



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 Carrier, External, Load Carrying | |
| Solicitation No. - N° de l'invitation M7594-182188/A | Date 2017-09-29 |
| Client Reference No. - N° de référence du client M7594-182188 | |
| GETS Reference No. - N° de référence de SEAG PW-\$\$PR-723-73501 | |
| File No. - N° de dossier pr723.M7594-182188 | CCC No./N° CCC - FMS No./N° VME |
| Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-10-19 | Time Zone Fuseau horaire Eastern Daylight Saving Time EDT |
| F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/> | |
| Address Enquiries to: - Adresser toutes questions à: Gravel, Sylvie | Buyer Id - Id de l'acheteur pr723 |
| Telephone No. - N° de téléphone (613) 240-7281 () | FAX No. - N° de FAX (819) 956-5454 |
| Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Specified Herein Précisé dans les présentes | |

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 at Annex "A" of the resulting contract clauses.

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 Canadian Free Trade Agreement (CFTA).

1.5 Canadian Content

The requirement is limited to Canadian goods and/or services.

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 (2017/04/27) 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: 180 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

The 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
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: 778-788-0237 (Tamana Makhni) OR
TEL: 604-658-2799 (Betty Chan)
FAX: 604-775-7526
Attention: Tamana Makhni
(tamana.makhni@tpsgc-pwgsc.gc.ca) OR
Attention: Betty Chan (betty.chan@tpsgc-pwgsc.gc.ca)

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

2.6.2 ASTM International – Standards

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

ASTM Headquarters
100 Barr Harbor Drive
PO Box C700
West Conshohocken, PA
19428-2959 USA
Telephone: 1-877-909-2786 (USA & Canada) or 610-832-9585 (International)
ATSM Website: <http://www.astm.org/Standard/>

2.6.3 American Association of Textile Chemists and Colorists (AATCC)

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

American Association of Textile Chemists and Colorists
PO Box 12215
Research Triangle Park,
NC 27709-2215 USA
Telephone: (919) 549-8141
Fax: (919) 549-8933

AATCC Website: <http://www.aatcc.org/>

2.6.4 International Standards Organization (ISO) – Standards

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

International Organization for Standardization
ISO Central Secretariat
Chemin de Blandonnet 8
CP 401
1214 Vernier, Geneva
Switzerland
Telephone: +41 22 749 01 11
Fax: +41 22 733 34 30
E-mail: central@iso.org
ISO Website: <http://www.iso.org/iso/home.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).

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment.

3.1.1 Electronic Payment of Invoices – Bid

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Annex "B" Electronic Payment Instruments.

If Annex "B" Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

3.1.2 Exchange Rate Fluctuation

C3011T 2013/11/06 Exchange Rate Fluctuation

Section III: Certifications

Bidders must submit the certifications 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 1

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.

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Criteria

Pre-Award Sample (PAS) and Supporting Documentation

1) As part of the technical evaluation, to confirm a bidder's capability of meeting the technical requirements, one (1) pre-award sample of the Carrier, External, Load Carrying, Size 40-42R, Stock # 8080-200, and one (1) pre-award sample of the Carrier, External, Load Carrying, Size 32-34S, Stock # 8080-010 along with supporting documentation (certificates of compliance and laboratory test reports), will be required from low bidders after the bid closing date and upon a written request from PWGSC. The sample must be properly identified with the size and the RCMP stock-item number. The samples submitted by the Bidder will remain the property of Canada.

2) The Bidder must deliver the required pre-award samples, certificates of compliance, and laboratory test reports at no charge to Canada and must ensure that they are received within **28 calendar days** from PWGSC's request.

3) If any supporting documentation (test report or CofC) is missing, the Contracting Authority will inform the Bidder in writing and provide the Bidder with two (2) working days from the request to submit the missing documentation. Failure to submit the pre-award samples and the supporting documentation within the specified timeframe will result in the bid being declared non-responsive

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

5) The pre-awards sample will be evaluated for quality of workmanship and conformance to specified materials and measurements (except for substitutions as indicated below). Minor observations will not be a reason to reject the samples 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.

Substitution: In the event that the shell material is not available to the Bidder in the colour requested (paragraph 4.1.1 of the Specification) and in a time frame to manufacture the pre-award samples, the Bidder may use a substitute colour such as black or another dark colour and must include a statement that, should the Bidder be awarded the contract, all materials will be strictly in accordance with the technical requirement.

6) An RCMP viewing sample will be provided to bidders who are requested to provide pre-award samples and is 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.

7) Base patterns will also be provided to bidders who are requested to submit pre-award samples. The patterns are the property of the RCMP and must be returned to with the pre-award samples. If a bidder fails to submit the pre-award samples within the specified time frame or chooses not to submit the pre-award samples, the patterns must be returned directly to the RCMP without delay.

8. Laboratory Analysis - Test Reports:

Laboratory analysis of the product offered (as defined hereunder) showing test results for specific tests listed hereunder of physical properties detailed in the technical requirement must be provided with the pre-award sample. The laboratory reports and test results must be dated within **12 months** of the solicitation posting date and **all tests must be performed on the same material within a two week period.**

- a. The Shell, paragraph 4.1.1, Table I - requirements 2 and 5 through 11 is required if an alternate to the Doubletex Panamera SD35S is used. Test reports for Table I, requirement 12 through 15 may be submitted if using the approved colour.
- b. The Lining, paragraph 4.1.2, Table II - requirements 2 through 14 is required if an alternate to the Apex Mills "3D Spacer Mesh" DNB145 is used.
- c. The Lining, paragraph 4.1.3, Table III - requirements items 2 through 12 is required if an alternate to the Rentex Mills "Micro Polyester" R5281T is used.

Definition – Laboratory Analysis: 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 the 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.

8) **Certificates of Compliance:** In addition, Certificates of Compliance (as defined hereunder) are required with the pre-award samples. The Certificate of Compliance must be dated **within 18 months of the solicitation posting date.**

The following Certificates are required:

- a. Para. 4.1.1, Shell material, Table I of specification G.S.1045-360 when the known supplier is used;
- b. Para. 4.1.2, Lining (Spacer Mesh) Table II of the specification when the known supplier is used;
- c. Para. 4.1.3, Lining, Table III of the specification when the known supplier is used;
- d. Para. 4.1.4, Webbing;
- e. Para. 4.1.5.1 & 4.1.5.2, Thread;
- f. Para. 4.1.6, Hook and Loop tape;
- g. Para. 4.1.7.1 & 4.1.7.2 & 4.1.7.3, Slide Fasteners;
- h. Para. 4.1.10, Neoprene padding;
- i. Para. 4.1.11, Fusing.

Definition - Certificate of compliance: A Certificate of Compliance is defined, for this document, as a 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.

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, and in the pre-award samples and in the pre-production samples, and in the production units as applicable.**

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.

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

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

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 the items for the options.

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 Request for Proposal and meet all mandatory technical and financial evaluation criteria to be declared responsive.

Canada reserves the right to award two (2) contracts. The responsive bid with the lowest aggregate price will be recommended for the award of a contract for 60% of the quantities required. The responsive bid with the 2nd lowest aggregate price will be recommended for the award of a contract for 40% of the quantities required. If there is only one (1) responsive bid, 100% of the required quantities will be assigned to that Bidder.

The evaluation will be established using the firm quantity and 100% of the option quantities.

4.3 Contract Financial Security

1. **If this bid is accepted, the Bidder will 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 Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, **if applicable**, the declaration form available on the Forms for the Integrity Regime website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>) to be given further consideration in the procurement process.

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 section titled Information to be provided when bidding, contracting or entering into a real procurement agreement of the Ineligibility and Suspension Policy (<http://www.tpsgc-pwgsc.gc.ca/ciif/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 (<https://www.canada.ca/en/employment-social-development/programs/employmentequity/federal-contractorprogram.html>).

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.

5.3. Additional Certifications Precedent to Contract Award

5.3.1 Canadian Content Certification

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.

Canadian Content Certification

This procurement is limited to Canadian goods.

The Bidder certifies that:

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

Plant Location

Items will be manufactured at: _____

5.3.2 Samples 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

There is no security requirement applicable to this 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 Schedule - MANDATORY - Firm Quantity

The Contractor must make the first delivery within 45 calendar days from the date of the written notice of approval of the pre-production sample. The quantity delivered must be 300 units. The balance must be shipped at the rate of 200 units weekly after the first delivery until completion of the Contract.

Delivery Schedule - MANDATORY – Options 1, 2 and 3

The Contractor must make the first delivery within 45 calendar days from the date of the written notice of approval of the technical requirements of the option(s) and after final delivery of the contract quantity. The quantity delivered must be 300 units. The balance must be shipped at the rate of 200 units weekly after the first delivery until completion of the option quantity.

6.4.1.1 Shipping Instructions - Delivery at Destination

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

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. Ten (10) units to be placed in a plain shipping container approximately 22"L x 22"W x 8.5"D.

Marking

Marking and labelling to be in accordance with the Specification. 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.

Rejected Goods

It is an explicit condition of this agreement that any second quality garments, produced pursuant to the contract, will not be released, sold or offered to be sold, directly or indirectly to any person or corporation other than Canada.

Overrun/Underrun

The quantities stated herein represent the quantities to be delivered in order to satisfy the requirements of the Contract. Should the Contractor experience an overrun, they must provide the details in writing to the Contracting Authority prior to shipment for acceptance by the RCMP. At their discretion, the RCMP 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:

Sylvie Gravel
Public Works and Government Services Canada
Acquisitions Branch
Commercial and Consumer Products Directorate (CCPD)
Clothing & Textiles Division

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File No. - N° du dossier
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Place du Portage, Phase III, 6A2
11 Laurier Street
Gatineau, Quebec K1A 0S5
Telephone: 613-240-7281 Facsimile: 819-956-5454
E-mail address: sylvie.gravel@tpsgc-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.

6.5.2 Technical Authority

The Technical Authority for this Contract is:

RCMP - Uniform & Equipment Program
Design & Technical Authority 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 Prices

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 the following Electronic Payment Instrument:

(to be advised at contract award)

6.7 Invoicing Instructions

1. 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.
2. Invoices must be distributed as follows:
 - (a) 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
 - (b) One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.
 - (c) One (1) copy must be forwarded to the consignee.

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.

6.8.3 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 _____.

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, Specification G.S.1045-360 dated 2017-07-13;

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- e) Patterns;
- f) Viewing Sample;
- g) 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 item(s) Specified. The delivery stated for the item(s) 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

1. 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).

2. The Contractor agrees that Canada may publicly disclose the information provided with respect the countries of origin.

3. 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 Pre-Production Samples (PPS), and Supporting Documentation

1. Unless a waiver is requested by the supplier and granted by the RCMP, the Contractor must provide the pre-production sample and component samples listed below for evaluation prior to production. The PPS and component samples must be submitted to the RCMP Technical Authority for acceptance within **28 calendar days** from date of contract award. The viewing sample, if one was provided, should accompany this package.

-
- a. Carrier, External, Load Carrying, Size 40-42R, Stock # 8080-200; or size as requested by the Contracting Authority;

Component samples:

- b. Shell, paragraph 4.1.1, Table I – one metre full width;
c. Lining, paragraph 4.1.2, Table II – one metre full width;
d. Lining, paragraph 4.1.3, Table III – one metre full width;

A component sample is a piece or part used in the overall construction of the garment. The component requirement is indicated in the specification and the sample submitted shall adhere to the specification requirements.

2. The Contractor must use the base pattern to make the PPS of the carrier. The samples must be delivered transportation charges prepaid, and without charge to Canada. The PPS submitted by the Contractor will remain the property of Canada.

3. If the PPS is rejected, the Contractor must submit a second PPS within 21 calendar days of notification of rejection from the Technical Authority.

4. If the PPS is accepted by either full acceptance or conditional acceptance, the Contractor must proceed with production as per the Contract requirements.

5. Rejection by the Technical Authority of the second PPS submitted by the Contractor for failing to meet the contract requirements will be grounds for termination of the Contract for default.

6. **Test Reports:** In addition to providing the PPS, the Contractor must provide laboratory analysis of the product (as defined hereunder) showing test results for specific tests listed hereunder of physical properties detailed in the specification G.S. 1045-360. The test results must be submitted with the PPS and component samples. The laboratory report and **test results must be dated after contract award and all tests must be performed on the same material within a two week period.** Rejection by the Technical Authority of the test report submitted by the Contractor for failing to meet the contract requirements will be grounds for termination of the Contract for default.

- a. The Shell, paragraph 4.1.1, Table I - requirements 2 and 5 through 15 is required.
b. The Lining, paragraph 4.1.2, Table II - requirements 2 through 14 is required.
c. The Lining, paragraph 4.1.3, Table III - requirements items 2 through 12 is required.

Definition - Laboratory Analysis: Test report documents signed and dated by a single certified independent testing facility, 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 the 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.

7. The Technical Authority will notify the Contractor, in writing, of the full acceptance, conditional acceptance, or rejection of the pre-production sample, component sample(s) and test reports. A copy of the 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 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, component sample(s) and test reports are fully acceptable or conditionally acceptable. Any production of items before acceptance will be at the sole risk of the Contractor. If the pre-production

sample, component sample(s) and test reports are accepted by either full acceptance or conditional acceptance, the Contractor must proceed with production as per the Contract requirements.

6.17. Technical Requirements for the Option Quantities

1. The Contractor must provide component samples, laboratory test reports and Certificates of Compliance for each option exercised independently. The component samples, test reports and Certificates of Compliance must be submitted to the Technical Authority for approval within **30 days** from receipt of the contract amendment exercising the option and prior to beginning production of the option quantities.

2. The Contractor must submit the following component samples.

- a. Component sample: Shell, paragraph 4.1.1, Table I – one metre full width;
- b. Component sample: Lining, paragraph 4.1.2, Table II – one metre full width;
- c. Component sample: Lining, paragraph 4.1.3, Table III – one metre full width

3. The test reports listed below must be submitted for approval and must be dated within **3 months** of exercising the option. These documents must be representative of the components used for the option quantities. The test reports must be performed on production materials and all tests must be performed on the same material within a two-week period. (Refer to Article 6.16, paragraph 6 for the definition of Laboratory Analysis).

If using the same fabric manufacturer:

- a. The Shell, paragraph 4.1.1, Table I - requirements 10 through 15 is required;
- b. The Lining, paragraph 4.1.2, Table II - requirements 8 through 10 and 12 through 14 is required;
- c. The Lining, paragraph 4.1.3, Table III - requirements 11 and 12 is required.

If using a new fabric manufacturer:

- d. The Shell, paragraph 4.1.1, Table I - requirements 2 and 5 through 15 is required;
- e. The Lining, paragraph 4.1.2, Table II - requirements 2 through 14 is required;
- f. The Lining, paragraph 4.1.3, Table III - requirements 11 and 12 is required.

Note: If any of the fabric suppliers change during the period of the contract then a complete test report is required.

4. In addition, the following Certificates of Compliance are required and must be dated **within 30 calendar days** of exercising the option.

- a. Webbing, paragraph 4.1.4;
- b. Thread, paragraph 4.1.5.1 & 4.1.5.2;
- c. Hook & Loop Tape, paragraph 4.1.6;
- d. Slide Fasteners, paragraph 4.1.7.1, 4.1.7.2 and 4.1.7.3;
- e. Neoprene padding, paragraph 4.1.10;
- f. Fusing, paragraph 4.1.11.

Refer to Article 6.16, paragraph 7 for the Certificate of Compliance definition.

5. Rejection by the Technical Authority of the component samples or test reports or of the Certificates of Compliance submitted by the Contractor for failing to meet the contract requirements will be grounds for termination of the Contract for default.

6. The Contractor must not commence production of the option quantities and must not make any deliveries until the Contractor has received a written notification from the Technical Authority that the component samples, test reports and Certificates of Compliance are fully acceptable or conditionally acceptable. Any production of the option quantities before acceptance will be at the sole risk of the Contractor. If the test reports or Certificates of Compliance are accepted by either full acceptance or conditional acceptance, the Contractor must proceed with production as per the Contract requirements.

6.18 Technical Requirements During Production

1. In addition to the pre-production sample, and if requested by the Technical Authority, the Contractor must submit one or more production samples, certificates of compliance and test reports 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 or certificates of compliance or test reports submitted by the Contractor for failing to meet the contract requirements may be grounds for termination of the Contract for default.

6.19. Patterns

The full set of patterns either in individual size or as a graded nest will be provided by the RCMP to the Contractor following contract award (refer to Appendix A of the specification G.S. 1045-360). The base pattern must be used to make the PPS. The bidder must specify their preference for paper or electronic patterns. The patterns are the property of the RCMP and must be returned directly to the RCMP upon completion of the contract.

6.20 Viewing Sample - 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.

6.21 Viewing Sample - Return to Sender

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

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

6.22 Specifications and Standards

6.22.1 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>

6.22.2 ASTM International – Standards

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

ASTM Headquarters
100 Barr Harbor Drive
PO Box C700
West Conshohocken, PA
19428-2959 USA
Telephone: 1-877-909-2786 (USA & Canada) or 610-832-9585 (International)
ATSM Website: <http://www.astm.org/Standard/>

6.22.3 American Association of Textile Chemists and Colorists (AATCC)

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

American Association of Textile Chemists and Colorists
PO Box 12215
Research Triangle Park,
NC 27709-2215 USA
Telephone: (919) 549-8141
Fax: (919) 549-8933
AATCC Website: <http://www.aatcc.org/>

6.22.4 International Standards Organization (ISO) – Standards

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

International Organization for Standardization
ISO Central Secretariat
Chemin de Blandonnet 8
CP 401
1214 Vernier, Geneva
Switzerland
Telephone: +41 22 749 01 11
Fax: +41 22 733 34 30
E-mail: central@iso.org
ISO Website: <http://www.iso.org/iso/home.html>

6.23 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.

**ANNEX "A"
REQUIREMENT**

1. TECHNICAL REQUIREMENT

The Contractor is required to provide Canada for the Royal Canadian Mounted Police (RCMP) with Carrier, External, Load Carrying in accordance with the RCMP Specification G.S.1045-360 dated July 13, 2017, the patterns and the viewing samples.

2. DESTINATION & 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

Firm Quantity

| Item | Description | Firm Quantity | Unit of Issue | Firm Unit Price, DDP, Transportation costs included, Applicable taxes extra |
|-------------|---------------------------------------|----------------------|----------------------|--|
| 1 | 8080 Carrier, External, Load Carrying | 3,200 | Each | \$ _____ |

Size Roll – Item 1

| Stock Number | Size | Quantity (each) |
|---------------------|-------------|------------------------|
| 8080-010 | 32-34S | 200 |
| 8080-020 | 36-38S | 200 |
| 8080-030 | 40-42S | 80 |
| 8080-100 | 36-38R | 480 |
| 8080-200 | 40-42R | 750 |
| 8080-300 | 44-46R | 430 |
| 8080-350 | 48-50R | 80 |
| 8080-400 | 36-38T | 120 |
| 8080-500 | 40-42T | 400 |
| 8080-600 | 44-46T | 320 |
| 8080-700 | 48-50T | 140 |

OPTION 1

| Item | Description | Estimated Quantity | Unit of Issue | Firm Unit Price, DDP, Transportation costs included, Applicable taxes extra |
|------|---------------------------------------|--------------------|---------------|---|
| 2 | 8080 Carrier, External, Load Carrying | 4,000 | Each | \$ _____ |

OPTION 2

| Item | Description | Estimated Quantity | Unit of Issue | Firm Unit Price, DDP, Transportation costs included, Applicable taxes extra |
|------|---------------------------------------|--------------------|---------------|---|
| 3 | 8080 Carrier, External, Load Carrying | 4,000 | Each | \$ _____ |

OPTION 3

| Item | Description | Estimated Quantity | Unit of Issue | Firm Unit Price, DDP, Transportation costs included, Applicable taxes extra |
|------|---------------------------------------|--------------------|---------------|---|
| 4 | 8080 Carrier, External, Load Carrying | 4,000 | Each | \$ _____ |

4. OPTION QUANTITIES - Items 2, 3 and 4

The Contractor grants to Canada the irrevocable option to acquire the goods described under items 2,3 and 4 under the same terms and conditions and at the prices stated in the Contract. Three (3) options may be exercised for a minimum quantity of 2,000 units up to a maximum quantity of 4,000 units per option.

The options may only be exercised by the Contracting Authority and will be evidenced through a contract amendment. One (1) amendment per option may be issued.

The Contracting Authority may exercise the option as follows:

Option 1: within 12 months from the contract award date by sending a written notice to the Contractor.

Option 2: within 24 months from the contract award date by sending a written notice to the Contractor.

Option 3: within 36 months from the contract award date by sending a written notice to the Contractor.

The size roll will be provided if and when the option is exercised.

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ANNEX "B"

ELECTRONIC PAYMENT INSTRUMENTS

The Bidder accepts any of the following Electronic Payment Instrument(s):

- VISA Acquisition Card;
- MasterCard Acquisition Card;
- Direct Deposit (Domestic and International);
- Electronic Data Interchange (EDI);
- Wire Transfer (International Only);
- Large Value Transfer System (LVTS) (Over \$25M)

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ANNEX "C"

SPECIFICATION G.S. 1045-360 DATED 2017-07-13



Royal Canadian Mounted Police
Gendarmerie royale du Canada

Doc. no: G.S. 1045-360
Date: 2017-07-13

Specification

Carrier, External, Load Carrying

This document has 29 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.



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

SPECIFICATION
CARRIER, EXTERNAL, LOAD CARRYING

1. Definition

- 1.1 This specification must govern the manufacture and inspection of Carrier, External, Load Carrying. The specific item covered under this specification with stock number is as follows:
- i. 8080 – Carrier, External, Load Carrying / Gilet pare-balles extérieur de transport de charges
- 1.2 This specification, patterns, 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 R.C.M.P. Carrier, External, Load Carrying.
- 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; 14-2005, 5.1-M90 (2013), 6-2013, 7-M88 (2001), 9.2-M90 (R2013), 12.1-M90 (R2004), 18.3-97 (R2010), 19.1-2004 (R2013), 22-2004 (R2013), 23-M90 (2013), 26.2-94 (R2012), 51.2-M87, 58-2004.
- 2.3 CAN/CGSB 4.131-93, Thread, Polyester.
- 2.4 CAN/CGSB 86.1-2003 Care Labeling of Textiles.
- 2.5 ASTM, American Society for Testing and Materials, Method D3787-15, D3776/D3776M-09a (2013), D1777-96 (2015), D3786/D3786M-13 and D4966-12.

- 2.6 AATCC American Association of Textile Chemists and Colorists - Technical Manual Methods; 8-2013, 15-2013, 61-2013 and 100-2012.
- 2.7 Federal Standard, Textile Test Methods; FED-STD191-5206.
- 2.8 ISO, International Standards Organization Textile Test methods; ISO 105-B02:2014, ISO 4920:2012, ISO 6330:2012, ISO 7211-2:1984, ISO 11092:2014, ISO 13937-1.
- 2.9 RCMP, G.S.1045-177 Vest, Soft Body Armour.
- 2.10 CAN/CGSB 4-GP-85Ma, Thread, Nylon.

3. **General Requirements**

- 3.1 The article or material covered by this specification must be free from material and manufacturing defects that may affect its appearance or serviceability. In all particulars not covered by this specification or contract documents, production must be equivalent in all respects to the viewing sample.
- 3.2 **Design** - Carrier, External, Load Carrying to this specification must be a vest-like, garment which will be used to carry RCMP issue ballistic body armour panels as specified in Para. 2.9. The carrier will be worn over a duty shirt. The carrier must be dark blue in colour with encapsulated elastic waist strap with front closure and adjustable shoulder straps. The carrier must come with chest pockets, permanent POLICE identification markings, and “Molle” attachment webbing on the front.

4. **Detail Requirements**

4.1 **Components**

- 4.1.1 **Shell Material** – The shell material must be a dark navy 65% polyester/35% cotton ripstop fabric meeting the requirements outlined in Table I. Doubletex product “Panamera” SD35S in colour #28606Y Dark Navy is known to meet the above requirements.

- 4.1.2 **Lining Material, Spacer Mesh** – The mesh lining must be a black, 100% Polyester fabric, meeting the requirements of Table II. Apex Mills “3D Spacer Mesh” DNB145 is known to meet the requirement.
- 4.1.3 **Lining Material, Wicking/Moisture dissipating** – The lining material must be a dark navy or black 100% polyester pique knit material meeting the requirements outlined in Table III. Rentex Mills “Micro Polyester” R5281T is known to meet the above requirements.
- 4.1.4 **Webbing, Accessory & Microphone Strap** – The webbing must be a durable nylon webbing, luggage quality, black in colour measuring 2.54 cm (1”) wide and 0.04” ± 0.01” thick. It must have a minimum tensile strength of 1000 lbs. as per Federal Standard 191-5206 test method #4108 and be equal in appearance to the viewing sample. Tape Craft #N0015S-1”-YD001-352 is known to meet the requirements.
- 4.1.5 **Thread**
- 4.1.5.1 **Seam and Stitching Thread** – The thread must be polyester wrap, polyester core, Tex 50, Class B, Type I of matching shade to the shell material, meeting CAN/CGSB 4.131-93.
- 4.1.5.2 **Reinforce Stitching Thread** – The thread must be a nylon continuous filament bonded, Class A, Type II, Tex 45, meeting CAN/CGSB 4-GP-85Ma. It must be black in colour.
- 4.1.6 **Hook and Loop Tape** – The hook and loop tape must be nylon, black in colour, with a high life cycle. The combined hook and loop must have no less than 8 P.S.I length-wise shear strength with initial peel strength of not less than 1 P.I.W. when tested to ASTM D5169-98 (2015), standard test method for shear strength [dynamic method] of hook and loop touch fasteners and ASTM D5170-98 (2015), standard test method for peel strength [“T” method] of hook and loop touch fasteners. Dimensions must be as per drawings and pattern template.
- 4.1.7 **Slider Fastener**
- 4.1.7.1 **Horizontal Chest Pocket** – The slide fastener must be a 2-way closed end slide fastener, black in colour with auto-locking sliders, two arranged in a head to head relation and one opening from the left and one opening from the right. YKK 13094 CIFMC 59/9 DS6YG C5/DS6YG C5 5/8*BTM-2*H-H* (only) 24 cm (9½”) in length (only).

- 4.1.7.2 **Side Pockets** – The slide fastener must be one way closed end fastener with an semi-locking slider, C5 finish, black in colour, with black rubber pull tab, YKK #12960 C1FC 59 DS6YG C5 5/8, length 13 cm (5”) (only).
- 4.1.7.3 **Interior Access Panel** – The slide fastener must be a 1-way reverse coil closed end slide fastener, black in colour with an auto-locking slider. There must be a stopper on each end of the slide fastener or the slide fastener must be secured with stitching as per drawing # 8. YKK 61351 5CI 5/8 CHAIN, or 75492 5CN DS6B C5 SLIDER (only). See sizing chart below.

| Slide Fastener Lengths For all Height Groups | |
|---|----------------|
| Size 32-34 | 14½" (36.8 cm) |
| Size 36-38 | 16½" (41.9 cm) |
| Size 40-42 | 17½" (44.5 cm) |
| Size 44-46 | 19½" (49.5 cm) |
| Size 48-50 | 21" (53.3 cm) |

- 4.1.8 **Elastic**
- 4.1.8.1 **Elastic, Waist Strap** – The waist strap must be heavy duty nylon or polyester elastic, black in colour, with maximum elongation of 130% and recovery as per viewing sample. It must be available in three widths, 10.2 cm (4”), 12.7 cm (5”) or 15 cm (6”) wide as specified.
- 4.1.8.2 **Elastic, Attachment Strap** – The attachment strap must be heavy duty nylon or polyester elastic, black in colour, 5 cm (2”) wide with maximum elongation of 130 % and recovery as per viewing sample.
- 4.1.9 **Binding Tape** – Must be heavy duty nylon grosgrain binding tape, black in colour 2.54 cm wide, 0.3 mm thickness, and be equal in all respects to viewing sample.
- 4.1.10 **Neoprene Padding** – The neoprene padding must be made of 100% Nylon on the outer surface and 10% Nylon/ 90% Neoprene as the inner content. It must be 725 g/m² ± 25g/m², 2.5 mm thick, black in colour and be equal in all respects to viewing sample.
- 4.1.11 **Fusing** – Care must be taken to ensure that, after application to the shell material, the fusible interlining shrinks no more than the predicted shrinkage of the shell material. The fusible interlining must have polyamide or a polyamide blend resin constructed in a dot pattern and sufficient in concentration for no delamination to

occur after home laundering. The fusing procedures must be those recommended by the fusible interlining supplier. The fusible interlining must be plain weave, 100% cotton with a mass of 120 g/m² – 150 g/m². It must be black in colour and meet all requirements outlined above, and be equal in all respects to viewing sample.

4.2 **Size and Dimensions** – Carrier, External, Load Carrying must be supplied in the sizes specified by the RCMP and to the dimensions given in the scale of measurements forming part of this specification. The garment components must be shaped, dimensioned and positioned in accordance with the pattern components and pattern requirements as outlined in Appendix A forming part of this specification.

4.3 **Construction**

4.3.1 **Stitching** - All stitching must be lockstitch. There must be not less than three or more than four stitches per centimeter. The beginning and ending of all stitching must be securely backstitch tacked, unless secured by other stitching. Where seaming, turning and stitching are required the edges must be properly worked out before stitching. Care must be taken to minimize unsightly gathering and puckering.

4.3.2 **Body**

4.3.2.1 **Front Pouch** - The front pouch must be made from the shell material specified in Para. 4.1.1, lined with the material specified in Para. 4.1.2 and 4.1.3, and must be sized and shaped to the pattern and the scale of measurements. Shoulder strap portions must extend over the shoulder in accordance with the drawings and pattern pieces. Each shoulder strap portion must have hook tape for shoulder closure and adjustment on the front side of the carrier. Hook tape must be placed on the face of the shell material at the shoulder edge as per drawings # 3 and 4. The name tag must be loop tape 8.5 cm long by 2.5 cm wide and positioned on right front as per patterns and drawings # 3 and 4.

The front of the external carrier in regular and tall sizes must have a large chest pocket with a horizontal opening, secured by the slide fastener specified in Para. 4.1.7.1, pocket depth to be 16 cm. Inside the chest pocket a horizontal pen/pencil loop must be placed at the slide fastener opening as per drawing # 6. **Note: There must be no horizontal chest pocket on any short sizes due to lack of available landscape.** The front of the external carrier in all sizes must have a single pocket with a vertical opening at each end, for a total of two openings. Each opening must

have a minimum length of 13.5 cm and be closed by the slide fastener specified in Para. 4.1.7.2. When both the horizontal-opening pocket and vertical-opening (side) pocket are included on a carrier, the pocket bag for the horizontal-opening pocket must be closest to the body side of the carrier.

The lower front portion of the pouch must have one piece of loop tape sewn on the center front, dimensioned as per pattern template. This loop tape must be positioned 2 cm above bottom edge, centered on front. The front flap must be of shell material as specified in Para 4.1.1 and must be reinforced with another piece of shell material fused with fusing as specified in Para. 4.1.11. It must be fixed to the inside flap and continue the full length and width of flap. The front flap must have 2 pieces of hook tape dimensioned as per pattern template, placed on the underside of flap, positioned according to drawings # 3 and 4. The front flap must have 3 rows of webbing as specified in Para. 4.1.4. Each row of webbing must be secured with vertical rows of reinforced zig zag stitching 3 mm wide at intervals of 3.8 cm (1.5”) across flap through all layers as per pattern template and Drawings # 3 and 4. The reinforced stitching must be done using thread as specified in Para. 4.1.5.2. **Care must be taken to ensure that there are no broken or dropped stitches when reinforced stitching is done to secure webbing. Care must also be taken to ensure that the secured webbing does not pull or buckle.** The finished flap must be secured to the pouch along the top edge with stitching using 3 mm gauge. The top edge of each corner of the flap must be bar tacked as per drawings # 3 and 4.

The inside of the front pouch must be lined with two lining materials as specified in Para. 4.1.2 and 4.1.3. The mesh lining as specified in Para. 4.1.2 for the upper shoulder portion must be bound with the binding tape as specified in Para. 4.1.9 along the bottom edge and sewn on top of the lining material as specified in Para. 4.1.3. The inside of the pouch must have a slide fastener to allow the insertion of ballistic panel with a finished opening as per Drawing # 8. The slide fastener for this pouch must be as specified in Para. 4.1.7.3. If not using stoppers on the slide fastener, then there must be a vertical stitching through all layers to secure the slide fastener as per drawing # 8. Inside the top of pouch at shoulder level are loop attachment straps to hold the ballistic panel in place. The attachment straps must measure 18 cm finished by 5 cm on short sizes, and 20.5 finished by 5 cm on tall and regular sizes, and be positioned as per Drawing # 7. The upper part of the attachment strap must be made from a durable elastic as specified in Para. 4.1.8.2 and must measure 10 cm in length. The first 5 cm must be stitched to the back side of the shell material of the carrier within the lower stitching line of the shoulder strap hook tape and the other 5 cm must hang attached to the loop tape for flexibility

of attaching the ballistic panels. The loop tape surface must face the lining materials to ensure proper adherence to the ballistic panels.

- 4.3.2.2 **Removable Shoulder Padding** – There must be a removable shoulder pad for each shoulder strap, 5 mm thick with ± 1 mm tolerance made from 2 layers of neoprene as specified in Para. 4.1.10 and covered with nylon fabric, black in colour. These shoulder paddings are to be inserted in front shoulder strap, between the shell and the mesh lining. It must be sized as 4.8 cm wide by 15.2 cm long and be equal in all respects to viewing sample.
- 4.3.2.3 **Back**- The back pouch must be made from shell material specified in Para. 4.1.1, lined with the material specified in Para. 4.1.2 and 4.1.3, and must be sized and shaped to the pattern and the scale of measurements. Loop tape must be applied to the body side of shoulder strap and measure as per Drawing #5. The loop tape must be placed in line with the piece edge. There must be webbing as specified in Para. 4.1.4 sewn on top side of shoulder strap 1.25 cm from the edge. It must be 6 cm long to fit across shoulder strap and sewn at each edge to create a loop. The inside of the back pouch must be lined with two lining materials as specified in Para. 4.1.2 and 4.1.3. The mesh lining as specified in Para. 4.1.2 for the upper shoulder portion must be bound with the binding tape as specified in Para. 4.1.9 along the bottom edge and sewn on top of the lining material as specified in Para. 4.1.3. The inside of the pouch must have a slide fastener to allow the insertion of ballistic panel with a finished opening as per Drawing # 8. The slide fastener for this pouch must be as specified in Para. 4.1.7.3. If not using stoppers on the slide fastener, then there must be a vertical stitching through all layers to secure the slide fastener as per drawing # 8. Inside the top of pouch at shoulder level are loop attachment straps to hold the ballistic panel in place. The attachment straps must measure 18 cm finished by 5 cm on short sizes, and 20.5 finished by 5 cm on tall and regular sizes, and be positioned as per Drawing # 7. The upper part of the attachment strap must be made from a durable elastic as specified in Para. 4.1.8.2 and must measure 10 cm in length. The first 5 cm must be stitched to the back side of the shell material of the carrier as per drawing # 2 and 5, and the other 5 cm must hang attached to the loop tape for flexibility of attaching the ballistic panels. The loop tape surface must face the lining materials to ensure proper adherence to the ballistic panels.
- 4.3.2.4 **Waist Strap** - The waist strap must be made from material specified in Para. 4.1.1 and 2 layers of elastic as specified in Para. 4.1.8.1. The strap must be sized and shaped to the pattern. The 2 layers of elastic must be encapsulated with material specified in Para. 4.1.1 and joined to the side seam of back panel on one side and to the waist strap on the other side, as per drawing # 5. The width of the elastic must be 10.2 cm (4") for short sizes, 12.7 cm (5") for regular sizes and 15.2 cm (6")

for tall sizes. The elastic is to be 6 cm long and be completely enclosed. There must be loop tape as specified in Para 4.1.6 sewn on the front of the waist strap sized as per the pattern template. There must also be loop tape measuring 2 cm by the width of the waist strap sewn to the single top layer of the encapsulated elastic close to front side of the waist strap. There must be hook tape as specified in Para 4.1.6 sewn on back of the waist strap sized as per the pattern template. Refer to Drawing # 5, inner view and viewing sample. This strap must be sandwiched between front and front flap for closure. Refer to Drawing # 2.

4.3.2.5 **'POLICE' Markings** - The front and rear portions of the external carrier must have permanent POLICE marking either silkscreened or heat-applied, Arial font, size and shape as indicated in the drawings and the viewing sample. Letter colour must be opaque White, equal to the viewing sample with no grin through of the shell material. This marking must be able to withstand normal washing and drying without degradation of the colour or permanency. There must be no loose or unbonded edges or corners.

4.4 **Marking & Cleaning Instructions Label** - Each vest must have a label marked legibly and indelibly in English and French attached in accordance with the requirements outlined below. The label must be placed at the bottom of the back panel on the left side as per drawing #5. The label information must be as outlined below in a text no less than a size 8 font. The text must be of permanent inks of a contrasting colour and must withstand at least 50 washes showing no apparent change in appearance. The manufacturer's identification must not appear anywhere on the garment except on the label as indicated.

1. Item name in English as written in Para. 1.1.
2. Item name in French as written in Para. 1.1.
3. RCMP stock number - reference contract documents. (Ex. 8080 000)
4. Size and height group of the article, combining the size designation referenced in the English and French contract documents. (Ex. 40-42/R – 40-42/R).
5. Date of manufacture, in numeric format year/month (Ex. 2001/11)
6. Your manufacturer identification (Company name or number).
7. Print information as shown below.

| | | |
|---|--|---|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |
| 6 | | |
| 7 | Machine wash - cool (30°C) | Laver à la machine - eau froide (30°C) |
| | Do Not use fabric softener or chlorine bleach | Ne pas utiliser d'agent adoucissant ou d'agent de blanchiment |
| | Tumble dry- low (Do Not use dryer sheets) | Séchage par culbutage – à basse température (Ne pas utiliser d'assouplissant en feuilles) |
| | Steam iron - low | Repassage à vapeur - à température basse |
| | Warning: Remove SBA panels before laundering | Veillez enlever les panneaux de protection avant le lavage. |

- 4.5 **Identification Label** - Each vest must have a durable blank label 2 cm x 7.5 cm applied separately above or beside the marking and cleaning label used for the inscription of the wearers' name.

5. **Quality Assurance Provisions**

- 5.1 **Responsibility for Inspection** - Unless otherwise stipulated in the contract, it is the prime contractor's responsibility to satisfy the R.C.M.P., Uniform & Equipment Program that the material and services being supplied conform to this specification. This may be accomplished by performing the tests specified in this specification or by demonstrating to the satisfaction of the R.C.M.P., Uniform & Equipment Program that conformity to this specification of manufacturing processes is assured. The contractor may use any commercial testing establishment acceptable to the R.C.M.P., Uniform & Equipment Program.
- 5.2 The R.C.M.P., Uniform & Equipment Program 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 must 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.

- 5.3 The contractor will be promptly notified when any articles are not accepted and such articles will be replaced/repared at the contractor's risk and expense.

6. **Methods of Measuring**

(Refer to the Scale of Measurements and Drawing No. 1).

- 6.1 **Center Front Length** – The length must be the distance measured from the base of the neckline at front to the hem. (A).
- 6.2 **Front Hem** – The hem must be the distance across the vest bottom. (B).
- 6.3 **Front Width** – The width must be measured across front at level of the binding tape between mesh and lining material. (C).
- 6.4 **Front Side Wing Height** – The width must be measured top to bottom of side wing. (D).
- 6.5 **Center Back Length** – The length must be the distance measured from the base of the neckline at center back to the hem. (E).
- 6.6 **Back Hem** – The hem must be the distance across the vest bottom of the vest and excluding the waist strap. (F).
- 6.7 **Back Width** – The width must be measured across back at level of the binding tape between mesh and lining material. (G).
- 6.8 **Back Side Wing Height** – The width must be measured top to bottom of side wing. (H).

| SCALE OF MEASUREMENTS –CARRIER, EXTERNAL, LOAD CARRYING | | | | | | | | | |
|---|---------------------|-----------|-----------------------------|------------------------|--------------------|----------|----------------------------|-----------------------|-------|
| GARMENT MEASUREMENT | | | | | | | | | |
| SIZE DESIGNATION | Center Front Length | Front Hem | Front Width at Binding Tape | Front Side Wing Height | Center Back Length | Back Hem | Back Width at Binding Tape | Back Side Wing Height | |
| 32 - 34 S | 32.6 | 44 | 27.5 | 19.75 | 36.4 | 44 | 27.75 | 19.75 | 19.75 |
| 36 - 38 S | 33.2 | 49 | 29.25 | 19.75 | 37 | 49 | 29.5 | 19.75 | 19.75 |
| 40 - 42 S | 33.9 | 54 | 31 | 19.75 | 37.7 | 54 | 31.25 | 19.75 | 19.75 |
| 44 - 46 S | 34.5 | 59 | 32.75 | 19.75 | 38.3 | 59 | 33 | 19.75 | 19.75 |
| 48 - 50 S | 35.2 | 64 | 34.5 | 19.75 | 39 | 64 | 34.75 | 19.75 | 19.75 |
| 32 - 34 R | 37.6 | 44 | 27.5 | 23.5 | 41.4 | 44 | 27.75 | 23.5 | 23.5 |
| 36 - 38 R | 38.2 | 49 | 29.25 | 23.5 | 42 | 49 | 29.5 | 23.5 | 23.5 |
| 40 - 42 R | 38.9 | 54 | 31 | 23.5 | 42.7 | 54 | 31.25 | 23.5 | 23.5 |
| 44 - 46 R | 39.5 | 59 | 32.75 | 23.5 | 43.3 | 59 | 33 | 23.5 | 23.5 |
| 48 - 50 R | 40.2 | 64 | 34.5 | 23.5 | 44 | 64 | 34.75 | 23.5 | 23.5 |
| 32 - 34 T | 40.6 | 44 | 27.5 | 25.5 | 44.4 | 44 | 27.75 | 25.5 | 25.5 |
| 36 - 38 T | 41.2 | 49 | 29.25 | 25.5 | 45 | 49 | 29.5 | 25.5 | 25.5 |
| 40 - 42 T | 41.9 | 54 | 31 | 25.5 | 45.7 | 54 | 31.25 | 25.5 | 25.5 |
| 44 - 46 T | 42.5 | 59 | 32.75 | 25.5 | 46.3 | 59 | 33 | 25.5 | 25.5 |
| 48 - 50 T | 43.2 | 64 | 34.5 | 25.5 | 47 | 64 | 34.75 | 25.5 | 25.5 |
| Tolerances ± | 1 cm | 1 cm | 1 cm | 1 cm | 1 cm | 1 cm | 1 cm | 1 cm | 1 cm |
| Measurement Location | A | B | C | D | E | F | G | H | |

NOTE: All measurements are in centimeters unless otherwise indicated.

TABLE I
Shell Material

| REQUIREMENT | | TEST METHODS | |
|-------------|--|--|---|
| 1 | Colour | Dark Navy, to match swatch available from RCMP Uniform & Equipment Program | |
| 2 | Fibre Content | 65% Polyester 35% Cotton $\pm 2.5\%$ | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 14-2005 |
| 3 | Weave | Ripstop | <ul style="list-style-type: none"> Visual |
| 4 | Width | 163 cm (min.) | <ul style="list-style-type: none"> |
| 5 | Mass | 290 g/m ² $\pm 14\text{g/m}^2$ | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 5.1-M90 (2013) OR ASTM D3776/D3776M-09a (2013) |
| 6 | Yarns per cm | Warp: 42 min. Weft: 18 min. | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 6-2013 OR ISO 7211-2:1984 |
| 7 | Breaking Strength - Grab Method | Warp: 1000 Newtons min Weft : 550 Newtons min | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 9.2-M90 (2013) |
| 8 | Tearing Strength - Rip Method | Warp: 45 Newtons min Weft: 25 Newtons min | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 12.1-M90 (R2004) |
| 9 | Abrasion Resistance - Martindale Method Part 2 (Determination of Specimen Breakdown) | No breakdown after 30,000 at 9 kPa | <ul style="list-style-type: none"> ASTM D4966-12 |
| 10 | Dimensional Change in Domestic Laundering (cool wash 40°C) | Warp: 2% max Weft: 2% max | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 58-2004 |
| 11 | Resistance to Surface Wetting - Spray Method | 100 initial 90 after 5 washes or better | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 26.2-94 (R2012) OR ISO 4920:2012 |
| 12 | Colourfastness - To Light | Equal to AATCC Standard L6 or better | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 18.3-97 (R2010) OR ISO 105-B02:2014 |
| 13 | Colourfastness - To Crocking | Dry: Grade 4 or better Wet: Grade 3 or better | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 22-2004 (R2013) OR ISO 105-C01 |
| 14 | Colourfastness - To Perspiration | Grade 4 or better | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 23-M90 (2013) OR ISO 105-E-04 |
| 15 | Colourfastness - To Laundering (cool wash 40°C) | Grade 4 or better | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 19.1-2004 (R2013) |

TABLE II
Mesh Lining Material

| REQUIREMENT | | TEST METHODS | |
|-------------|--|--|--|
| 1 | Colour | Black | |
| 2 | Fibre Content | 100% Polyester | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 14-2005 |
| 3 | Knit | Spacer Mesh | <ul style="list-style-type: none"> Visual |
| 4 | Width | 152 cm (min.) | <ul style="list-style-type: none"> |
| 5 | Mass | 275 g/m ² ± 14g/m ² | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 5.1-M90 (2013) OR ASTM D3776/D3776M-09a (2013) |
| 6 | Yarns per cm | Wales: 10 ± 3 Courses: 22 ± 3 | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 7- M88 (2001) OR ISO 7211-2:1984 |
| 7 | Instron Ball Burst (psi) | 130 min | <ul style="list-style-type: none"> ASTM D3787-15 |
| 8 | Dimensional Change in Domestic Laundering (cool wash 40°C) | Warp: 2% max Weft: 2% max | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 58-2004 |
| 9 | Wicking Treatment | Warp: 47 sec/in (max) Weft: 60 sec/in (max) | <ul style="list-style-type: none"> INDA IST 10.1 (95) |
| 10 | Antimicrobial Treatment Tested for s. aureus, e. coli, k. pneumonia | 95% killed within 24 hours | <ul style="list-style-type: none"> AATCC 100-2012 |
| 11 | Thickness | 2 mm ± 0.5mm | <ul style="list-style-type: none"> ASTM D1777-96 (2015) |
| 12 | Colourfastness - To Crocking | Dry: Grade 4 or better Wet: Grade 3 or better | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 22-2004 (R2013) OR ISO 105-C01 OR AATCC 8-2013 |
| 13 | Colourfastness - To Perspiration | Grade 4 or better | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 23-M90 (2013) OR ISO 105-E-04 OR AATCC 15-2013 |
| 14 | Colourfastness - To Laundering (cool wash 40°C) | Grade 4 or better | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 19.1-2004 (R2013) Test 1 OR AATCC 61-2013 |

TABLE III
Lining Material

| REQUIREMENT | | TEST METHODS | |
|-------------|--|--|---|
| 1 | Colour | Dark Navy (to match swatch available from RCMP Uniform & Equipment Program) or Black | |
| 2 | Fibre Content | 100% Polyester 70 denier (min.) | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 14-2005 |
| 3 | Knit | Warp Knit (pique) | <ul style="list-style-type: none"> Visual |
| 4 | Width | 152 cm (min.) | <ul style="list-style-type: none"> |
| 5 | Mass | 144 g/m ² ± 7g/m ² | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 5.1-M90 (2013) OR ASTM D3776/D3776M-09a (2013) |
| 6 | Yarns per cm | Wales: 14.6 ± 3 Courses: 14.2 ± 3 | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 7-M88 (2001) OR ISO 7211-2:1984 |
| 7 | Mullen Burst (psi) | 160 min | <ul style="list-style-type: none"> ASTM D3786/D3786M-13 |
| 8 | Dimensional Change in Domestic Laundering (cool wash 40°C) | Warp: 2% (max) Weft: 2% (max) | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 58-2004 |
| 9 | Wicking Treatment | Warp: 35 sec/in (max) Weft: 45 sec/in (max) | <ul style="list-style-type: none"> INDA IST 10.1 (95), par. 10 |
| 10 | Antimicrobial Treatment Tested for s. aureus, e. coli, k. pneumonia | 95% killed within 24 hours | <ul style="list-style-type: none"> AATCC 100-2012 |
| 11 | Colourfastness - To Crocking | Dry: Grade 4 or better Wet: Grade 4 or better | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 22-2004 (R2013) OR ISO 105-C01 |
| 12 | Colourfastness - To Laundering (cool wash 40°C) | Grade 4 or better | <ul style="list-style-type: none"> CAN/CGSB-4.2 Method 19.1-2004 (R2013) |

APPENDIX A

Sealed Pattern Identifier

Pattern Title: Carrier, External, Load Carrying Regular & Tall
Carrier, External, Load Carrying Short

Patterns - Patterns are available from the RCMP, Uniform and Equipment Program. 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 bidder has the option of receiving the files electronically in a .DXF format or on paper.

The patterns include seam allowances, drill holes and/or placement templates. All pieces must be cut in the direction indicated on the grain line of the pattern pieces. Manufacturers may make changes required to suit their production process, however, the design and grade must not be affected or changed.

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

Pattern Pieces Regular and Tall - The design has 24 pattern components.

Pattern Pieces Short - The design has 22 pattern components.

| | |
|-----------------------|----------------|
| <u>Legend:</u> | |
| Cut 1 Single | = Cut 1 |
| Cut 1 Paired | = Cut 2 |
| Shell Material | = Para. 4.1.1 |
| Mesh | = Para. 4.1.2 |
| Lining | = Para. 4.1.3 |
| Fusing | = Para. 4.1.11 |
| Neoprene | = Para. 4.1.10 |

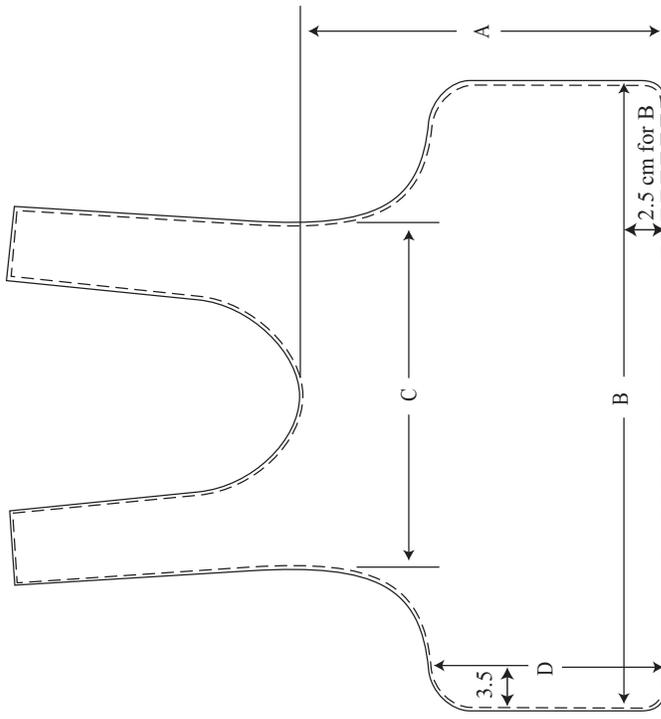
| Carrier, External Load Carrying Regular and Tall Sizes | | | |
|---|---------------------|---------------------------|-----------------|
| Pattern Components | Nomenclature | Quantity to be cut | Material |
| # 1 of 24 | Back | 1 Single | Shell Material |
| # 2 of 24 | Front | 1 Single | Shell Material |
| # 3 of 24 | Front Flap | 1 Single | Shell Material |

| Carrier, External Load Carrying Regular and Tall Sizes | | | |
|---|-----------------------------|---------------------------|-----------------|
| Pattern Components | Nomenclature | Quantity to be cut | Material |
| # 4 of 24 | Flap Reinforcement | 1 Single | Shell Material |
| # 5 of 24 | Top Welt | 1 Single | Shell Material |
| # 6 of 24 | Side Pocket Welt | 1 Paired | Shell Material |
| # 7 of 24 | Pocket Bag A – Front Side | 1 Single | Shell Material |
| # 8 of 24 | Pocket Bag B – Front Side | 1 Single | Shell Material |
| # 9 of 24 | Pen/Pencil Loop | 1 Single | Shell Material |
| # 10 of 24 | Side Flap with Loop | 1 Paired | Shell Material |
| # 11 of 24 | Side Flap Hook | 1 Paired | Shell Material |
| # 12 of 24 | Front Shell Pocket | 1 Single | Shell Material |
| # 13 of 24 | Front Shell Pocket Facing | 1 Single | Shell Material |
| # 14 of 24 | Side Elastic Cover | 1 Paired | Shell Material |
| # 15 of 24 | Back – Lower Lining | 1 Single | Lining Material |
| # 16 of 24 | Back – Upper Lining | 1 Single | Lining Material |
| # 17 of 24 | Front – Lower Lining | 1 Single | Lining Material |
| # 18 of 24 | Front – Upper Lining | 1 Single | Lining Material |
| # 19 of 24 | Zip Ends | 2 Paired | Lining Material |
| # 20 of 24 | Back – Upper Mesh | 1 Single | Mesh Material |
| # 21 of 24 | Front – Upper Mesh | 1 Single | Mesh Material |
| # 22 of 24 | Flap Reinforcement - Fusing | 1 Single | Fusing |
| # 23 of 24 | Shoulder Padding | 2 Paired | Neoprene |
| # 24 of 24 | Shoulder Padding - Lining | 2 Paired | Nylon Lining |

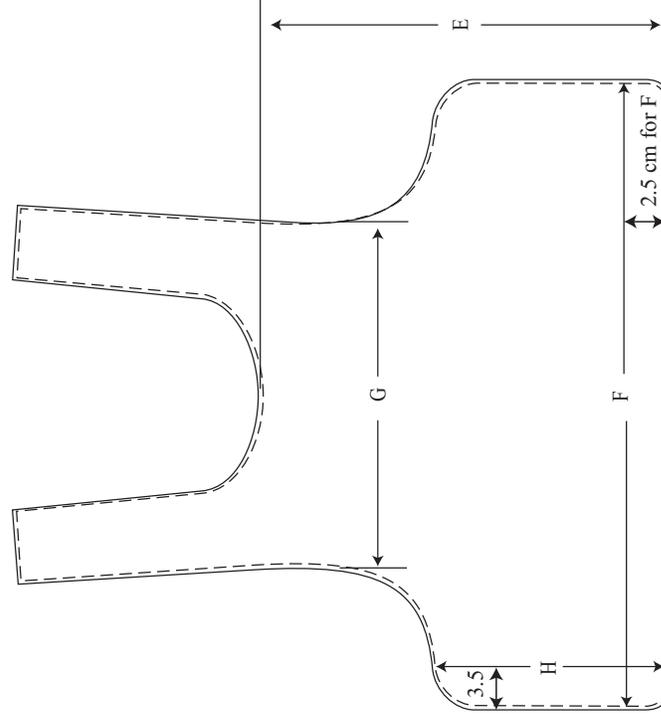
| Carrier, External Load Carrying Short Sizes | | | |
|--|-----------------------------|---------------------------|-----------------|
| Pattern Components | Nomenclature | Quantity to be cut | Material |
| # 1 of 22 | Back | 1 Single | Shell Material |
| # 2 of 22 | Front | 1 Single | Shell Material |
| # 3 of 22 | Front Flap | 1 Single | Shell Material |
| # 4 of 22 | Flap Reinforcement | 1 Single | Shell Material |
| # 5 of 22 | Top Welt | 1 Single | Shell Material |
| # 6 of 22 | Side Pocket Welt | 1 Paired | Shell Material |
| # 7 of 22 | Pocket Bag A – Front Side | 1 Single | Shell Material |
| # 8 of 2 | Pocket Bag B – Front Side | 1 Single | Shell Material |
| # 9 of 22 | Pen/Pencil Loop | 1 Single | Shell Material |
| # 10 of 22 | Side Flap with Loop | 1 Paired | Shell Material |
| # 11 of 22 | Side Flap Hook | 1 Paired | Shell Material |
| # 12 of 22 | Side Elastic Cover | 1 Paired | Shell Material |
| # 13 of 22 | Back – Lower Lining | 1 Single | Lining Material |
| # 14 of 22 | Back – Upper Lining | 1 Single | Lining Material |
| # 15 of 22 | Front – Lower Lining | 1 Single | Lining Material |
| # 16 of 22 | Front – Upper Lining | 1 Single | Lining Material |
| # 17 of 22 | Zip Ends | 2 Paired | Lining Material |
| # 18 of 22 | Back – Upper Mesh | 1 Single | Mesh Material |
| # 19 of 22 | Front – Upper Mesh | 1 Single | Mesh Material |
| # 20 of 22 | Flap Reinforcement - Fusing | 1 Single | Fusing |
| # 21 of 22 | Shoulder Padding | 2 Paired | Neoprene |
| # 22 of 22 | Shoulder Padding - Lining | 2 Paired | Nylon Lining |

Measurement Location

Dwg. 1



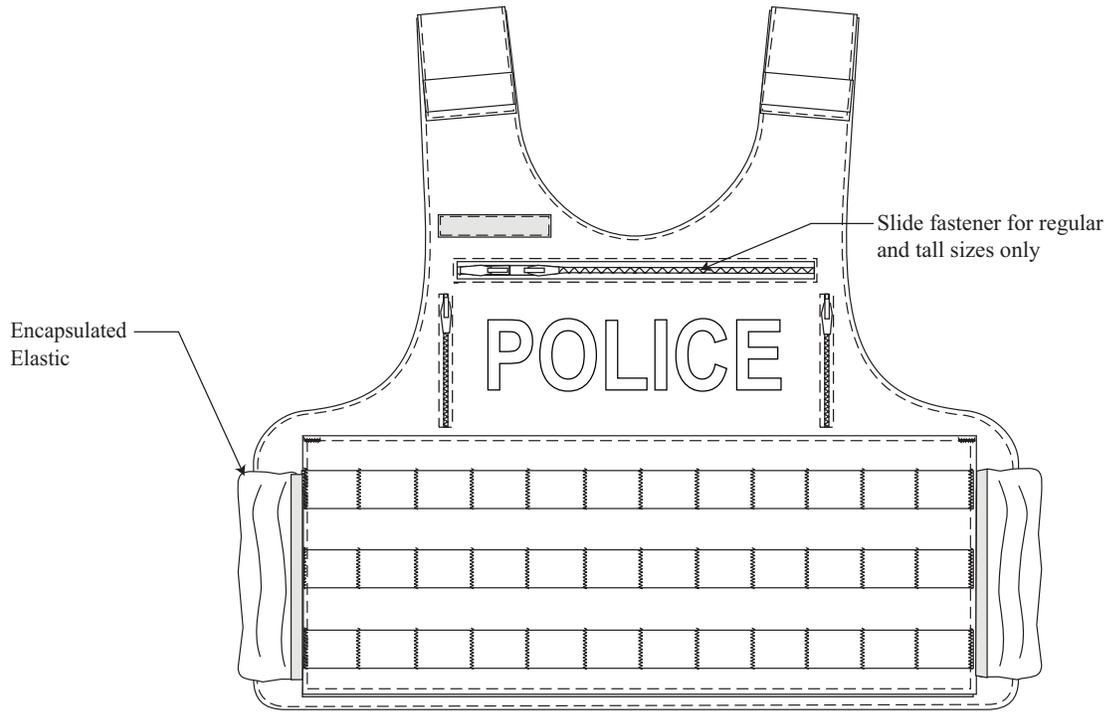
Front Pouch, body side



Rear Pouch, body side
(show without waist straps)

All Measurements in Centimeters
Unless otherwise stated all measurements are subject to ± 0.5 cm tolerances
NOT TO SCALE

Dwg. 2



Front View



Rear View

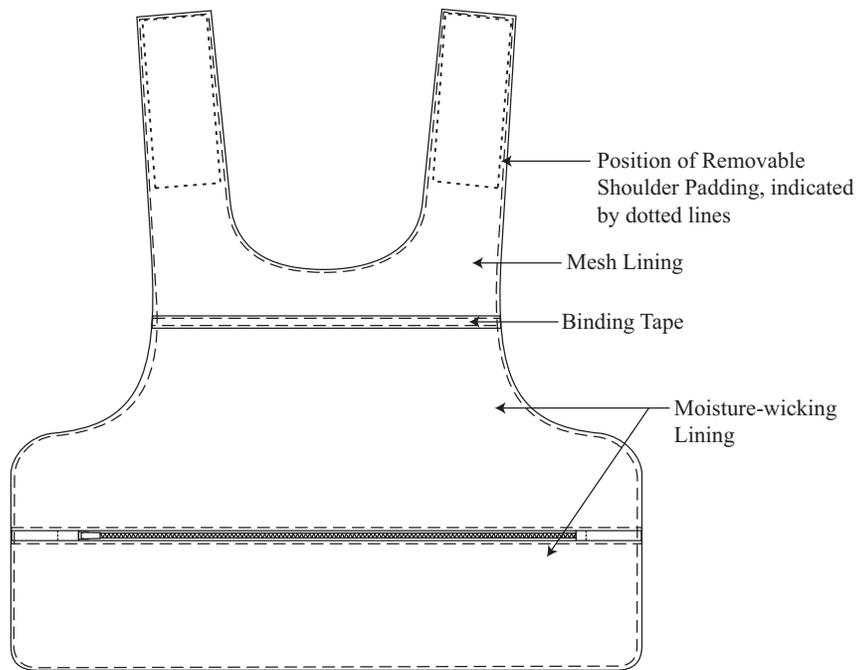
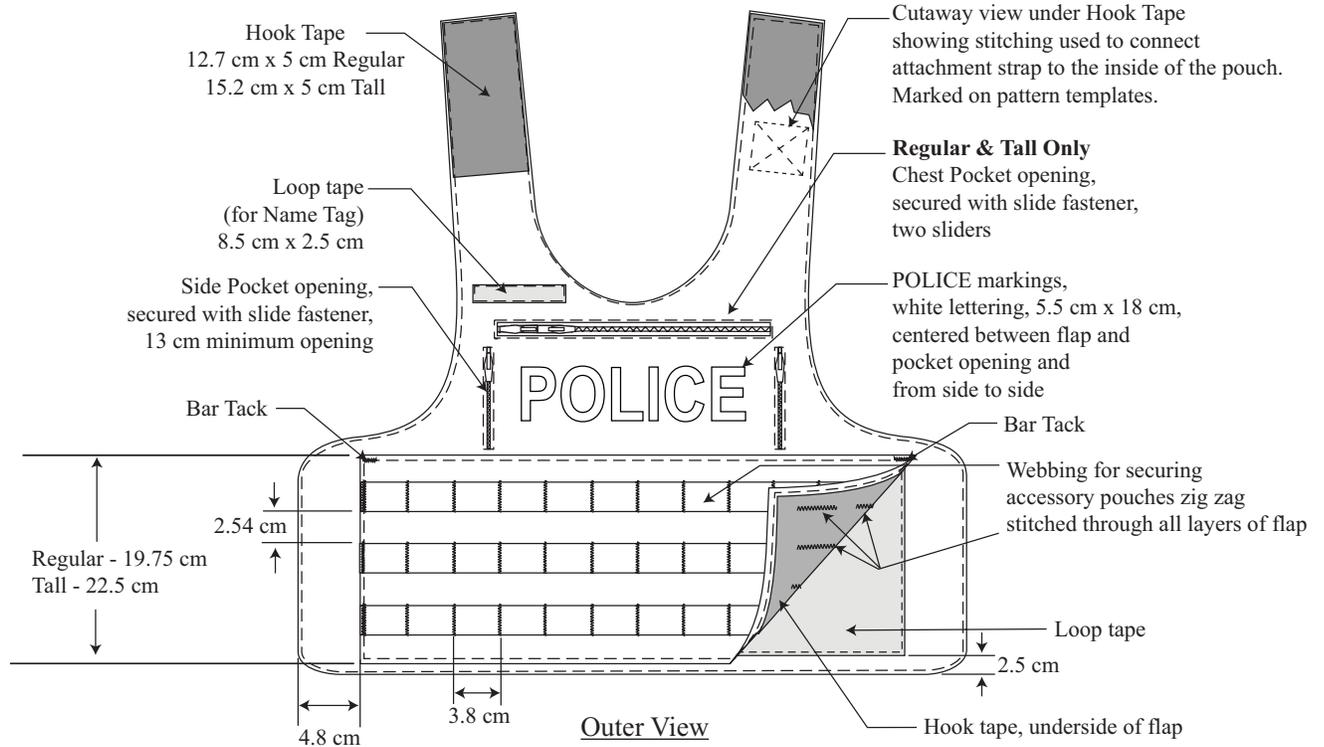
All Measurements in Centimeters

Unless otherwise stated all measurements are subject to ± 0.5 cm tolerances

NOT TO SCALE

Front Pouch for Regular and Tall Sizes Only

Dwg. 3



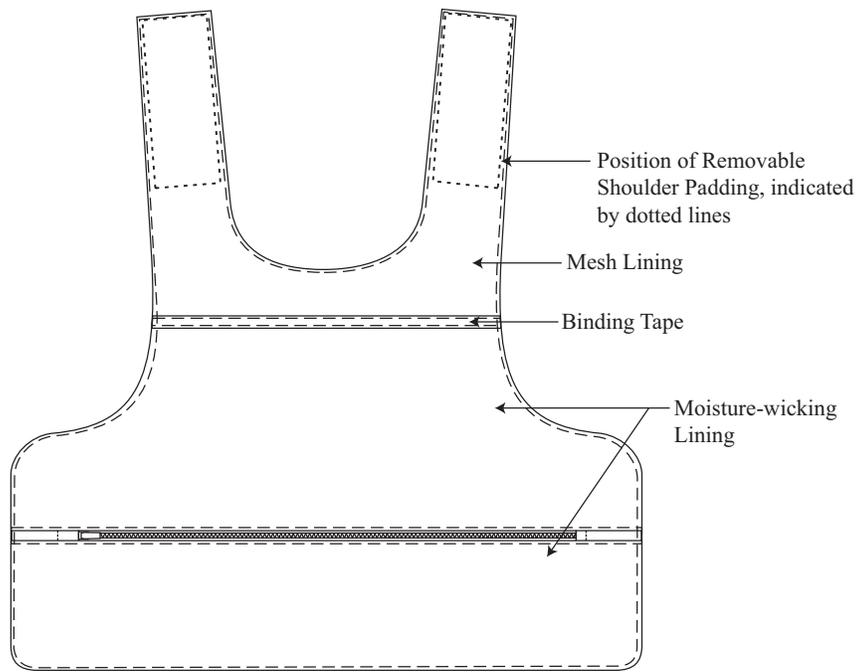
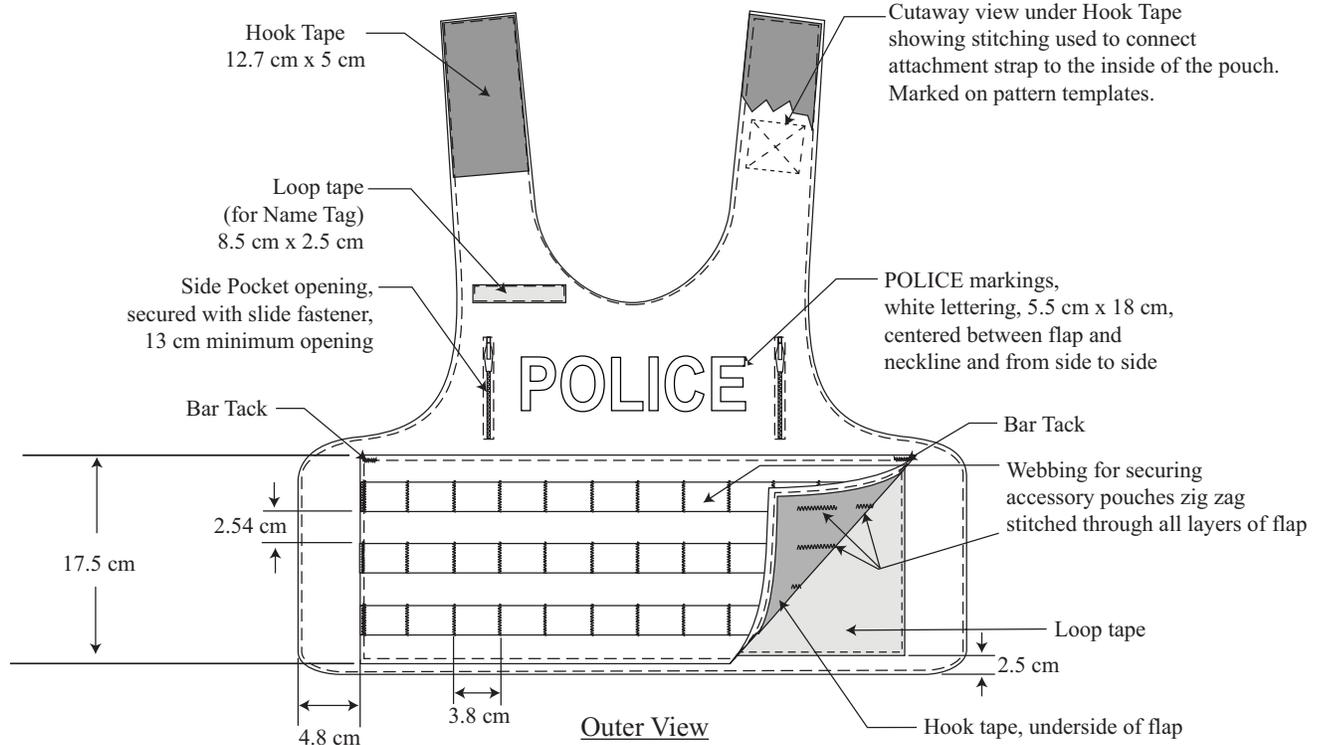
All Measurements in Centimeters

Unless otherwise stated all measurements are subject to ± 0.5 cm tolerances

NOT TO SCALE

Front Pouch for Short Sizes Only

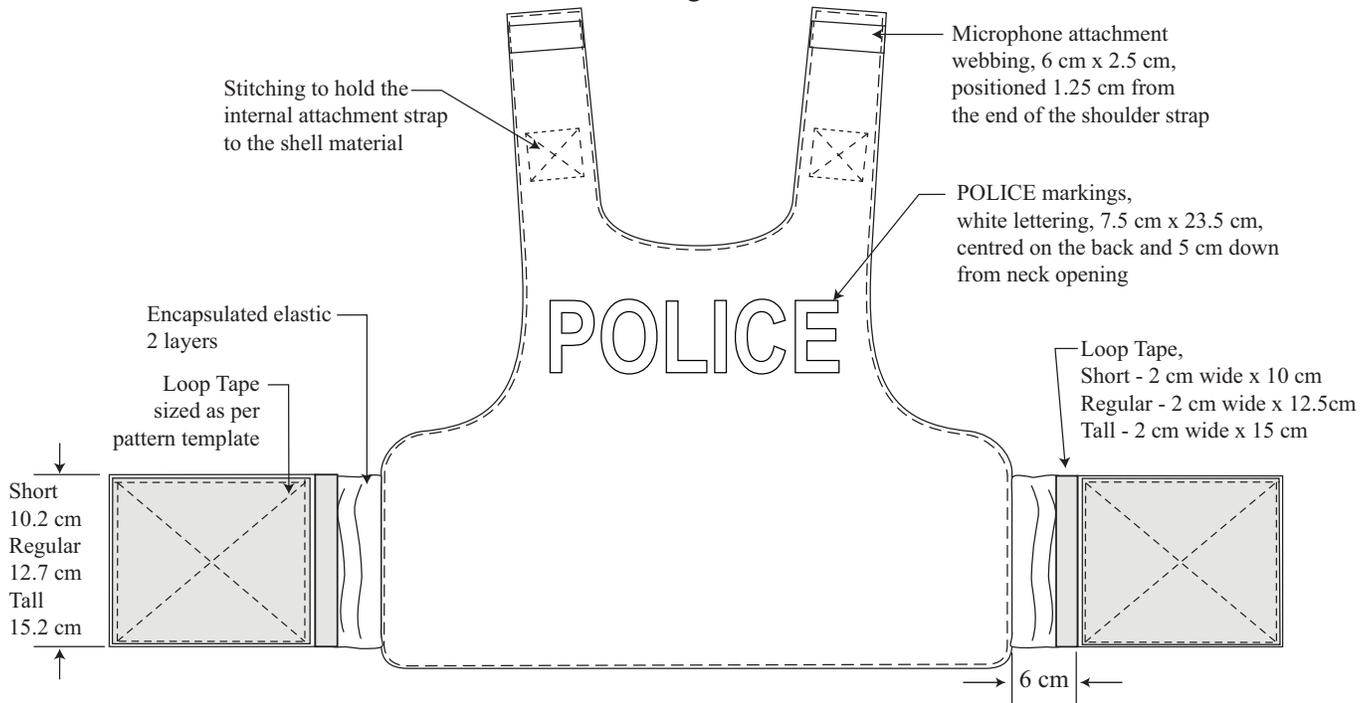
Dwg. 4



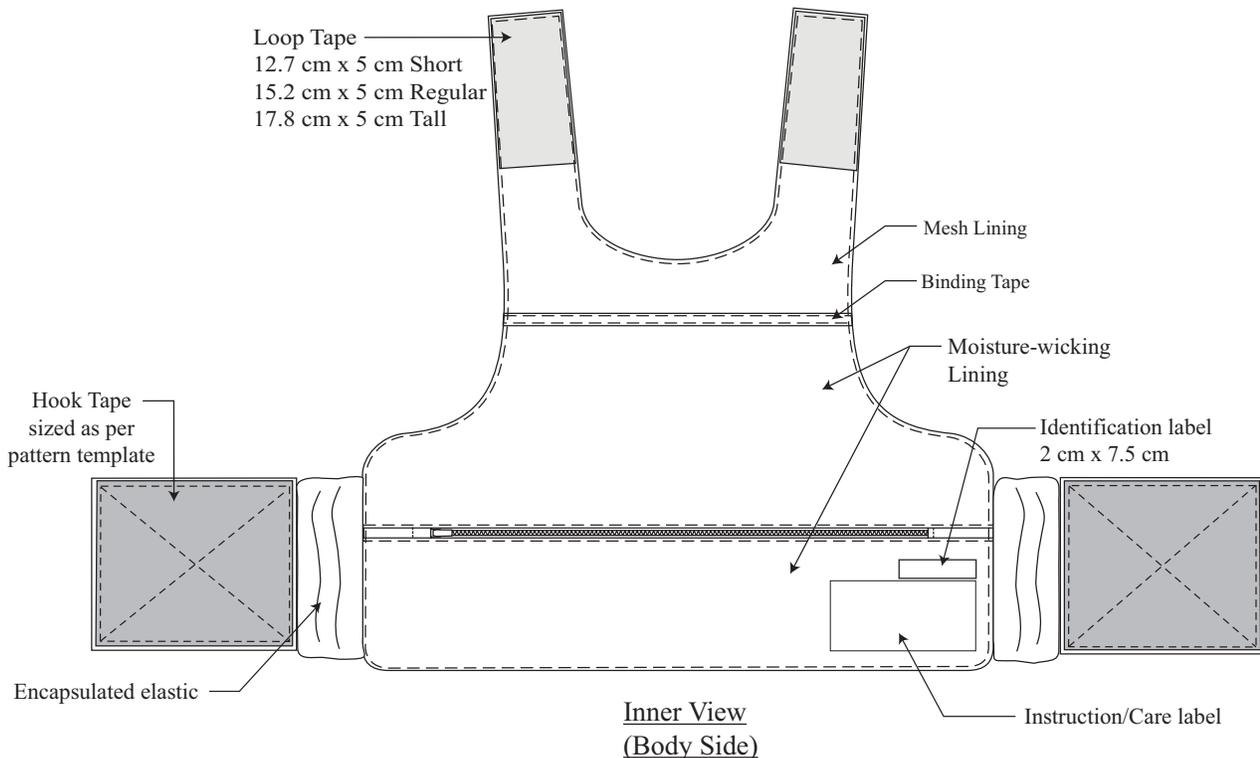
All Measurements in Centimeters
 Unless otherwise stated all measurements are subject to ± 0.5 cm tolerances
 NOT TO SCALE

Rear Pouch

Dwg. 5



Outer View



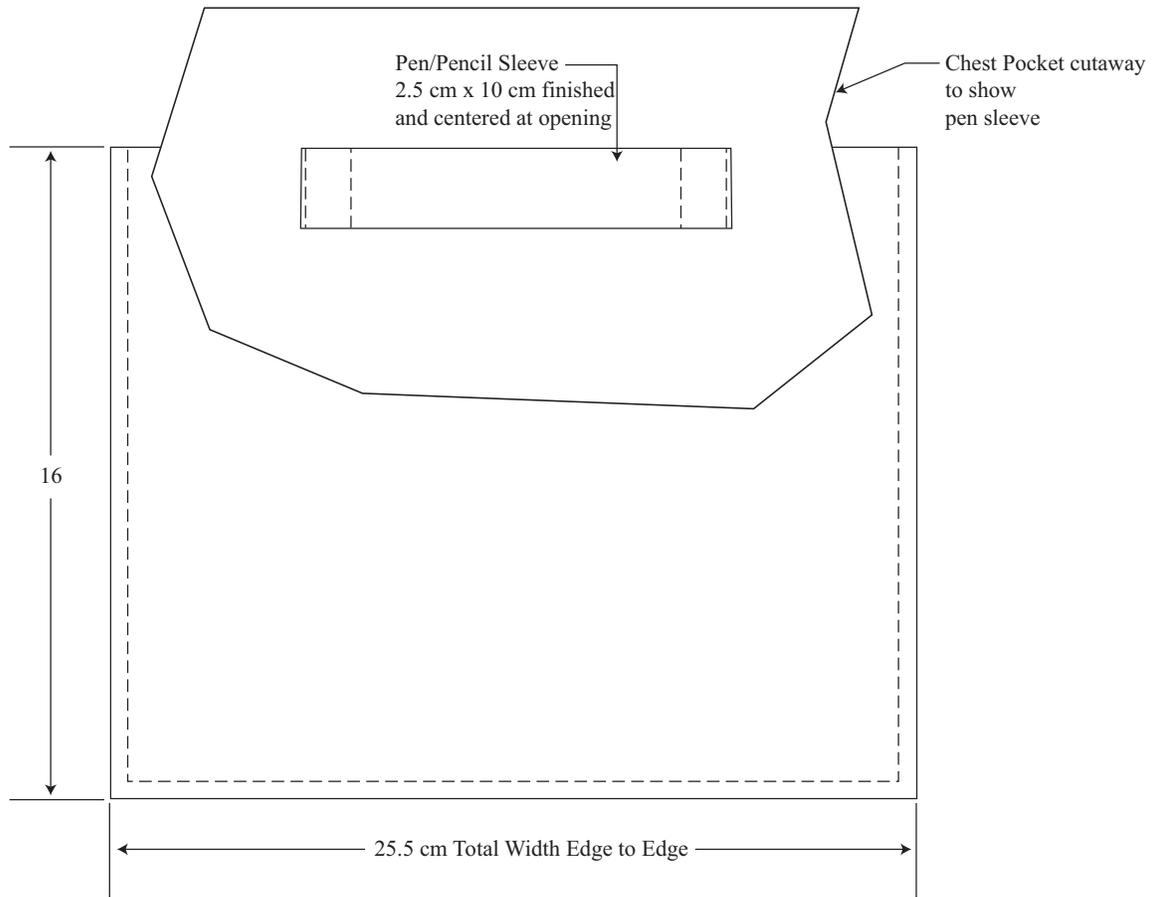
All Measurements in Centimeters

Unless otherwise stated all measurements are subject to ± 0.5 cm tolerances

NOT TO SCALE

Chest Pocket Detail
(Welted Opening with Slide Fastener Closure not shown)

Dwg. 6



Chest Pocket

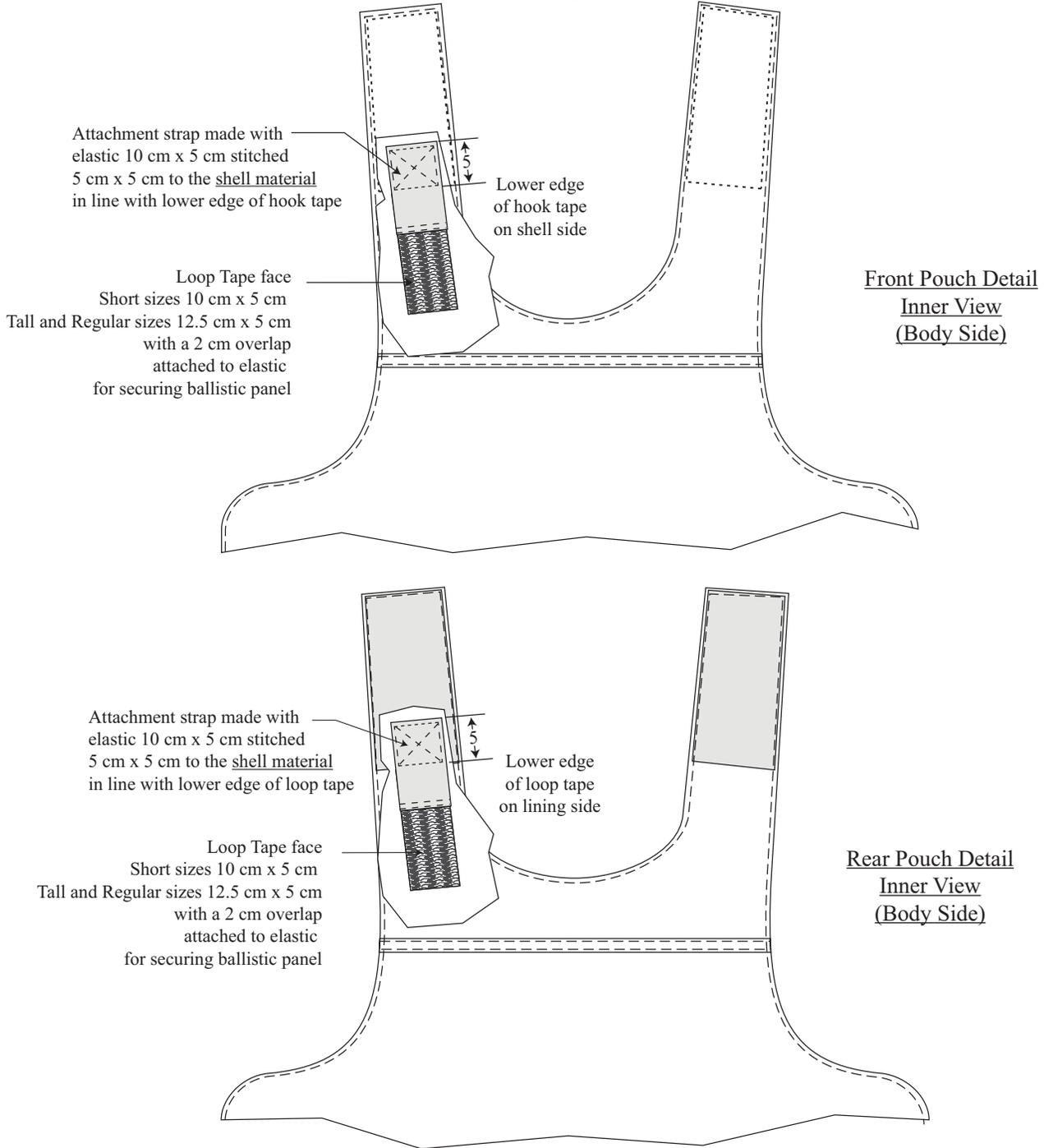
All Measurements in Centimeters

Unless otherwise stated all measurements are subject to ± 0.5 cm tolerances

NOT TO SCALE

Cutaway View, Front & Back Pouches, showing
Ballistic Panel Attachment Strap

Dwg. 7



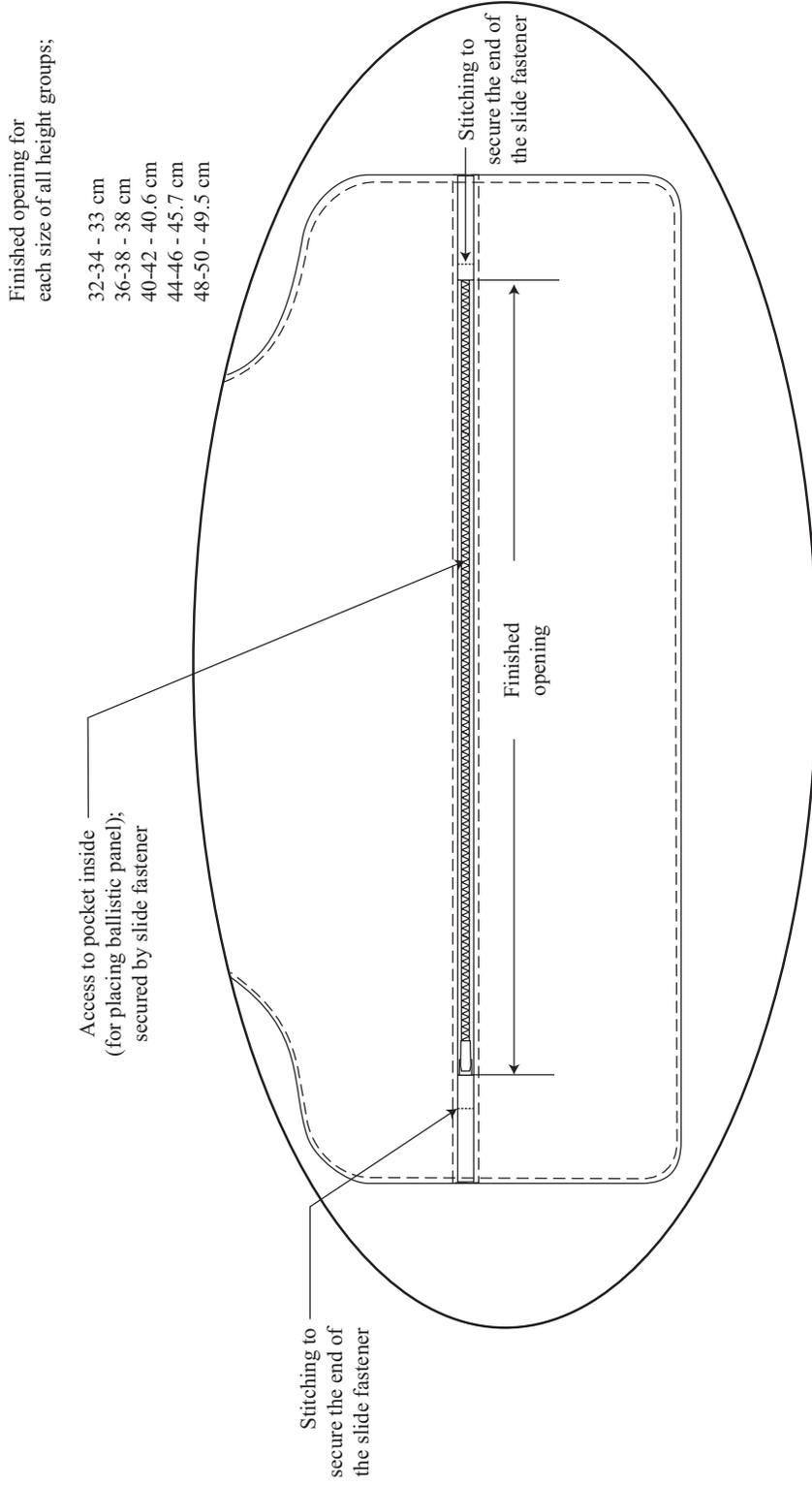
All Measurements in Centimeters

Unless otherwise stated all measurements are subject to ± 0.5 cm tolerances

NOT TO SCALE

Slide Fastener Opening, Inner Carrier

Dwg. 8



Inner View
(Body Side)

All Measurements in Centimeters
Unless otherwise stated all measurements are subject to ± 0.5 cm tolerances
NOT TO SCALE