failure to meet waterproof requirements may be considered grounds for rejection of a lot or an entire shipment.

- 5.1.4 **Testing Costs and Shipping of Finished Panels** - All Production Lot testing costs will be paid for and arranged by the manufacturer of the finished vests. All test reports related to each lot must be submitted to the RCMP for approval prior to the shipping of any goods.
Records related to and including production and testing of ballistic aramid cloth and ballistic panels/vests must be maintained by the producing textile mill and vest manufacturer for a minimum period of 10 years. The records must be available for RCMP reference.
- 5.1.5 **Test Facilities** - All testing at any stage of a contract including the pre-contract award period must be performed by a test facility which operates independently, is unaffiliated with any of the potential proponents and is capable of performing ballistic testing on an ongoing basis to the satisfaction of the Royal Canadian Mounted Police.
- 5.2 **Responsibility for Inspection** - Unless otherwise stipulated in the contract, it is the prime contractor's responsibility to satisfy the RCMP that the material and services supplied conform to this specification.
- 5.3 The RCMP reserves the right to perform any inspection considered necessary to ensure the material and services conform to the specified requirements. For the purpose of inspection, a portion of each delivery not exceeding two percent or two out of any number delivered under 100 may be put to tests that could destroy the articles. If found to be inferior or not in accordance with this specification, all articles so destroyed shall be replaced by others of proper quality and pattern at the expense of the contractor. The entire delivery may also be rejected if it is found that articles previously rejected due to non-repairable defects are redelivered for inspection.
- 5.4 The contractor will be promptly notified when any articles are not accepted and such articles will be returned at the contractor's risk and expense.

APPENDIX A

Sealed Pattern Identifier

Pattern #: G.S. 1045-177 Ballistic Panels
 Title: Vest, Soft Body Armour

Paper Patterns - Paper patterns are available for the ballistic panels from the RCMP, Uniform & Equipment Program, Ottawa Ontario, under Pattern # G.S.1045-177. Firms requested to produce Pre-contract Award Samples will be provided with the base pattern only. The full set of patterns either in individual sizes or as a graded nest will be provided to the successful bidder after the contract is awarded.

The paper patterns include, where applicable, seam allowances, drill holes and/or placement templates. Contractors may make changes required to suit their production process, however, the design and grade shall not be affected or changed. The panel cover pattern is not provided.

All patterns are property of the RCMP and must be returned upon completion of the contract.

Pattern Pieces - This design has 2 pattern components.

Legend:

Material = Ballistic Aramid Cloth

Pattern Components	Nomenclature	Quantity to be cut	Material
# 1 of 2	Front Panel	Ref. Para. 4.4.2	Ballistic Aramid Cloth
# 2 of 2	Back Panel	Ref. Para. 4.4.2	Ballistic Aramid Cloth

APPENDIX B

**Vest, Soft Body Armour
Scale of Measurements
Front Panel**

Dimensions in cm				
Size	A	B	C	D
32-34 Short	31.5	40.5	14	24
36-38 Short	32	45.5	14.15	26
40-42 Short	32.75	50.5	14.25	28
44-46 Short	33.5	55.5	14.5	30
48-50 Short	34	60.5	14.75	32
32-34 Regular	36.5	40.5	18	24
36-38 Regular	37	45.5	18.25	26
40-42 Regular	37.75	50.5	18.5	28
44-46 Regular	38.5	55.5	18.75	30
48-50 Regular	39.25	60.5	19	32
32-34 Tall	37	40.5	18.5	23.5
36-38 Tall	39	45.5	19.5	26
40-42 Tall	40.5	50.5	20.25	28.5
44-46 Tall	42.5	55.5	21	31.5
48-50 Tall	44.5	60.5	22	32.25
Tolerance	+/- 0.5 cm			

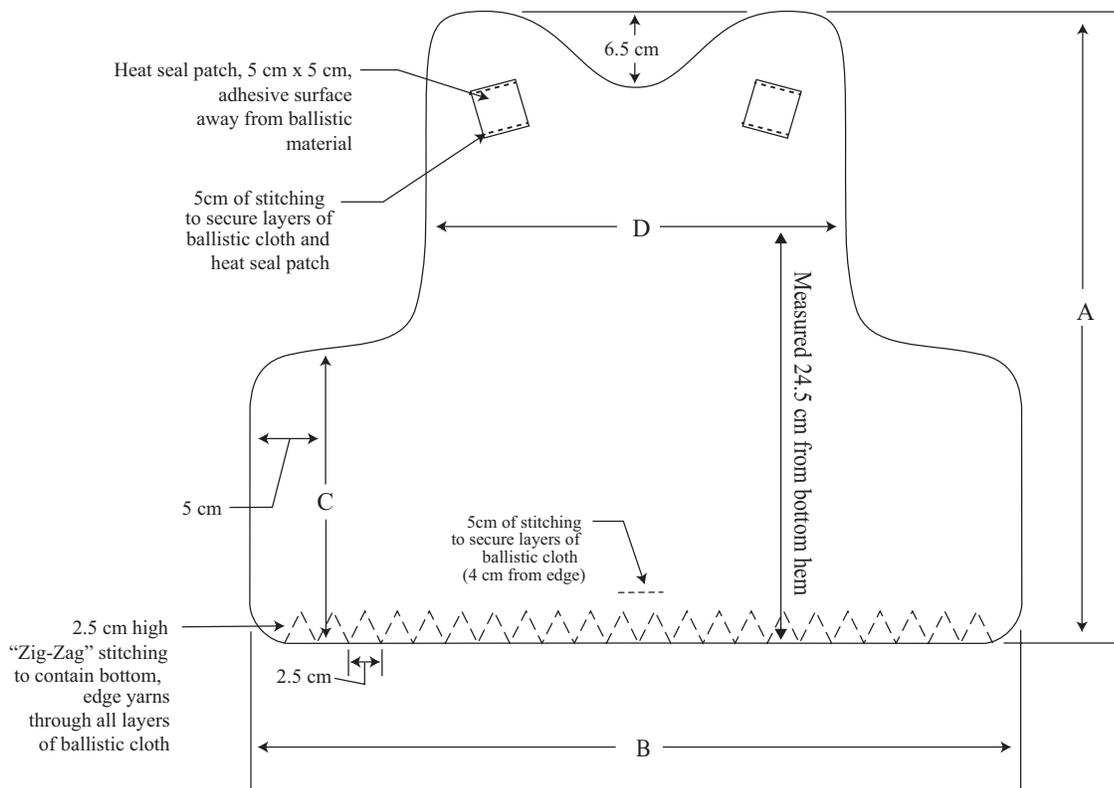
APPENDIX B
(continued)

Vest, Soft Body Armour
Scale of Measurements
Rear Panel

Dimensions in cm				
Size	E	F	G	H
32-34 Short	31.25	40.5	14	23.25
36-38 Short	32	45.5	14.15	25.5
40-42 Short	32.75	50.5	14.25	27.5
44-46 Short	33.5	55.5	14.5	29.25
48-50 Short	34	60.5	14.75	32.25
32-34 Regular	36.5	40.5	18	23.25
36-38 Regular	37	45.5	18.25	25.25
40-42 Regular	37.75	50.5	18.5	27.25
44-46 Regular	38.5	55.5	18.75	29.25
48-50 Regular	39.25	60.5	19	31.25
32-34 Tall	37	40.5	18.5	23.5
36-38 Tall	38.75	45.5	19.5	25.5
40-42 Tall	40.5	50.5	20.25	27.75
44-46 Tall	42.25	55.5	21	29.75
48-50 Tall	44	60.5	22	32
Tolerance	+/- 0.5 cm			

Front Ballistic Panel

Dwg. 1



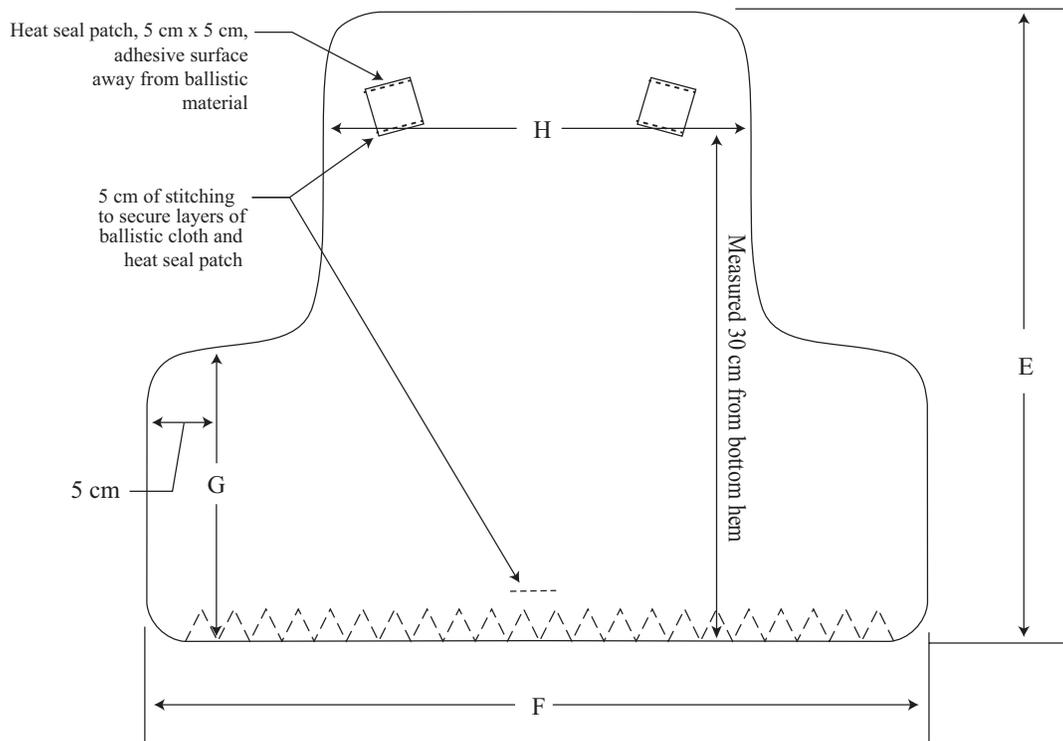
NOT TO SCALE

All measurements in centimetres unless otherwise indicated

Tolerance: +/- 0.5 cm

Back Ballistic Panel

Dwg. 2



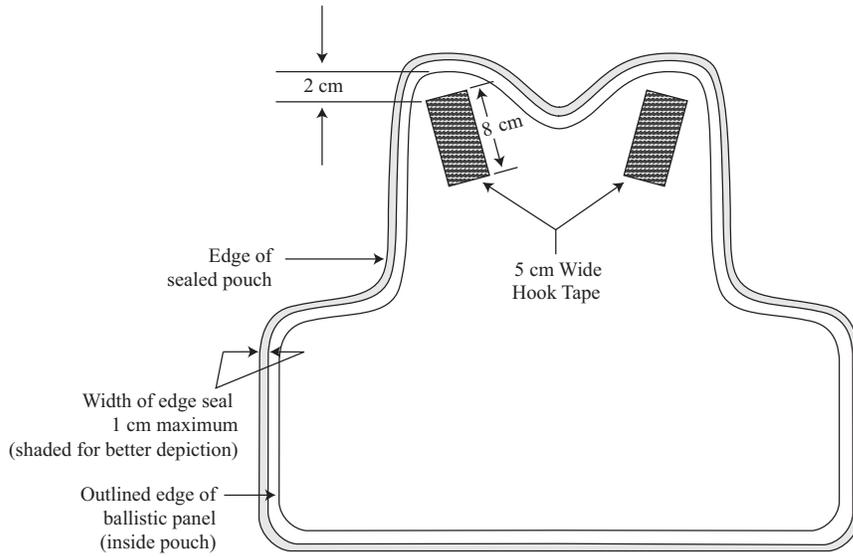
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All measurements in centimetres unless otherwise indicated

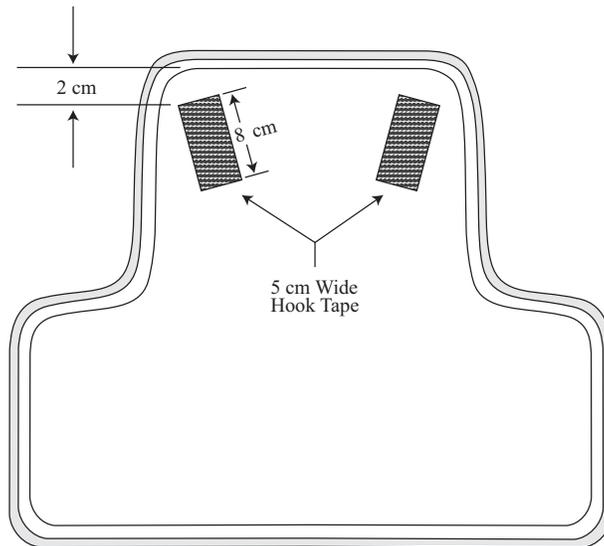
Tolerance: +/- 0.5 cm

Pouches, Front and Back

Dwg. 3



Pouch, Front



Pouch, Back

NOT TO SCALE

All measurements in centimetres unless otherwise indicated

Tolerance: +/- 0.5 cm

Label, Care and Instruction
Example

Dwg. 4

**CARE INSTRUCTIONS FOR BALLISTIC PANELS/
INSTRUCITONS D'ENTRETIEN POUR PANNEAUX
BALISTIQUES**

- REMOVE BALLISTIC PANEL BEFORE CLEANING CARRIER/
AVANT DE LAVER LE GILET, RETIRER LES PANNEAUX
BALISTIQUES.
- WIPE PROTECTIVE PANEL WITH A WATER DAMPENED
CLOTH ONLY/
ESSUYER LES PANNEAUX À L'AIDE D'UN CHIFFON
LÉGÈREMENT IMBIBÉ D'EAU SEULEMENT
- DO NOT DRY CLEAN/ NE PAS NETTOYER A SEC.
- DO NOT BLEACH/ NE PAS UTILISER D'AGENT DE BLANCHIMENT.
- DO NOT EXPOSE TO DIRECT SUNLIGHT/ NE PAS PLACER EN
PLEIN SOLEIL.

FAILURE TO FOLLOW THESE INSTRUCTIONS FOR WASHING AND
HANDLING THIS PANEL WILL AFFECT ITS BALLISTIC RESISTANT
QUALITIES.

LE NON-RESPECT DES INSTRUCTIONS D'ENTRETIEN RÉDUIRA LA
RÉSISTANCE BALISTIQUE DES PANNEAUX.

This ballistic panel complies with the threat level of R.C.M.P.
specification G.S.1045-177.

Ce panneau balistique est conforme au niveau de menace indiqué dans
la spécification G.S.1045-177 de la GRC.

**BODY SIDE - THIS SIDE TO FACE WEARER
CE CÔTÉ DÔIT ÊTRE PLACÉ CONTRE VOTRE CORPS**

Date of Issue/ Date d'Emission

Manufacturer's Identification/

Identification du fabricant:

XYZ Mfg. Co. Ltd.
123 Alpha Lane
Anytown, B.C.
V1V 1V1

Size/

Taille: 32-34S

Lot number from roll/

Numéro du lot inscrit
sur le rouleau: A10400

Date of manufacture/

Date de confection: 12/2014

RCMP stock number/Numéro

de l'article de la GRC: 8052-010

Serial N°/ Numéro de série



22TA009RCM00