



**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**

<b>Title - Sujet</b> Sweater, Pullover, Unisex	
<b>Solicitation No. - N° de l'invitation</b> M7594-196237/A	<b>Date</b> 2019-05-17
<b>Client Reference No. - N° de référence du client</b> M7594-196237	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$PR-705-77113	
<b>File No. - N° de dossier</b> pr705.M7594-196237	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2019-06-10</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Daylight Saving Time EDT
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Williams(pr705), Laura	<b>Buyer Id - Id de l'acheteur</b> pr705
<b>Telephone No. - N° de téléphone</b> (819) 962-2193 ( )	<b>FAX No. - N° de FAX</b> (613) 943-7970
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>  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  
L'Esplanade Laurier,  
East Tower 7th Floor  
Tour est 7e étage  
140 O'Connor, rue O'Connor,  
Ottawa  
Ontario  
K1A 0R5

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

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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 under 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.

### 1.6 Epost Connect Service

This bid solicitation allows bidders to use the epost Connect service provided by Canada Post Corporation to transmit their bid electronically. Bidders must refer to Part 2 entitled Bidder Instructions, and Part 3 entitled Bid Preparation Instructions, of the bid solicitation, for further information.

## 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 (2018/05/22) 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

The 2003 standard instructions is amended as follows:

- Section 08, entitled Transmission by facsimile or by epost Connect, is amended as follows:

subsection 2. is deleted entirely and replaced with the following:

2. epost Connect

- 
- a. Unless specified otherwise in the bid solicitation, bids may be submitted by using the epost Connect service provided by Canada Post Corporation.
- i. PWGSC, National Capital Region: The only acceptable email address to use with epost Connect for responses to bid solicitations issued by PWGSC headquarters is:  
  
[tpsgc.dgareceptiondessoumissions-abbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca](mailto:tpsgc.dgareceptiondessoumissions-abbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca)  
  
or, if applicable, the email address identified in the bid solicitation.
  - ii. PWGSC regional offices: The only acceptable email address to use with epost Connect for responses to bid solicitations issued by PWGSC regional offices is identified in the bid solicitation.
- b. To submit a bid using epost Connect service, the Bidder must either:
- i. send directly its bid only to the specified PWGSC Bid Receiving Unit, using its own licensing agreement for epost Connect provided by Canada Post Corporation; or
  - ii. send as early as possible, and in any case, at least six business days prior to the solicitation closing date and time, (in order to ensure a response), an email that includes the bid solicitation number to the specified PWGSC Bid Receiving Unit requesting to open an epost Connect conversation. Requests to open an epost Connect conversation received after that time may not be answered.
- c. If the Bidder sends an email requesting epost Connect service to the specified Bid Receiving Unit in the bid solicitation, an officer of the Bid Receiving Unit will then initiate an epost Connect conversation. The epost Connect conversation will create an email notification from Canada Post Corporation prompting the Bidder to access and action the message within the conversation. The Bidder will then be able to transmit its bid afterward at any time prior to the solicitation closing date and time.
- d. If the Bidder is using its own licensing agreement to send its bid, the Bidder must keep the epost Connect conversation open until at least 30 business days after the solicitation closing date and time.
- e. The bid solicitation number should be identified in the epost Connect message field of all electronic transfers.
- f. It should be noted that the use of epost Connect service requires a Canadian mailing address. Should a bidder not have a Canadian mailing address, they may use the Bid Receiving Unit address specified in the solicitation in order to register for the epost Connect service.
- g. For bids transmitted by epost Connect service, Canada will not be responsible for any failure attributable to the transmission or receipt of the bid including, but not limited to, the following:
- i. receipt of a garbled, corrupted or incomplete bid;
  - ii. availability or condition of the epost Connect service;
  - iii. incompatibility between the sending and receiving equipment;

- iv. delay in transmission or receipt of the bid;
  - v. failure of the Bidder to properly identify the bid;
  - vi. illegibility of the bid;
  - vii. security of bid data; or,
  - viii. inability to create an electronic conversation through the epost Connect service.
- h. The Bid Receiving Unit will send an acknowledgement of the receipt of bid document(s) via the epost Connect conversation, regardless of whether the conversation was initiated by the supplier using its own license or the Bid Receiving Unit. This acknowledgement will confirm only the receipt of bid document(s) and will not confirm if the attachments may be opened nor if the content is readable.
- i. Bidders must ensure that they are using the correct email address for the Bid Receiving Unit when initiating a conversation in epost Connect or communicating with the Bid Receiving Unit and should not rely on the accuracy of copying and pasting the email address into the epost Connect system.
- j. A bid transmitted by epost Connect service constitutes the formal bid of the Bidder and must be submitted in accordance with section 05.

## 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 in the bid solicitation.

Note: For bidders choosing to submit using epost Connect for bids closing at the Bid Receiving Unit in the National Capital Region (NCR) the email address is:

[tpsgc.dgareceptiondessoumissions-abbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca](mailto:tpsgc.dgareceptiondessoumissions-abbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca)

Note: Bids will not be accepted if emailed directly to this email address. This email address is to be used to open an epost Connect conversation, as detailed in Standard Instructions 2003, or to send bids through an epost Connect message if the bidder is using its own licensing agreement for epost Connect.

## 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(s)

Viewing sample(s) (if applicable) 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  
Email : [micheline.naud@tpsgc-pwgsc.gc.ca](mailto:micheline.naud@tpsgc-pwgsc.gc.ca)

### Public Works & Government Services Canada

10th Floor, 4900 Yonge Street  
Toronto, Ontario  
M2N 6A6  
TEL: 416-434-1762  
ATTN: Michael Macukic  
([michael.macukic@pwgsc-tpsgc.gc.ca](mailto:michael.macukic@pwgsc-tpsgc.gc.ca))  
OR: Ruth Ottman-Villarreal (Ruth.Ottman-Villarreal@pwgsc-tpsgc.gc.ca)

### Public Works & Government Services Canada

Telus Plaza North  
10025 Jasper Avenue, 5th Floor  
Edmonton, AB T5J 1S6  
TEL: (587) 337-7816  
FAX: (780) 497-3510  
Attention: Jayeeta Das  
Email : [wst-pa-edm@tpsgc-pwgsc.gc.ca](mailto:wst-pa-edm@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: Debbie Brault or Umberto Fanelli  
Email: [TPSGC.RQReceptionSoumissions-QRSupplyTendersReception.PWGSC@tpsgc-pwgsc.gc.ca](mailto:TPSGC.RQReceptionSoumissions-QRSupplyTendersReception.PWGSC@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  
Email: [bev.laurin@tpsgc-pwgsc.gc.ca](mailto:bev.laurin@tpsgc-pwgsc.gc.ca)

### Public Works & Government Services Canada

Pacific Region  
Vancouver Commercial Acquisitions  
219 - 800 Burrard Street  
Vancouver, B.C V6Z 0B9  
Attention: Betty Chan  
TEL. : 604-360-3734  
Email: [betty.chan@tpsgc-pwgsc.gc.ca](mailto:betty.chan@tpsgc-pwgsc.gc.ca)  
FAX : 604-775-7526  
OR  
Attention: Sangeeta Dutt  
TEL. : 604-666-1488  
Email: [sangeeta.dutt@pwgsc-tpsgc.gc.ca](mailto:sangeeta.dutt@pwgsc-tpsgc.gc.ca)

## 2.6 Specifications and Standards

### 2.6.1 Canadian General Standards Board (CGSB) - Standards

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

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

### 2.6.2 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>

### 2.6.3 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/>

### 2.7 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 \$ \_\_\_\_\_

## **PART 3 - BID PREPARATION INSTRUCTIONS**

### **3.1 Bid Preparation Instructions**

- If the Bidder chooses to submit its bid electronically, Canada requests that the Bidder submits its bid in accordance with section 08 of the 2003 standard instructions. The epost Connect system has a limit of 1GB per single message posted and a limit of 20GB per conversation.

The bid must be gathered per section and separated as follows:

Section I: Technical Bid  
Section II: Financial Bid  
Section III: Certifications  
Section IV: Additional Information

- If the Bidder chooses to submit its bid in hard copies, Canada requests that the Bidder submits its 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)

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](https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573) (<https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573>). 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 (Part 4, Evaluation Procedures, 4.1.1.1 Mandatory Technical Criteria).

### Section II: Financial Bid

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

#### 3.1.1 Electronic Payment of Invoices – Bid

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

#### 3.1.2 Exchange Rate Fluctuation

[C3011T](#) 2013/11/06 Exchange Rate Fluctuation

### Section III: Certifications

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

#### 3.1.3 Origin of work

Bidders must provide the name, address and country of manufacturers, subcontractors and suppliers to be utilized in the performance of the contract.

Items will be manufactured at: \_\_\_\_\_ (please indicate the complete address of the plant).

The following suppliers/subcontractor(s) will be utilized in the performance of the contract:

- a. Name and address of supplier/subcontractor: \_\_\_\_\_
  - b. Location where work will be \_\_\_\_\_ please indicate the complete address if different from the address provided in a))
  - c. Nature of subcontracting work performed: \_\_\_\_\_
  - d. Value of subcontract: \$ \_\_\_\_\_
- (Enter the information for each supplier/subcontractor)

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

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

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(s) and Supporting Documentation**

As part of the technical evaluation, to confirm a Bidder's capability of meeting the technical requirements, one (1) pre-award sample of the item below along with supporting documents will be required from low bidders after the bid closing date upon a written request from the Contracting Authority.

##### **A) PRE-AWARD SAMPLE**

ITEM	SIZE	STOCK #
Sweater, Pullover, Unisex	Large Regular	6648-509

- i) The sample must be properly identified with the size and the RCMP stock-item number.
- ii) 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 sample will result in the bid being declared non-responsive.
- iii) The following Government Available Materials will be provided at no cost to bidders who are requested to provide a pre-award sample
  - a. 9100-000 Cloth, Wool/Polyester
  - b. 2135-108 Badge, Shoulder, Police
- iv) The pre-award samples will be evaluated for quality of workmanship and conformance to specified materials and measurements. Minor observations will not be a reason to reject the sample unless, in the opinion of the technical evaluator, they are considered to render the item unserviceable. However, only one deviation will result in the bid being declared non-responsive.

##### **SPECIFICATION WAIVER/SUBSTITUTION(S):**

- Component Waiver(s)/Substitution(s):
- a. Paragraph 4.1.1, the yarn colour can be black

##### **A.1 Viewing Sample**

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

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

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## **B) CERTIFICATES OF COMPLIANCE**

The certificates of compliance (as defined hereunder) are required with the pre-award samples. The Certificate of compliance must be dated within 18 months of the solicitation posting date. The following Certificates are required:

- a. Paragraph 4.1.3 Finishing of the Specification
- b. Paragraph 4.1.7 Thread of the Specification

### **B.1 CERTIFICATE OF COMPLIANCE-DEFINITION**

- i) 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.
- ii) A separate certificate of compliance is required for each individual component or requirement. Multiple components supplied by the same component manufacturer may be submitted on one certificate of compliance as long as the paragraph numbers and components are clearly identified. With this document, the bidder certifies that the product for which the certificate of compliance is issued is the same product used in the bid submission, or in the pre-award samples or in the pre-production samples, or in the production units as applicable.
- iii) The Bidder is to note that copies of invoices, purchase orders, packing slips and certificates of compliance for products or components that are not manufactured by the certifier are not suitable for use as a certificate of compliance.
- iv) Original Version: The RCMP reserves the right to request the original version of any Certificate of Compliance provided by the Bidder. The Bidder will have three (3) calendar days upon written notice from the Contracting Authority to provide the original Certificate(s) of Compliance. Failure to provide the original Certificate(s) of Compliance within that timeframe may result in the bid being declared non-responsive.

## **C) TEST REPORT(S)**

The test reports 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. Test reports as per Table I – requirement 2 and 3 and Table II- requirement 1 and 2 and 7 through 12 of the specification.
- b. Test reports for Table II – requirement 3 through 6 may be submitted if using the approved colour.

### **C.1 TEST REPORT-DEFINITION**

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

## **D) SUBMISSION OF PRE-AWARD SAMPLE AND SUPPORTING DOCUMENTATION**

- i) The Bidder will be advised in writing by the contracting authority when the pre-award sample, test reports and certificates of compliance are required.

- ii) The Bidder must deliver the required pre-award sample, test reports and certificates of compliance at no charge to Canada and must ensure that they are received within 45 calendar days from PWGSC's written request.
- iii) Failure to submit the required pre-award sample, test reports and certificates of compliance within the specified time frame will result in the bid being declared non-responsive. The pre-award sample, test reports and certificates of compliance submitted by the Bidder will remain the property of Canada.
- iv) Rejection of the pre-award sample, test reports and certificates of compliance will result in the bid being declared non-responsive.
- v) The requirement for pre-award sample, test reports and certificates of compliance will not relieve the successful bidder from submitting samples as required by the contract terms or from strictly adhering to the technical requirement of this Request for Proposal and any resultant contract.

**E) WAIVER**

The requirement for a pre-award sample of the item, certificates of compliance and test reports may be waived if the Bidder has:

- a) Supplied the item(s) to the Royal Canadian Mounted Police (RCMP) in accordance with Specification GS1045-087 within the last three (3) years from the closing date of this document.

Please specify:

Item supplied: \_\_\_\_\_

Your previous Contract/Standing Offer number: \_\_\_\_\_

- b) Submitted a pre-award sample, certificate(s) of compliance and test reports of the item on a previous requirement to specification GS1045-087 and where the pre-award sample, certificate(s) of compliance and test reports were found to be compliant. It is mandatory that a copy of the evaluation report be provided upon request from the Contracting Authority.

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

The Bidder must submit the pre-award sample, certificates of compliance and test reports if a waiver is not given.

**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 (Ottawa, Ontario) 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 options and "as and when requested" quantities.

**4.1.2.2 SACC MANUAL CLAUSE**

[A9033T](#) 2012/07/16 Financial Capability

#### 4.2 Basis of Selection

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

Evaluation will be established using the firm quantity, 100% of the option quantities and 100% of the "as and when requested" quantities. The responsive bid with the lowest evaluated aggregate price will be recommended for award of a contract (1 contract only).

#### 4.3 Contract Financial Security

1. If this bid is accepted, the Bidder may be required to provide contract financial security, after the bid closing date and within 10 calendar days from receipt of a written request from the Contracting Authority.
  - i. 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 unexpired, 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](http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html) website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>), to be given further consideration in the procurement process.

#### 5.1.2 Ethical Procurement Certification

The ethical considerations for procurement of apparel certification document attached to this solicitation at Annex "E" is incorporated by reference into, and forms a binding part of the bid solicitation. The Bidder must comply with the certification.

By submitting a bid in response to this bid solicitation, the Bidder certifies that:

- a. it has read and understands the certification attached to this solicitation;
- b. it understands that the eight fundamental human and labour rights laid out in the certification document must be complied with or the bid may be declared non-responsive, or Canada may terminate any resulting contract for default.

## 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 \(http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html\)](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

### 5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#) website (https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.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.

### 5.2.3 Additional Certifications Precedent to Contract Award

#### 5.2.3.1 Canadian Content Certification

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

#### Rules of Origin - Apparel

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

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

#### Canadian Content Certification

This procurement is limited to Canadian goods.

The Bidder certifies that:

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

#### Plant Location

Items will be manufactured at: \_\_\_\_\_

### 5.2.3.2 Sample(s) and Production Certification

The Bidder certifies that:

- ( ) the manufacturer that produced the pre-award samples will remain unchanged for the pre-production samples and full production of the contract quantity, including option quantities and "as and when requested" quantities (specials and regular sizes), if exercised.
- ( ) The components that are used in the pre-production sample(s) will remain unchanged for full production of the contract quantity, including option quantities and "as and when requested" quantities (specials and regular sizes), if exercised.

## 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 the Contract.

### 6.2 Requirement

The Contractor must provide the items detailed under the "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](#) (2018/06/21), General Conditions - Goods (Higher Complexity), apply to and form part of the Contract.

### 6.4 Term of Contract

#### 6.4.1 Delivery Requested - Firm Quantity

The RCMP is requesting that the first shipment of the firm quantity be made within 45 calendar days from the date of the written notice of approval of the pre-production samples and supporting documentation described at Article 6.16 in addition to test reports described at Article 6.17

#### Delivery - Firm Quantity - Phased

The first delivery must be made within \_\_\_\_\_ calendar days from the date of the written notice of approval of the pre-production samples and supporting documentation described at Article 6.16 in addition to test reports described at Article 6.17. The quantity delivered must be \_\_\_\_\_ units. The balance must be delivered at the rate of \_\_\_\_\_ units weekly after the first delivery until completion of the Contract.

#### Delivery Requested – Options 1, 2 and 3

It is requested that the first delivery be made 45 calendar days from the date of the written notice of approval of the production requirements, if applicable, and after final delivery of the contract quantity.

### **Delivery – Phased - Options 1, 2 and 3**

The delivery of the optional quantity must commence within \_\_\_\_\_ calendar days from the date of the written notice of approval of the production requirements, if applicable, and after final delivery of the contract quantity. The quantity delivered must be \_\_\_\_\_ units. The balance must be shipped at a rate of \_\_\_\_\_ units weekly after the first delivery until completion of the optional 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) (Ottawa, Ontario) 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. Twenty (20) units to be placed in plain shipping containers L-21" x W-21" x D-13".

##### **Marking**

(a) Marking and labelling to be in accordance with the Specification.

(b) Size, quantity and RCMP Stock Item Number to be indicated on single unit package, when specified.

(c) Sizes, quantities and RCMP Stock Item Numbers to be indicated on carton.

(d) Proper shipping documents must accompany each shipment. Packing slips must include the contract number, item description, size, RCMP stock item number and quantity per size being shipped.

(e) Manufacturer's markings/advertisements will not appear on this item except on the inside label as per the specification/purchase description. Failure to comply with this article may result in rejection of goods upon inspection.

##### **Rejected Goods**

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

##### **Overrun/Underrun**

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

## **6.5 Authorities**

### **6.5.1 Contracting Authority**

The Contracting Authority for the Contract is:

Laura Williams  
Public Works and Government Services Canada  
Acquisitions Branch  
Commercial and Consumer Products Directorate (CCPD)  
Clothing & Textiles Division  
L'Esplanade Laurier, East Tower 7th Floor  
140 O'Connor, Street, Ottawa, Ontario  
K1A 0R5 Canada  
Telephone : 819-962-2193 Facsimile: 613-943-7970  
E-mail address: laura.williams@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 and 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 in Annex A for a cost of \$

(amount to be inserted at contract award). Customs duties are included and Applicable Taxes are extra.

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

#### **6.6.2 SACC Manual Clauses**

[H1001C](#) 2008/05/12 Multiple Payments

#### **6.6.3 Electronic Payment of Invoices – Contract**

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

- a. Direct Deposit (Domestic and International)

#### **6.7 Invoicing Instructions**

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) One copy marked original must be forwarded to the following address for certification and payment

Royal Canadian Mounted Police  
Uniform & Equipment Program  
Email: \_\_\_\_\_ (to be inserted at contract award)

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

#### **6.8 Certifications and Additional Information**

##### **6.8.1 Compliance**

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

##### **6.8.2 SACC Manual Clauses**

[A3060C](#) 2008/05/12 Canadian Content Certification

#### **6.9 Applicable Laws**

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

#### **6.10 Priority of Documents**

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

- a) the Articles of Agreement;
- b) the general conditions [2030](#) (2018/06/21), General Conditions - Goods (Higher Complexity);
- c) Annex "A", Requirement;
- d) Annex "B", Specifications G.S. 1045-087, dated 2018-12-05;
- e) Viewing Sample;
- f) the Contractor's bid dated \_\_\_\_\_

**6.11 Materials: Contractor's Total Supply and Government Available Material**

The Contractor will be responsible for obtaining all materials required in the manufacture of the item(s) specified, including those materials specified as being Government available and which must be purchased from the Government. The delivery stated herein allows the necessary time to obtain such materials.

**6.12 Plant Closing**

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

Year 1

Summer Holiday FROM \_\_\_\_\_ TO \_\_\_\_\_  
Christmas Holiday FROM \_\_\_\_\_ TO \_\_\_\_\_

Year 2

Summer Holiday FROM \_\_\_\_\_ TO \_\_\_\_\_  
Christmas Holiday FROM \_\_\_\_\_ TO \_\_\_\_\_

Year 3

Summer Holiday FROM \_\_\_\_\_ TO \_\_\_\_\_  
Christmas Holiday FROM \_\_\_\_\_ TO \_\_\_\_\_

Year 4

Summer Holiday FROM \_\_\_\_\_ TO \_\_\_\_\_  
Christmas 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 Ethical Apparel**

The ethical procurement certification incorporated into the bid solicitation on its closing date is incorporated into, and forms a binding part of the Contract. The Contractor must ensure continuous compliance with the provisions of the ethical procurement certification that was signed during the bidding process throughout the duration of the contract.

The origin of work clause incorporated into the bid solicitation on its closing date is incorporated into, and forms a binding part of the Contract. It is the Contractor's responsibility to ensure continuous accuracy with the origin of work information provided with their bid and must immediately inform Canada in writing of any and all changes affecting the information provided under the origin of work clause during the entire contract period. The certification is subject to verification by Canada at any given time during the period of the contract. If the certification is found to be untrue Canada may declare a bid non-responsive or may declare a contractor in default, whether made knowingly or unknowingly during the bid evaluation period or during the contract period. The continuing obligation to maintaining this certification is a material obligation of the Contract.

#### **6.16 Pre-Production Sample(s) and Supporting Documentation**

Unless a waiver is granted by the RCMP Technical Authority, the following pre-production requirements are required for evaluation prior to full production. Requests for a waiver by the Contractor must be submitted in writing to the Contracting Authority. The waiving of the pre-production requirements will be at the sole discretion of the Technical Authority. The Technical Authority will provide notification of the waiver in writing to the Contractor and Contracting Authority.

##### **(A) Pre-Production Samples**

ITEM	SIZE	STOCK #
Sweater, Pullover, Unisex	Large Regular	6648-509

##### **(B) Certificate(s) of compliance**

The Certificates of compliance (as defined hereunder) are required with the pre-production sample. The Certificates of compliance must be dated within 12 months of contract award. The following Certificates are required:

- a. Paragraph 4.1.3 Finishing of the Specification
- b. Paragraph 4.1.7 Thread of the Specification

##### **(C) Test Reports**

The test reports must be dated after contract award and all tests must be performed on the same material within a two week period.

- a. Table I – requirement 2 and 3 of the specification
- b. Table II – requirement 1 through 12 of the specification

##### **(D) Submission of Pre-Production Samples(s) and Supporting Documentation**

1. The pre-production requirements are due within 60 calendar days from date of contract award and must be submitted at no charge to Canada.
2. If the pre-production requirements are rejected, the Contractor must submit a second pre-production requirement within 21 calendar days of notification of rejection from the Technical Authority.
3. If the pre-production requirements are accepted by either full acceptance or conditional acceptance, the Contractor must proceed with production as per the Contract requirements.

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

#### 6.17 Technical Requirements During Production

The following technical requirements are required for all production including as and when quantities and options, if exercised.

##### a) Test Reports

The test reports must be dated after contract award and all tests must be performed on the same material within a period of two weeks. The test reports submitted shall be based on the yarn used in production and are required continually throughout the contract with every new dye lot or change in yarn batch.

Anticipated number of dye lots/yarn batches:

Item	Number of Dye Lots	Number of Yarn Batches
Firm Quantity (4500 units)		
Option 1 Quantity (1000 units)		
Option 2 Quantity (1000 units)		
Option 3 Quantity (1000 units)		
As and When Requested Quantity (Regular Sizes) (500 units)		

---

**FIRST PRODUCTION:**

- a. If complete test reports were provided for Table I – requirement 2 and 3 and Table II – requirements 1 through 12 and were approved at pre-award or pre-production and the batch of yarn tested is large enough to use to begin production, then no other reports are required until a new dye lot is used.
- b. Test reports for Table II requirement 3 through 6 must be submitted to the Technical Authority for approval prior to beginning delivery of production if they were not provided at pre-award or pre-production.
- c. If a new dye lot of yarn is produced for production then test reports for Table I – requirement 2 and 3 and Table II – requirement 1 through 12 of the specification must be submitted to the Technical Authority for approval prior to delivery of production.

**SUBSEQUENT PRODUCTION:**

- a. Test reports for Table I – requirement 2 and 3 and Table II – requirement 1 through 12 of the specification must be submitted to the Technical Authority for approval prior to delivery of production for each subsequent dye lot.

**6.18 Additional Production Requirements**

The RCMP has the right to request one or more Production Sample(s), Certificate(s) of Compliance and/or Test Report(s) at its discretion at any time during the contracting and production stage in order to ensure technical compliance with the requirements of the Contract. This request will be done in writing by the Contracting Authority. Rejection by the Technical Authority of one or more Production Sample(s), Certificate(s) of Compliance and/or Test Report(s) for failing to meet the Contract requirements will be grounds for termination of the Contract for default. The sample(s), certificate(s) and/or report(s) submitted by the Contractor will be submitted at no charge to Canada and will remain the property of Canada.

**6.19 Certificate of Compliance and Test Report Definition**

**a) 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 Contractor certifies that the product for which the certificate of compliance is issued is the same product used in the bid submission, or in the pre-award samples or in the pre-production samples, or in the production units as applicable.

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

### **Original Version**

The RCMP reserves the right to request the original version of any Certificate of Compliance provided by the Contractor. The original Certificate(s) of Compliance must be received by the RCMP within three (3) calendar days upon written notice from the Contracting Authority. Failure to provide the original Certificate(s) of Compliance within that timeframe may be grounds for termination of the Contract for default.

### **b) Test Report:**

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

#### **6.20 Viewing Sample - Guidance Only**

The viewing sample is to be used for guidance on all factors not covered by the RCMP Specification. The RCMP Specification will govern. The viewing sample remains the property of the RCMP.

#### **6.21 Viewing Sample - Return to Sender**

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

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

Lost or damaged viewing sample(s) must be reimbursed to the RCMP for the cost of an acceptable replacement.

#### **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](mailto:ncr.cgsb-ongc@pwgsc-tpsgc.gc.ca)  
CGSB Website: <http://www.tpsgc-pwgsc.gc.ca/ongc-cgsb/index-eng.html>

##### **6.22.2 International Standards Organization (ISO) – Standards**

A copy of the ISO Standards referred to in the Contract 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](mailto:central@iso.org)  
ISO Website: <http://www.iso.org/iso/home.html>

### 6.22.3 American Association of Textile Chemists and Colorists (AATCC)

A copy of the AATCC referred to in the Contract 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/>

### 6.23 Procedures for Design Change/Deviation

When it is necessary to depart, either temporarily or permanently, from the governing technical data in a Contract, the Technical Authority or the Contractor may originate a request for design change or deviation.

If the Technical Authority initiates the design change or deviation process, section 1 of form [PWGSC-TPSGC 9038 Design Change/Deviation](#) must be completed and one copy must be sent to the Contractor and Contracting Authority. When required, copies of the supporting technical data should be submitted.

After providing the contractual information required, the Contractor will send a copy of the design form to the Technical Authority and to the Contracting Authority.

The Contractor will be authorized to proceed upon receipt of the design change/deviation form signed by the Contracting Authority. A contract amendment will be issued to incorporate the design change/deviation in the Contract.

### 6.24 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

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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 Unisex Pullover Sweaters in accordance with the specification G.S.1045-087 dated 2018-12-05 and the viewing sample.

**2. ADDRESSES**

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 Email: _____ (to be inserted at contract award)

**3. DELIVERABLES**

**CONTRACT QUANTITY**

**Firm Quantity**

Item	Description	Firm Quantity	Unit of Issue	Firm Unit Price, DDP, Transportation costs included, Applicable taxes extra
1	6648 – Sweater, Pullover, Unisex	4,500	Each	\$ _____

Refer to Annex C for the Size Roll

**“As and When Requested” Quantity**

Item	Description	Estimated Quantity	Unit of Issue	Firm Unit Price, DDP, Transportation costs included, Applicable taxes extra
2	6648 Sweater, Pullover, Unisex (Flexible Stock)	500	Each	Year 1 \$ _____ Year 2 \$ _____ Year 3 \$ _____ Year 4 \$ _____
3	6649-100 Sweater, Pullover, Unisex (Special Sizes)	50	Each	Year 1 \$ _____ Year 2 \$ _____ Year 3 \$ _____ Year 4 \$ _____

**OPTION 1**

Item	Description	Estimated Quantity	Unit of Issue	Firm Unit Price, DDP, Transportation costs included, Applicable taxes extra
4	6648 – Sweater, Pullover, Unisex	1,000	Each	\$ _____

**OPTION 2**

Item	Description	Estimated Quantity	Unit of Issue	Firm Unit Price, DDP, Transportation costs included, Applicable taxes extra
5	6648 – Sweater, Pullover, Unisex	1,000	Each	\$ _____

**OPTION 3**

Item	Description	Estimated Quantity	Unit of Issue	Firm Unit Price, DDP, Transportation costs included, Applicable taxes extra
6	6648 – Sweater, Pullover, Unisex	1,000	Each	\$ _____

**4. “AS AND WHEN REQUESTED” QUANTITIES - Identified as Items 2 and 3**

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

RCMP may issue orders for “as and when requested” quantity directly to the Contractor detailing the exact quantities of goods being ordered and the delivery date during the effective period and in accordance with the predetermined conditions.

The quantity of “as and when requested” goods specified under items 2 and 3 is only an approximation of requirements.

Order will be made on Form 942 (special sizes) or on a RCMP order form (regular sizes).

The period for placing “as and when requested” orders will be 48 months from contract award date.

Insofar as specials are concerned, the RCMP will provide a completed individual measurement form adapted to the individual’s special measurements. The manufacturer is responsible to make the garment according to the finished garment measurements when using the measurement form. If the manufacturer requires additional measurements, the Technical Authority shall be notified prior to starting the specials. In addition to the label information as specified in Paragraph 4.4.11, the following information is required; the members’ name, Reg. number and order number. This information can be added to the same label or a separate label.

Upon receiving the order, the Contractor must provide the dye lot and yarn batch from which the order for specials will be manufactured. Approval of the dye lot and yarn batch is required before production of the order.

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Specials are to be shipped separately and identified as "SPECIALS" on the packing slip and invoices.

The RCMP is requesting that delivery of special sizes be made within 45 calendar days after receipt of order document.

Delivery of special sizes will be made within \_\_\_\_\_ calendar days after receipt of order document.

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

#### **Financial Limitation**

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

#### **5. OPTION QUANTITIES - Identified as Items 4-6**

The Contractor grants to Canada the irrevocable option to acquire the goods described under items 4, 5 and 6 under the same terms and conditions and at the prices stated in the Contract. Three (3) options may be exercised.

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.

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

#### **6. GOVERNMENT AVAILABLE MATERIAL (GAM)**

The following government available material is required for the manufacture of the items and must be purchased from the RCMP.

FOB CORCAN Kingston:

9100-000 Cloth, Polyester/Wool, Blue Serge @ \$10.77/m (1m/2.5 sweaters)

FOB RCMP Stores Ottawa

2135-108 Badge, Shoulder, Police @ \$0.51 each (2ea / 1 sweater)

The material must be paid in advance of shipment by certified cheque (please add the applicable taxes). Make the certified cheque payable to Receiver General for Canada. The certified cheque must be forwarded to the RCMP, Uniform and Equipment Program, Warehouse Building, 440 Coventry Road, Ottawa, Ontario K1A 0R2, Attn: Planning & Accounting Section.

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**ANNEX "B"**

**SPECIFICATION G.S.1045-087 DATED 2018-12-05**

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### ANNEX "C" - SIZE ROLL

Stock Number	Description	Quantity
6648-304	Sweater, Pullover, V-Neck, Regular, SMALL	1000
6648-401	Sweater, Pullover, V-Neck, Regular, MEDIUM	1300
6648-509	Sweater, Pullover, V-Neck, Regular, LARGE	1300
6648-606	Sweater, Pullover, V-Neck, Regular, X-LARGE	700
6648-650	Sweater, Pullover, V-Neck, Regular, XX-LARGE	200

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## **ANNEX "D" to PART 3 OF THE BID SOLICITATION**

### **ELECTRONIC PAYMENT INSTRUMENTS**

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

Direct Deposit (Domestic and International);

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**ANNEX "E" to PART 5 OF THE BID SOLICITATION  
ETHICAL CONSIDERATIONS FOR PROCUREMENT OF APPAREL CERTIFICATION**

The Bidder certifies the following:

1. Child labour

The Bidder and its first-tier subcontractors do not employ child labour, i.e. work done by children who are younger than the minimum age for admission to employment indicated in applicable legislation in the country, and no younger than the age at which compulsory schooling has been set in applicable legislation in the country. In any event, children are protected from economic exploitation and from performing any work that is likely to be hazardous or to interfere with the child's education, or to be harmful to the child's health or physical, mental, spiritual, moral or social development. Employees younger than 18 shall not perform hazardous work, which includes work that may jeopardize their health, safety or morals.

2. Forced labour

The Bidder and its first-tier subcontractors do not use forced labour or compulsory labour in all its forms, including trafficking in persons for the purpose of forced or compulsory labour, namely any work or service that is exacted from any person under the menace of any penalty, and for which that person has not offered himself or herself voluntarily.

3. Abuse and harassment

The Bidder and its first-tier subcontractors treat their employees with dignity and respect. No employees shall be subject to any physical, sexual or verbal harassment, abuse or violence or psychological hazards. Corporal punishment is not used or tolerated in any form.

4. Discrimination

The Bidder and its first-tier subcontractors do not discriminate against their employees in hiring practices or any other term or condition of work (other than legitimate occupational requirements allowed by law) on the basis of race, national or ethnic origin, colour, religion, age, sex, sexual orientation, gender identity or expression, marital status, family status, genetic characteristics, disability or conviction of any offence for which a pardon has been granted or in respect of which a record of suspension has been ordered.

5. Freedom of association and collective bargaining

Where provided for by law, the Bidder and its first-tier subcontractors shall recognize and respect the right of employees to freely associate, organize and bargain collectively with their employer. No employee or worker representative shall be subject to discrimination, harassment, intimidation or retaliation as a result of his or her efforts to freely associate, organize or bargain collectively. Where the right to freedom of association is restricted under law, the Bidder and its first-tier

subcontractors must provide workers alternative means of association, including effective means to express and remedy workplace grievances.

#### 6. Occupational safety and health

The Bidder and its first-tier subcontractors provide workers with a safe and healthy work environment and, at minimum, comply with local and national health and safety laws. If residential facilities are provided to workers, they are safe and healthy.

#### 7. Fair wages

The Bidder and its first-tier subcontractors provide wages and benefits which comply with all applicable laws and regulations and which match or exceed the local prevailing wages and benefits in the relevant industry or which constitute a living wage, whichever provides greater wages and benefits. Where compensation does not provide a living wage, the Bidder and its first-tier subcontractors shall ensure that real wages are increased annually to continuously close the gap with living wage.

#### 8. Hours of work

Except in extraordinary circumstances, the Bidder's and its first-tier subcontractors' employees are not required to work more than the lesser of (a) 48 hours per week and 12 hours overtime per week, or (b) the limits on regular and overtime hours allowed by the law of the country of manufacture.



Royal Canadian Mounted Police  
Gendarmerie royale du Canada

Doc. no: G.S. 1045-087

Date: 2018-12-05

## Specification

### Sweater, Pullover, Unisex

This document has 24 pages including the drawings.

This document was created in English.

The document is available in English and French.

English/Anglais  
Français/French

The photograph on this page is for reference only.



## Modifications

<b>Date</b>	<b>Para. No's</b>	<b>Modifications</b>
1994-09-24		Original Specification
1994-10-30	Para. 4.2.11	Position of shoulder badge amended.
1999-04-14	Table I – Scale of Measurements	Scale of Measurement amended to show number of body ribs across the chest as 54.
2001-05-09	Table I – Scale of Measurements	Scale of Measurement amended to correct error with waistband width.
2003-12-02	Entire Specification	Re-issued due to new design, change in knit and unisex sizing.
2003-12-22	Table I, pages 16-17	Missing L, XL, XXL of the regular group.
2004-01-21	Table I, pages 15,16-17	Change width at cuff of all XL sizes.
2004-01-26	Table I, pages 15,16-17	Change width at cuff of all XL sizes.
2005-01-04	Entire Specification	Entire specification re-written and re-issued. Clarification of measurements, methods of measuring and drawings added.
2007-07-11	Entire Specification	Entire specification re-written and re-issued. Test methods, results and tolerances up-dated to reflect information acquired from IWS (International Wool Secretariat).
2009-10-22	Page 8, Para. 4.4.11 Page 5, Para. 4.1.3 Page 9, Para. 6.1	Label positions modified. Requirement for Certification of Compliance added. Responsibility for Inspection clause modified.
2013-04-29	Para. 4.1.7  Para. 4.4.11 Evaluation Criteria	Updated the thread requirement as per industry recommendation and added Certificate of compliance required. Specify date in numeric form. Changed nomenclature from Validation certificate to Certificate of Compliance and updated definition.
2014-03-12	Para. 2.8 Para. 2.10  Para. 3.2 Para. 4.1.4  Para. 4.3 Para. 4.4.3 Para. 4.4.6	Updated Standard. Added reference to RCMP specification for cloth. Modified design detail. Changed woven material to Government Available Material (GAM). Modified stitching information. Modified details of neckband. Modified details of sleeve cuff.

	<p>Para. 8</p> <p>Drawing #4</p> <p>Appendix B</p>	<p>Deleted complete section referring to Auxiliary sweater modifications.</p> <p>Deleted drawing #4 referring to Auxiliary modifications.</p> <p>Modified Certification of Compliance definition and evaluation criteria.</p>
2015-06-10	<p>Para. 1.1</p> <p>Para. 1.4</p> <p>Para. 3.3 (Deleted)</p> <p>Para. 4.4.11</p> <p>Para. 5 (Deleted)</p> <p>Appendix B</p>	<p>Added item with MMR number to paragraph.</p> <p>Added paragraph relating to translation.</p> <p>Paragraph deleted.</p> <p>Updated marking &amp; cleaning label paragraph.</p> <p>Delivery and Marking paragraphs deleted and subsequent paragraph renumbered.</p> <p>Appendix deleted.</p>
2017-02-13	<p>Para. 2.5 &amp; 2.7</p> <p>Para. 2.9-2.12</p> <p>Para. 4.4.1-4.4.4</p> <p>Para. 4.4.9- 4.4.11</p> <p>Para. 6.1, 6.2 &amp; 6.9</p> <p>Scale of Measurement</p> <p>Table II</p>	<p>Updated standards to current editions.</p> <p>AATCC standard and ISO standard added, following paragraphs re-numbered.</p> <p>Modified paragraphs, moved information to Table II.</p> <p>Modified paragraphs.</p> <p>Modified paragraphs to full circumference measurements.</p> <p>Scale of measurements modified.</p> <p>Table II modified.</p>
2018-12-05	<p>Para. 2</p> <p>Para. 3.2</p> <p>Table II</p>	<p>Reformatted</p> <p>Revised description</p> <p>Revised testing requirements</p>

## **RCMP VIEWING SAMPLE**

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

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

It may be obtained from:

Royal Canadian Mounted Police  
ATTN: Uniform and Equipment Program  
(440 Coventry Road, Warehouse Building)  
73 Leikin Drive  
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**  
**SWEATER, PULLOVER, UNISEX**

1. **Definition**

- 1.1 This specification must govern the manufacture and inspection of Sweater, Pullover, Unisex. The specific items covered under this specification with stock numbers are as follows:
- i. 6648 – Sweater, Pullover, Unisex/ Chandail unisexe;
  - ii. 6649-100 – Sweater, Pullover, Unisex, Special / Chandail unisexe, taille spéciale.
- 1.2 This specification, drawing, 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 the RCMP Sweater, Pullover.
- 1.4 This specification has been translated into French from this original English language document.

2. **Applicable Documents**

- 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 **International Wool Secretariat**  
IWS Test Method 31, Washing of Wool Textile Products (Relaxation Dimensional Change and Felting Shrinkage)  
IWS Test Method 254, Tumble Drying Performance after Washing  
IWS Test Method 298, Knitwear Surface Appearance Assessed after Washing and Drying
- 2.3 **American Association of Textile Chemists and Colorists**  
AATCC Test Method 158-2016 Dimensional Changes on Drycleaning in Perchloroethylene Machine Method

- 2.4 Canadian General Standards Board  
 CAN/CGSB-4.2 No. 7-M88 (R2001) Knitted fabric count – Wales and courses per centimetre  
 CAN/CGSB-4.2 No. 14-2005 Quantitative Analysis of Fibre Mixtures  
 CAN/CGSB-4.2 No. 19.1-2004 (R2013) Colourfastness to washing – Accelerated test – Launder-Ometer  
 CAN/GCSB-4.2 No. 22-2004 Colourfastness to rubbing (Crocking)  
 CAN/CGSB-4.2 No. 23-M90 (R2013) Colourfastness to perspiration  
 CAN/CGSB-54.1-2010 Parts 1 and 2, Stitches and Seams  
 CAN/CGSB-86.1-2003 Care Labelling of Textiles
- 2.5 General Services Administration  
 Commercial Item Description  
 A-A-50199A Thread, Polyester Core, Cotton or Polyester-Covered
- 2.6 International Organization for Standardization  
 ISO 105-B02:2014 Textiles – Tests for colour fastness – Part B02: Colour fastness to artificial light: Xenon arc fading lamp test  
 ISO 105-X12:2016 Textiles – Tests for colour fastness – Part X12: Colour fastness to rubbing  
 ISO 137:2015 Wool – Determination of fibre diameter – Projection microscope method  
 ISO 12945-1:2000 Textiles – Determination of fabric propensity to surface fuzzing and to pilling – Part 1: Pilling box method
- 2.7 Royal Canadian Mounted Police  
 RCMP G.S.1045-115 Cloth, Wool/Polyester  
 RCMP G.S.1045-266 Badges Woven
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** – The Sweater, Pullover, Unisex, is a 100% wool, V-neck style sweater, navy blue in colour. The sweater features elbow patches, shoulder patches, and shoulder straps of a matching woven material.

#### 4. **Detail Requirements**

##### 4.1 **Components**

- 4.1.1 **Knitting Yarn** – The yarn must be 100% virgin wool, worsted spun of a 64's quality (20.60-22.04 microns) with a 2 ply, 2/28 worsted count or 2/32 metric count. The yarn must have a twist of 10.3 turns per inch (single strand) or 5.6 turns per inch (ply). The wool must be top dyed from shrink resistant treated tops. No reprocessed, reused, pulled or dead fibres must be used, nor must any untreated tops be mixed with the treated tops. The yarn must be navy blue in colour to match the swatch available from the Uniform and Equipment Program and must meet or exceed all the properties outlined in Table I.
- 4.1.2 **Shrink Resist Treatment** – The sweater must have a shrink resist treatment either chemical or resin applied to the tops prior to further processing. This treatment must conform to the standards of the International Wool Secretariat (IWS), represented in Canada by the Woolmark Company and which is of sufficiently good quality to meet the IWS "Machine Washable" standards as outlined in Table II.
- 4.1.3 **Finishing** – All knitted pieces must be washed at 43.3°C (110°F) and dried at 82.2°C (180°F) before cutting.
- 4.1.4 **Woven Material** – The woven material is RCMP stock item number 9100-000, Cloth, Wool/ Polyester, Blue Serge and must be purchased from the RCMP.
- 4.1.5 **Reinforcing Tape** – The reinforcing tape must be commercially available cotton, 6.4 mm wide twill tape, navy blue or black in colour. The tape must be used to reinforce the shoulder and underarm seams.
- 4.1.6 **Button** – The buttons must be navy plastic, 19 mm diameter, 30 ligne with four holes.
- 4.1.7 **Sewing Thread** – The thread must be polyester wrap, polyester core, Tex 40, Type II of matching colour, meeting A-A-50199A. The colour must match the woven

cloth. For flat cover seams, the above mentioned thread must be used in the needle, and the yarn used in the body must be used in the looper.

4.1.8 **Shoulder Badges** – The RCMP stock item number 2135-108, Badge, Shoulder, Police must be purchased from the RCMP.

4.2 **Size and Dimensions** – The Sweater, Pullover to this specification must be supplied in the sizes specified by the RCMP and to the dimensions given in the scale of measurements and drawings forming part of the specification. The garment components must be shaped, and dimensioned in accordance with the viewing sample. Measurements must be taken in a fully relaxed state allowing a minimum time period of 48 hours after garment completion before the measurements are taken.

4.3 **Seams and Stitches** – The side seams, underarm sleeve seams, and armhole seams must be joined by a Type 504 overlock seam. The shoulder seam must be covered with a flat cover stitch Type 402 or 406, using the knitting yarn in the looper. The covering effect must be on the underside and there must be a minimum of 9 stitches, with no more than 12 stitches per 2.5 cm. The neckband must be seamed using Type 501, having not less than 10 stitches, nor more than 12 stitches per 2.5 cm and must be smooth and free of puckering and fullness. The cuff seams must be fully fashioned finished knit and seamed using Type 501, having not less than 10 stitches, nor more than 12 stitches per 2.5 cm and must be smooth and free of puckering and fullness. All seams not secured by another seam must be bar tacked 1 cm long with a minimum of 15 stitches per tack or backstitched at ends. Care must be taken to ensure that all knit stitches are secured in order to prevent fraying. Completed sweaters must be neat and clean, with all loose threads and thread ends removed. Shoulder patches, straps and elbow patches constructed of woven cloth must be seamed using Type 501, having not less than 10 stitches, nor more than 12 stitches per 2.5 cm and must be smooth and free of puckering and fullness.

4.4 **Construction** – This is a cut and sew type construction.

4.4.1 **Body and Sleeves** – The sweater body and sleeves must be knit with an interlock stitch, using the yarn specified in para. 4.1.1 with a yarn feed of 12 gauge and 1 end. The constructed body and sleeves must meet the requirements outlined in Table II.

**Note:** A 12 gauge circular or flat machine has been found to produce a satisfactory knitted fabric for this requirement.

- 4.4.2 **Waistband** – The waistband rib must be constructed using a continuous knitting process with a 2 x 1 rib. The rib must meet the requirements outlined in Table II. The finish width of the waistband must be 6.4 cm ± 0.5 cm with no seams joining the waistband to the body.
- 4.4.3 **Neckband Band** – The neckband must be a full rib meeting the requirements outlined in Table II. It must be knitted in one piece and folded to form a double neckband approximately 3.2 cm wide. The ends of the band which form the V-neck, must be joined with a lock stitch seam to form an angle with the ribs properly matched giving a chevron effect. The collar band must be joined to the neck of the sweater using stitch Type 501, having no less than 10 stitches, nor more than 12 stitches per 2.5 cm and edge stitched 3 mm along the both edges of the band of the “V” onto the body to produce a finished edge both inside and outside of neckline. An alternate method of joining with a flat cover stitch using the body yarn in the looper (Type 402 or 406) and edge stitched 3 mm along the exterior of the “V” is acceptable. Once sewn in, the finished neckband must be 2.5 cm wide.
- 4.4.4 **Cuff** – The roll back style cuff must be constructed using a continuous knitting process with a 2 x 1 rib. The rib must meet the requirements outlined in Table II. The finished length of the roll back cuff should be 14 cm ± 0.5 cm, with no seams joining the cuff to the body.
- 4.4.5 **Shoulder Seam** – The shoulder seams must be joined by using a flat cover stitch Type 402 or 406 using body stitch yarn in the looper. Reinforcing tape as specified in Para. 4.1.5 must be inserted into the seam.
- 4.4.6 **Sleeve Seam and Side Seam** – Each sleeve must be joined to their respective armhole. During this operation, the shoulder strap must be centered and caught into the armhole seam. Reinforcing tape as per para. 4.1.5, measuring 8 cm long, must be inserted evenly in the armhole seams under where the sleeve seam and the side seam meet. The elbow patches must be caught in the underarm sleeve seams. The sleeve seams and the side seams must be joined together in a continuous operation to within 10 cm of the sleeve cuff edge using an overlock stitch Type 504. At this point, the seaming must be Type 501, having not less than 10 stitches, nor more than 12 stitches per 2.5 cm to the fully fashioned finished knit edge. A bar tack

must be made parallel to the seam, on the seam allowance of the cuff and the bottom hem to secure the seams.

- 4.4.7 **Shoulder Patches** – A patch constructed from woven cloth as specified in para. 4.1.4 must be centered over the shoulder seams with the raw edges turned under 1 cm and edge stitched through all plies ensuring the corners are worked properly before stitching. The sweater ribs must be as near to a relaxed or in an “un-stretched” condition as practicable at the time of attachment. The outside edge of the patch must follow the contour of, and be included in the armhole seam with the inside edge of the patch positioned as close as possible to the collar band at the neck and follow the top or bottom of the closest rib. A button as specified in para. 4.1.6. must be sewn to the centre of the shoulder patch, on the shoulder seam, positioned 2.5 cm from the neckband. The finished shoulder patches must be shaped and dimensioned in accordance with the scale of measurements and drawings.
- 4.4.8 **Elbow Patches** – The elbow patches constructed from woven cloth as specified in para. 4.1.4, must be rectangular in shape, with one rounded corner at the top. The raw edges must be turned 1 cm with corners properly worked before stitching. The elbow patches must be edge stitched using a 1.6 mm gauge on the front and side edges through all plies (lockstitch Type 501). The sweater ribs must be as near to a relaxed or in an “un-stretched” condition as practicable at the time of attachment. The patches must commence 4.5 cm above the top of the rib cuff and must be sewn into the sleeve seam. The finished elbow patches must be shaped and dimensioned in accordance with the scale of measurements and drawings.
- 4.4.9 **Shoulder Strap** – The shoulder straps, constructed from two plies of the woven cloth as specified in Para. 4.1.4, must be shaped with a pointed end at neck edge. They must be seamed together using a single-needle lockstitch Type 501, turned (or may be pre-creased) and edge stitched using a 1.6 mm gauge, along the sides and pointed end. The strap must have a buttonhole, keyhole or regular, sized to fit a 30 ligne button positioned in the center 1.27 cm from the pointed end, and parallel to the length of the strap. The buttonholes must be bar tacked, cut with no less than 28 stitches per 2.5 cm if using regular buttonhole. The shoulder strap must be caught in the armhole seam and lie straight and flat when buttoned. The shoulder strap must be centred over the shoulder seam. The finished shoulder straps must be shaped and dimensioned in accordance with the scale of measurements and drawings.

4.4.10 **Shoulder Badge** – The sleeve must have an RCMP shoulder badge specified in para. 4.1.8 affixed to the sleeve head and centered in relation to the shoulder strap, 2 cm down from the shoulder seam as per Drawing 1, using the thread specified in para. 4.1.7. Care must be taken to ensure the badge is properly positioned vertically and horizontally.

4.4.11 **Marking & Cleaning Instruction Labels** – Each sweater must have a durable label positioned and sewn to the side seam. The text must be permanent inks of a contrasting colour and must withstand the life of the garment with no apparent change in appearance. All text except for the RCMP stock number and size must be in size 6 font. The RCMP stock number and size must appear in size 8 font. The size of the label must be no larger than 7.5 cm x 3 cm. Text may be printed on both sides of the label. The manufacturer’s identification must not appear anywhere on the garment except where indicated on the label. The label must contain the following information in English and French:

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. 6648 000)
4. Size of the article, combining the size designation referenced in the English and French contract documents. (Ex. L/R - G/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	RCMP-GRC #	
2		
3		
4		
5		
6		
7	Machine wash - cool (30°C)	Laver à la machine – à l’eau froide (30°C)
	<b>Do Not</b> use fabric softener or chlorine bleach	<b>Ne pas</b> utiliser d’agent adoucissant ou d’agent de blanchiment
	Tumble dry- low ( <b>Do Not</b> use dryer sheets)	Séchage par culbutage – à basse température ( <b>Ne pas</b> utiliser d’assouplissant en feuilles)
	Steam iron - low	Repassage à vapeur - à température basse
	Dry clean	Nettoyage à sec

## 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 RCMP, Uniform and 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 RCMP, Uniform and Equipment Program that conformity to this specification of manufacturing processes is assured. The contractor must use any independent, North American, ISO 9001 certified and ISO 17025 "Textile" certified testing facilities.
- 5.2 The RCMP, Uniform and 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 returned at the contractor's risk and expense.

6. **Methods of Measuring** (Refer to the Scale of Measurements and Drawing No. 2 & 3).
- 6.1 **Chest Circumference (total circumference)** (A) – The chest circumference must be the distance across the sweater, measured 2.5 cm below the lowest point of the armholes. The result must be doubled to measure total circumference.
- 6.2 **Waistband Circumference (total circumference)** (B) – The waist circumference must be the distance across the waistband measured in a straight line in a relaxed position in the middle of the rib from side seam to side seam. The result must be doubled to measure total circumference.
- 6.3 **Depth of Armhole** (C) – The armhole must be the distance across the sleeve, measured in a straight line from the top of the shoulder to the armhole seam.
- 6.4 **V-Neck Depth** (D) – The depth must be the distance measured from the top of the back neck rib at centre back to the top of the neck rib at the centre front V.
- 6.5 **Shoulder Seam Length** (E) – The shoulder seam must be the distance across the seam at the shoulder, measured in a straight line from the sleeve seam to the neckline seam.
- 6.6 **Back Neck Width** (F) – The back neck width must be the distance across the sweater, measured in a straight line from neckline/shoulder seam to neckline/shoulder seam.
- 6.7 **Centre Back Length** (G) – The length must be the distance measured from the neck seam below the rib at centre back to the bottom of the waistband.
- 6.8 **Sleeve Length** (H) – The sleeve length must be the distance, measured in a straight line, at the top edge of the centre back neck rib to the bottom edge of the cuff.
- 6.9 **Cuff Circumference (total circumference)** (J) – The cuff circumference must be the distance across the cuff, measured in a straight line at the bottom edge of the rib. The result must be doubled to measure total circumference.

### **Shoulder Patches**

- 6.10 **Shoulder Width** (K) – The shoulder width must be the distance measured along the shoulder seam in a straight line from the tip near the neckline to the shoulder seam.
- 6.11 **Neck Edge** (L) – The neck edge must be the distance measured in a straight line from point to point.

### **Elbow Patches**

- 6.12 **Length** (M) – The length must be measured in a straight line from top edge to bottom edge.
- 6.13 **Width at Widest Point** (N) – The distance must be measured in a straight line perpendicular to the outside edge of the patch 2.5cm below the top edge of the patch.
- 6.14 **Width at Cuff** (P) – The width must be measured along the bottom edge of the elbow patch.

Size Designation		Body Measurements		GARMENT MEASUREMENTS - CENTIMETRES														
Height Group	Size	Chest		Chest Circumference	Waistband Circumference	Armhole Depth	V-Neck Depth	Shoulder Seam Length	Back Neck Width	Centre Back Length	Sleeve Length	Cuff Circumference	Shoulder Patches		Elbow Patches			
		cm											Shoulder Width	Length of Neck Edge	Length	Width at Widest Point	Width at Cuff	
Short	XXS	66 – 71.1		81.2	53.4	21.6	17.8	14	15.2	53.3	74.9	15.2	13.3	20	22.9	14	9.5	
	XS	76.2 – 81.3		91.4	61	22.9	17.8	14	15.9	55.9	77.5	16.5	13.3	20	23.5	14	9.5	
	S	86.4 – 91.4		101.6	68.6	24.1	17.8	14	16.5	58.4	80	16.5	13.3	22.2	24.1	14	9.5	
	M	96.5 – 101.6		111.8	78.8	25.4	17.8	14.6	17.2	61	82.5	16.5	14	22.2	24.8	14	10	
	L	106.7 – 111.8		122	86.4	26.7	17.8	15.25	17.8	63.5	85	17.8	14.6	24.1	25.4	14	10	
	XL	116.8 – 121.9		132	96.5	27.9	17.8	16.5	18.4	64.8	86.4	19	15.9	24.1	26	17.2	12.1	
	2XL	127 – 132.1		142.2	106.6	29.2	19	17.8	19	66	90	20	17	26	26.7	17.2	12.1	
	3XL	137.2 – 142.2		152.4	116.8	30.5	19	19	19.7	66	91.4	20	18.4	26	27.3	17.2	12.1	
	Regular	XXS	66 – 71.1		81.2	53.4	21.6	20.3	14	15.2	58.4	81.3	15.2	13.3	22	25.4	14	9.5
		XS	76.2 – 81.3		91.4	61	22.9	20.3	14	15.9	61	83.8	16.5	13.3	22	26	14	9.5
S		86.4 – 91.4		101.6	68.6	24.1	20.3	14	16.5	63.5	86.36	16.5	13.3	24.1	26.7	14	9.5	
M		96.5 – 101.6		111.8	78.8	25.4	20.3	14.6	17.2	66	88.9	16.5	14	24.1	27.3	14	10	
L		106.7 – 111.8		122	86.4	26.7	20.3	15.25	17.8	68.6	91.4	17.8	14.6	26	27.9	14	10	
XL		116.8 – 121.9		132	96.5	27.9	20.3	16.5	18.4	69.9	92.7	19	15.9	26	28.6	17.2	12.1	
2XL		127 – 132.1		142.2	106.6	29.2	21.6	17.8	19	71.1	95.25	20	17	27.9	29.2	17.2	12.1	
3XL		137.2 – 142.2		152.4	116.8	30.5	21.6	19	19.7	71.1	96.5	20	18.4	27.9	29.8	17.2	12.1	
TOLERANCES ±				2.5	2.5	1.3	0.65	0.65	0.65	1.3	1.3	1.3	0.65	0.65	0.65	0.65	0.65	
MEASUREMENT LOCATION		A	B	C	D	E	F	G	H	J	K	L	M	N	P			

Size Designation		Body Measurements		GARMENT MEASUREMENTS - CENTIMETRES														
Height Group	Size	Chest		Chest Circumference	Waistband Circumference	Armhole Depth	V-Neck Depth	Shoulder Seam Length	Back Neck Width	Centre Back Length	Sleeve Length	Cuff Circumference	Shoulder Patches		Elbow Patches			
		cm											Shoulder Width	Length of Neck Edge	Length	Width at Widest Point	Width at Cuff	
Tall	XXS	66 – 71.1		81.2	53.4	21.6	22.9	14	15.2	63.5	87.6	15.2	13.3	23.9	27.9	14	9.5	
	XS	76.2 – 81.3		91.4	61	22.9	22.9	14	15.9	66	90.2	16.5	13.3	23.9	28.6	14	9.5	
	S	86.4 – 91.4		101.6	68.6	24.1	22.9	14	16.5	68.6	92.7	16.5	13.3	26	29.2	14	9.5	
	M	96.5 – 101.6		111.8	78.8	25.4	22.9	14.6	17.2	71.1	95.25	16.5	14	26	29.8	14	10	
	L	106.7 – 111.8		122	86.4	26.7	22.9	15.25	17.8	73.7	97.8	17.8	14.6	27.9	30.5	14	10	
	XL	116.8 – 121.9		132	96.5	27.9	22.9	16.5	18.4	74.9	99	19	15.9	27.9	31.1	17.2	12.1	
	2XL	127 – 132.1		142.2	106.6	29.2	24.1	17.8	19	76.2	100.3	20	17	29.8	31.75	17.2	12.1	
	3XL	137.2 – 142.2		152.4	116.8	30.5	24.1	19	19.7	76.2	101.6	20	18.4	29.8	32.4	17.2	12.1	
	X-Tall		66 – 71.1		81.2	53.4	21.6	25.4	14	15.2	68.5	94	15.2	13.3	25.7	30.5	14	9.5
	XS	76.2 – 81.3		91.4	61	22.9	25.4	14	15.9	71.1	96.5	16.5	13.3	25.7	31.1	14	9.5	
	S	86.4 – 91.4		101.6	68.6	24.1	25.4	14	16.5	73.7	99	16.5	13.3	27.9	31.75	14	9.5	
	M	96.5 – 101.6		111.8	78.8	25.4	25.4	14.6	17.2	76.2	101.6	16.5	14	27.9	32.4	14	10	
	L	106.7 – 111.8		122	86.4	26.7	25.4	15.25	17.8	78.7	104.1	17.8	14.6	29.8	33	14	10	
	XL	116.8 – 121.9		132	96.5	27.9	25.4	16.5	18.4	80	105.4	19	15.9	29.8	33.6	17.2	12.1	
	2XL	127 – 132.1		142.2	106.6	29.2	26.7	17.8	19.7	81.3	105.4	20	17	31.75	34.3	17.2	12.1	
	3XL	137.2 – 142.2		152.4	116.8	30.5	26.7	19	19.7	81.3	106.7	20	18.4	31.75	34.9	17.2	12.1	
	TOLERANCES ±				2.5	2.5	1.3	0.65	0.65	0.65	1.3	1.3	1.3	0.65	0.65	0.65	0.65	0.65
	MEASUREMENT LOCATION				A	B	C	D	E	F	G	H	J	K	L	M	N	P

Size Designation		Scale of Measurements – Sweater, Pullover, Unisex																
Height Group	Size	Body Measurements		GARMENT MEASUREMENTS - <u>INCHES</u>														
		Chest Inches		Chest Circumference	Waistband Circumference	Armhole Depth	V-Neck Depth	Shoulder Seam Length	Back Neck Width	Centre Back Length	Sleeve Length	Cuff Circumference	Shoulder Patches Shoulder Width	Length of Neck Edge	Shoulder Patches Length	Elbow Patches Width at Widest Point	Width at Cuff	
Short	XXS	26" – 28"	32"	21"	8½"	7"	5½"	6"	21"	29½"	6"	5¼"	7⅞"	9"	5½"	3¾"		
	XS	30" – 32"	36"	24"	9"	7"	5½"	6¼"	22"	30½"	6½"	5¼"	7⅞"	9¼"	5½"	3¾"		
	S	34" – 36"	40"	27"	9½"	7"	5½"	6½"	23"	31½"	6½"	5¼"	8¾"	9½"	5½"	3¾"		
	M	38" – 40"	44"	31"	10"	7"	5¾"	6¾"	24"	32½"	6½"	5½"	8¾"	9¾"	5½"	4"		
	L	42" – 44"	48"	34"	10½"	7"	6"	7"	25"	33½"	7"	5¾"	9½"	10"	5½"	4"		
	XL	46" – 48"	52"	38"	11"	7"	6½"	7¼"	25½"	34"	7½"	6¼"	9½"	10¼"	6¾"	4¾"		
	2XL	50" – 52"	56"	42"	11½"	7½"	7"	7½"	26"	35½"	8"	6¾"	10¼"	10½"	6¾"	4¾"		
	3XL	54" – 56"	60"	46"	12"	7½"	7½"	7¾"	26"	36"	8"	7¼"	10¼"	10¾"	6¾"	4¾"		
	Regular	XXS	26" – 28"	32"	21"	8½"	8"	5½"	6"	23"	32"	6"	5¼"	8⅝"	10"	5½"	3¾"	
		XS	30" – 32"	36"	24"	9"	8"	5½"	6¼"	24"	33"	6½"	5¼"	8⅝"	10¼"	5½"	3¾"	
S		34" – 36"	40"	27"	9½"	8"	5½"	6½"	25"	34"	6½"	5¼"	9½"	10½"	5½"	3¾"		
M		38" – 40"	44"	31"	10"	8"	5¾"	6¾"	26"	35"	6½"	5½"	9½"	10¾"	5½"	4"		
L		42" – 44"	48"	34"	10½"	8"	6"	7"	27"	36"	7"	5¾"	10¼"	11"	5½"	4"		
XL		46" – 48"	52"	38"	11"	8"	6½"	7¼"	27½"	36½"	7½"	6¼"	10¼"	11¼"	6¾"	4¾"		
2XL		50" – 52"	56"	42"	11½"	8½"	7"	7½"	28"	37½"	8"	6¾"	11"	11½"	6¾"	4¾"		
3XL		54" – 56"	60"	46"	12"	8½"	7½"	7¾"	28"	38"	8"	7¼"	11"	11¾"	6¾"	4¾"		
TOLERANCES ±		1"																
MEASUREMENT LOCATION		A	B	C	D	E	F	G	H	J	K	L	M	N	P			

Size Designation		Scale of Measurements – Sweater, Pullover, Unisex															
Height Group	Size	Body Measurements		GARMENT MEASUREMENTS - <u>INCHES</u>													
		Chest Inches		Chest Circumference	Waistband Circumference	Armhole Depth	V-Neck Depth	Shoulder Seam Length	Back Neck Width	Centre Back Length	Sleeve Length	Cuff Circumference	Shoulder Patches Shoulder Width	Shoulder Patches Length of Neck Edge	Length	Elbow Patches Width at Widest Point	Width at Cuff
Tall	XXS	26" – 28"	32"	21"	8½"	9"	5½"	6"	25"	34½"	6"	5¼"	9⅞"	11"	5½"	3¾"	
	XS	30" – 32"	36"	24"	9"	5½"	6¼"	26"	35½"	6½"	5¼"	9⅞"	11¼"	5½"	3¾"		
	S	34" – 36"	40"	27"	9½"	5½"	6½"	27"	36½"	6½"	5¼"	10¼"	11½"	5½"	3¾"		
	M	38" – 40"	44"	31"	10"	5¾"	6¾"	28"	37½"	6½"	5½"	10¼"	11¾"	5½"	4"		
	L	42" – 44"	48"	34"	10½"	6"	7"	29"	38½"	7"	5¾"	11"	12"	5½"	4"		
	XL	46" – 48"	52"	38"	11"	6½"	7¼"	29½"	39"	7½"	7½"	6¼"	11"	12¼"	6¾"	4¾"	
	2XL	50" – 52"	56"	42"	11½"	7"	7½"	30"	39½"	8"	8"	6¾"	11¾"	12½"	6¾"	4¾"	
	3XL	54" – 56"	60"	46"	12"	7½"	7¾"	30"	40"	8"	8"	7¼"	11¾"	12¾"	6¾"	4¾"	
	X-Tall	26" – 28"	32"	21"	8½"	10"	5½"	6"	27"	37"	6"	5¼"	10⅞"	12"	5½"	3¾"	
X-Tall	XS	30" – 32"	36"	24"	9"	5½"	6¼"	28"	38"	6½"	5¼"	10⅞"	12¼"	5½"	3¾"		
	S	34" – 36"	40"	27"	9½"	5½"	6½"	29"	39"	6½"	5¼"	11"	12½"	5½"	3¾"		
	M	38" – 40"	44"	31"	10"	5¾"	6¾"	30"	40"	6½"	5½"	11"	12¾"	5½"	4"		
	L	42" – 44"	48"	34"	10½"	6"	7"	31"	41"	7"	5¾"	11¾"	13"	5½"	4"		
	XL	46" – 48"	52"	38"	11"	6½"	7¼"	31½"	41½"	7½"	6¼"	11¾"	13¼"	6¾"	4¾"		
	2XL	50" – 52"	56"	42"	11½"	7"	7½"	32"	41½"	8"	6¾"	12½"	13½"	6¾"	4¾"		
	3XL	54" – 56"	60"	46"	12"	7½"	7¾"	32"	42"	8"	7¼"	12½"	13¾"	6¾"	4¾"		
	TOLERANCES ±		1"	1"	1"	½"	¼"	½"	½"	½"	½"	¼"	¼"	¼"	¼"	¼"	¼"
	MEASUREMENT LOCATION		A	B	C	D	E	F	G	H	J	K	L	M	N	P	

**TABLE I**  
**Yarn Requirements**

REQUIREMENT		TEST METHOD
1	Colour	Dark Blue as per woven material of Para. 4.1.4
2	Fibre Content	100% virgin wool See Para. 4.1.1 • CAN/CGSB-4.2 No. 14-2005
3	Fibre Diameter	64's quality worsted spun (20.60-22.04 microns) • ISO 137:2015
4	Yarn Structure	2 ply • Visual

**TABLE II**  
**Knitted Fabric Requirements**

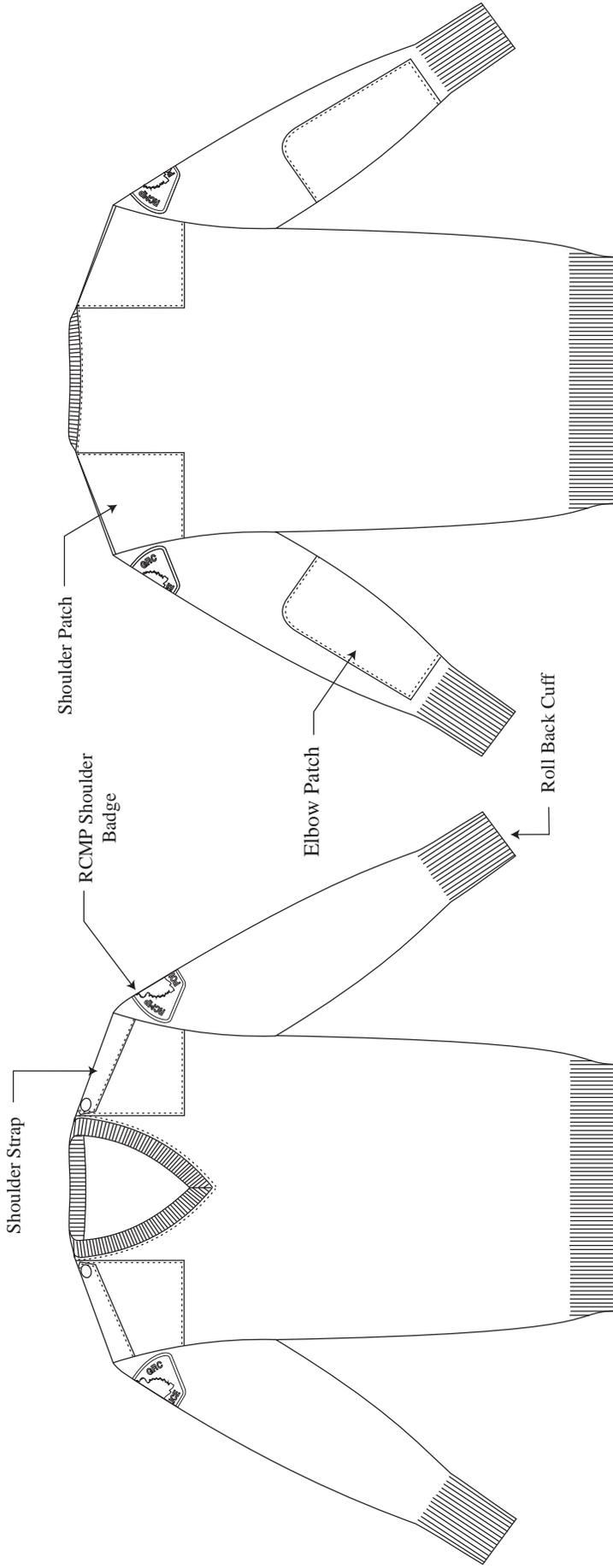
REQUIREMENT				TEST METHOD
1	Body and sleeves Knit yarns per cm	Wales	$7 \pm 1$	<ul style="list-style-type: none"> <li>CAN/CGSB-4.2 No. 7- M88 (2001)</li> </ul>
		Courses	$8 \pm 1$	
2	Waistband/Neckband/Cuff Rib yarns per cm	Wales	$5.5 \pm 1$	<ul style="list-style-type: none"> <li>CAN/CGSB-4.2 No. 7- M88 (2001)</li> </ul>
		Courses	$9.8 \pm 1$	
3	Colour Fastness to Light	Blue Wool Standard L4 or better		<ul style="list-style-type: none"> <li>ISO 105-B02:2014</li> </ul>
4	Colour Fastness to Crocking	Dry	Grey scale 4 or better	<ul style="list-style-type: none"> <li>CAN/CGSB-4.2 No. 22-2004</li> <li><b>OR</b></li> <li>ISO 105-X12:2016</li> </ul>
		Wet	Grey scale 4 or better	
5	Colour Fastness to Washing	Grey scale 4 or better		<ul style="list-style-type: none"> <li>CAN/CGSB-4.2 No. 19.1-2004 (R2013) Test No.1</li> <li>Note: Evaluate using Gray Scale for Color Change (AATCC EP1)</li> </ul>
6	Colour Fastness to Perspiration	Acid		<ul style="list-style-type: none"> <li>CAN/CGSB-4.2 No. 23 - M90 (R2013)</li> </ul>
		Colour Change	Grey Scale 4 or better	
		Staining	Grey Scale 4 or better	
		Alkaline		
		Colour Change	Grey Scale 4 or better	
		Staining	Grey Scale 4 or better	
7	Relaxation Dimensional Change	Width	$\pm 5\%$ max.	<i>Finished garment after 1 wash:</i> <ul style="list-style-type: none"> <li>The Woolmark Company TM 31 Wash Procedure 5A</li> <li><b>AND</b></li> <li>The Woolmark Company TM 254</li> </ul>
		Length	$\pm 5\%$ max.	
8	Felting Shrinkage	Width	$\pm 5\%$ max.	<i>Finished garment after 5 washes:</i> <ul style="list-style-type: none"> <li>The Woolmark Company TM 31 Wash Procedure 5A</li> <li><b>AND</b></li> <li>The Woolmark Company TM 254</li> </ul>
		Length	$\pm 5\%$ max.	
9	Total Shrinkage	Width	$\pm 5\%$ max.	<i>Finished garment after 5 washes:</i> <ul style="list-style-type: none"> <li>The Woolmark Company TM 31 Wash Procedure 5A</li> <li><b>AND</b></li> <li>The Woolmark Company TM 254</li> </ul>
		Length	$\pm 5\%$ max.	
10	Area Dimensional Change	$\pm 5\%$ max.		<i>Finished garment after 5 washes:</i>

				<ul style="list-style-type: none"> <li>The Woolmark Company TM 31 Wash Procedure 5A</li> </ul> <p><b>AND</b></p> <ul style="list-style-type: none"> <li>The Woolmark Company TM 254</li> </ul>
11	Dimensional Change in Dry Cleaning	Width	$\pm 5\%$ max.	<ul style="list-style-type: none"> <li>AATCC 158-2016</li> </ul>
		Length	$\pm 5\%$ max.	
12	Surface Appearance Assessment	Grade 3 or better		<p><i>Finished garment after washing and drying:</i></p> <ul style="list-style-type: none"> <li>The Woolmark Company TM 298</li> </ul> <p>1 Wash – Procedure 7A</p> <p><b>AND</b></p> <p>5 Washes – Procedure 5A</p> <p>Note: Evaluate using ISO 12945-1: 2000, Table I – Visual assessment</p>

# Drawing 1

Sweater, Pullover, Unisex

G.S.1045-87



Front View

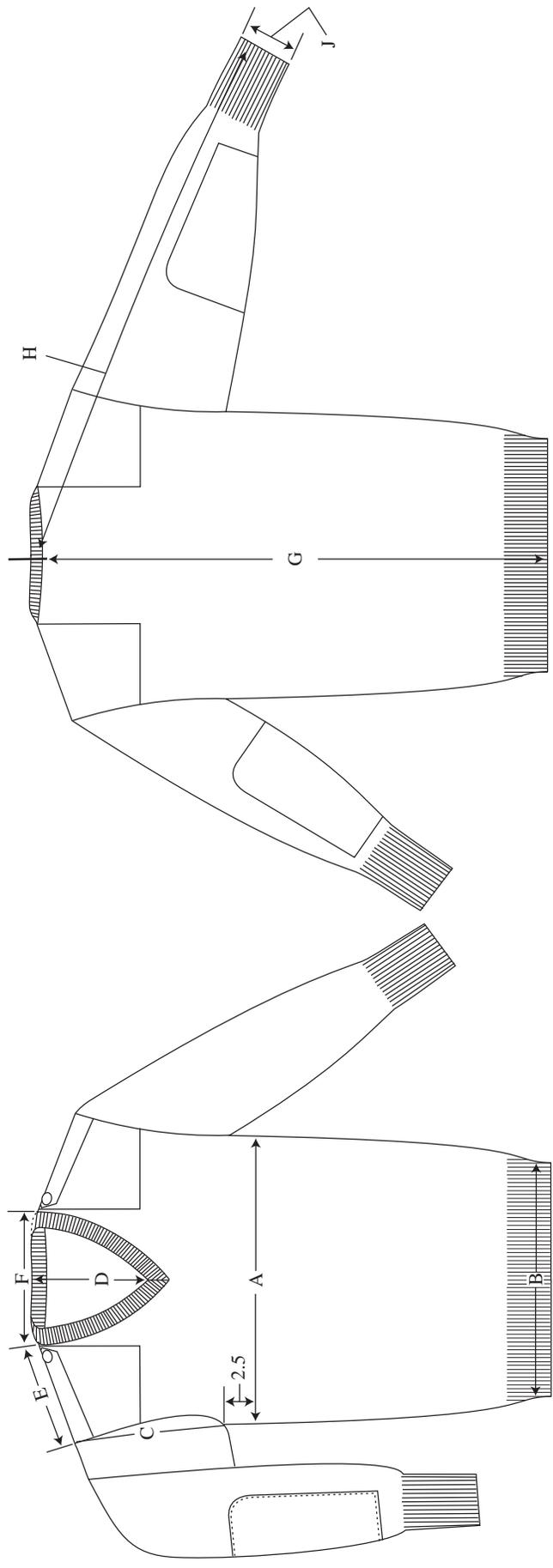
Rear View

**NOT TO SCALE**  
All measurements are shown in centimeters.  
± 0.5 cm tolerance acceptable unless otherwise indicated.

# Drawing 2

G.S.1045-87

Sweater, Pullover, Unisex



Rear View

Front View

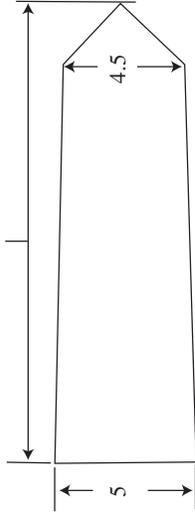
**NOT TO SCALE**  
All measurements are shown in centimeters.  
± 0.5 cm tolerance acceptable unless otherwise indicated.

# Drawing 3

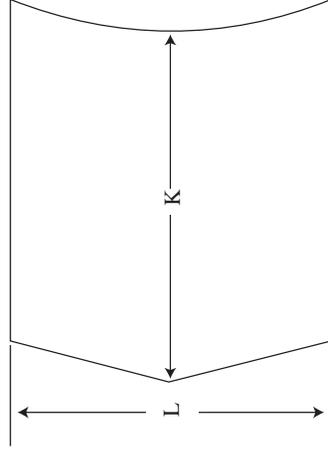
G.S.1045-87

Sweater, Pullover, Unisex

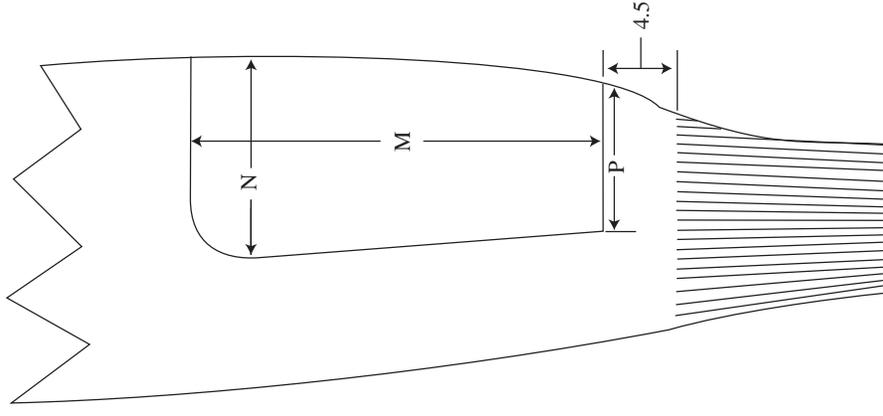
As specified in "E" Scale of Measurements  
"Shoulder Seam Length"



Shoulder Strap



Shoulder Patch



Elbow Patch

NOT TO SCALE

All measurements are shown in centimeters.  
± 0.5 cm tolerance acceptable unless otherwise indicated.