

**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 0A1 / Noyau 0A1
Gatineau, Québec K1A 0S5
Bid Fax: (819) 997-9776**

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

**Proposal To: Public Works and Government
Services Canada**

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

**Proposition aux: Travaux Publics et Services
Gouvernementaux Canada**

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

Comments - Commentaires

Title - Sujet AR FR GLOVE		
Solicitation No. - N° de l'invitation W8486-121250/A	Date 2012-04-11	
Client Reference No. - N° de référence du client W8486-121250		
GETS Reference No. - N° de référence de SEAG PW-\$\$PR-714-60246		
File No. - N° de dossier pr714.W8486-121250	CCC No./N° CCC - FMS No./N° VME	
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2012-05-17		Time Zone Fuseau horaire Eastern Standard Time EST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>		
Address Enquiries to: - Adresser toutes questions à: Sinka, William		Buyer Id - Id de l'acheteur pr714
Telephone No. - N° de téléphone (819) 956-3511 ()		FAX No. - N° de FAX (819) 956-5454
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATIONAL DEFENCE 25 CFSD RECEIPTS SECTION CFB MONTREAL 6363 RUE NOTRE DAME ST E. MONTREAL Quebec H1N2E9 Canada		

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address

**Raison sociale et adresse du
fournisseur/de l'entrepreneur**

Issuing Office - Bureau de distribution

Clothing and Textiles Division / Division des vêtements et des textiles
11 Laurier St./ 11, rue Laurier
6B1, Place du Portage
Gatineau, Québec K1A 0S5

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



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Unit Price/Prix unitaire FOB/FAM DestinationPlant/Usine		Delivery Req. Livraison Req.	Del. Offered Liv. offerte
1	AR FR glove Gloves, flame resistant, tan, combat, DSSPM 2-13-87-9173	WB941	W8486	2500	Pairs	\$	XXXXXXXXXXXX	See Herein	

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PART 1 - GENERAL INFORMATION**1. SECURITY REQUIREMENT**

There is no security requirement associated with the requirement.

2. STATEMENT OF REQUIREMENT

The Requirement is detailed under Annex A of the resulting contract clauses.

3. DEBRIEFINGS

After contract award, 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 of receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

PART 2 - BIDDER INSTRUCTIONS**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 (<http://ccua-sacc.tpsgc-pwgsc.gc.ca/pub/acho-eng.jsp>) 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 (2011-05-16) 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: sixty (60) calendar days

Insert: one hundred and twenty (120) calendar days

Section 12 of 2003 entitled Rejection of Bid, Standard Instructions - Goods or Services - Competitive Requirements is amended as follows:

Replace subsection 1. (a) and (b) with the following:

1. Canada may reject a bid where any of the following circumstances is present:

- (a) the Bidder is subject to a Vendor Performance Corrective Measure, under the Vendor Performance Corrective Measure Policy, which renders the Bidder ineligible to bid on the requirement;
- (b) an employee, or subcontractor included as part of the bid, is subject to a Vendor Performance Corrective Measure, under the Vendor Performance Corrective Measure Policy, which would render that employee or subcontractor ineligible to bid on the requirement, or the portion of the requirement the employee or subcontractor is to perform;

2. SUBMISSION OF BIDS

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

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 questions or may request that the Bidder do so, so that the proprietary nature of the question is eliminated, and the enquiry can be answered with copies to all bidders. Enquiries not submitted in a form that can be distributed to all bidders may not be answered by Canada.

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.

5. TECHNICAL DATA AND/OR SAMPLE(S)

Technical data and sample(s) (if applicable) may be viewed (by appointment only) at the following offices:

Public Works & Government Services Canada
Supply Directorate
6th floor
1550 D'Estimauville
Quebec, Que. G1J 0C7
TEL: 418-649-2831
FAX: 418-648-2209

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

Public Works & Government Services Canada
Suite 480, 33 City Centre Drive
Mississauga, Ont. L5B 2N5
TEL: 905-615-2070
FAX 905-615-2060

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

Public Works & Government Services Canada
Telus Plaza North

10025 Jasper Avenue, 5th Floor
 Edmonton, AB T5J 1S6
 TEL: (780) 497-3649
 FAX: (780) 497-3510

Public Works & Government Services Canada
 Pacific Region, SOSB, Industrial & Commercial Products
 12th Floor, 800 Burrard Street
 Vancouver, B.C V6Z 2V8
 TEL: 604-775-7630
 FAX: 604-775-7526

Public Works & Government Services Canada
 1713 Bedford Row, 5th Floor
 Halifax, N.S. B3J 3C9
 TEL: 902-496-5076
 FAX: 902-496-5016

Department of National Defence
 National Defence Headquarters
 Printing Bureau
 45 Sacré-Coeur Blvd.
 Gatineau, Quebec
 K1A 0K2
 ATTN: DSCO 4-7-4
 TEL: 819-997-2672
 FAX: 819-994-9561

6. SPECIFICATIONS AND STANDARDS

6.1 United States Military Specifications and Standards

The Bidder is responsible for obtaining copies of all United States (US) military specifications and standards which may be applicable to the requirement. These specifications and standards are available commercially, or may be obtained by visiting the US Department of Defense Website, at the following address:
<http://dodssp.daps.dla.mil/> .

6.2 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>

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 WB941: \$ _____
 (h) Total cost \$ _____

PART 3 - BID PREPARATION INSTRUCTIONS

1. BID PREPARATION INSTRUCTIONS

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

Section I - Technical Bid (1 hard copy)

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

<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html> .

To assist Canada in reaching its objectives, bidders are encouraged to:

- 1) use paper containing fibre certified as originating from a sustainably-managed forest and/or containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

3) Green Initiatives (for PWGSC information only)

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

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

Section I: Technical Bid

In their technical bid, bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work (reference pre-award sample, Part 4, Evaluation Procedures, 1.1.1 Mandatory Technical Criteria).

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Goods and Services Tax (GST) or Harmonized Sales Tax (HST) is to be shown separately, if applicable.

1.1 SACC Manual Clause

C3011T

2010/01/11

Exchange Rate Fluctuation

Section III: Certifications

Bidders must submit the certifications required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION**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.

1.1 TECHNICAL EVALUATION**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: NSN20-003-9178 Medium (1 pair) must be included with the bid.

Specified label(s) are not required at the pre-award stage.

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

The Bidder must deliver the required pre-award sample at no charge to Canada and must ensure that it is received with the bid at time and place of bid closing. Failure to submit the required pre-award sample within the specified time frame will result in the bid being declared non-responsive. The sample submitted by the Bidder will remain the property of Canada.

The sample will be evaluated for quality of workmanship and conformance to specified materials and measurements. (Except for substitutions as indicated below)

The requirement for a pre-award sample will not relieve the successful bidder from submitting sample(s) and/or test results and/or certificates of compliance as required by the contract terms or from strictly adhering to the technical requirement of this Request For Proposal and any resultant contract.

1.2 FINANCIAL EVALUATION**1.2.1 MANDATORY FINANCIAL CRITERIA**

- a. The Bidder must submit firm unit prices in Canadian dollars, GST/HST extra, DDP (Montreal) Incoterms 2000, transportation costs included, all applicable Customs Duties and Excise taxes included.

- b. The Bidder must submit firm unit pricing for all items and all destinations including option quantities. The Bidder is requested to quote firm unit pricing at no more than two decimal points.

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.

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

3. CONTRACT FINANCIAL SECURITY

1. If this bid is accepted, the Bidder may be required to provide contract financial security, after the bid closing date and within 10 calendar days from receipt of a written request from the Contracting Authority.

(a) a security deposit as defined in clause "Security Deposit Definition" in the amount of up to ten percent (10%) of the contract price.

2. Security deposits in the form of government guaranteed bonds with coupons attached will be accepted only if all coupons that are unmaturing, at the time the security deposit is provided, are attached to the bonds. The Contractor must provide written instructions concerning the action to be taken with respect to coupons that will mature while the bonds are pledged as security, when such coupons are in excess of the security deposit requirement.

3. If Canada does not receive the required financial security within the specified period, Canada may, as its discretion, accept another offer, issue a new bid solicitation, award a contract or reject all the bids.

4. 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;
- (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

Bidders must provide the required certifications to be awarded a contract. Canada will declare a bid non-responsive if the required certifications are not completed and submitted as requested.

Compliance with the certifications bidders provide to Canada is subject to verification by Canada during the bid evaluation period (before award of a contract) and after award of a contract. The Contracting Authority will have the right to ask for additional information to verify the bidders' compliance with the certifications before award of a contract. The bid will be declared non-responsive if any certification made by the Bidder is untrue, whether made knowingly or unknowingly. Failure to comply with the certifications or to comply with the request of the Contracting Authority for additional information will also render the bid non-responsive.

1. CERTIFICATIONS PRECEDENT TO CONTRACT AWARD

The certifications listed below should be completed and submitted with the bid, but may be submitted afterwards. If any of these required certifications is not completed and submitted as requested, the Contracting Authority will so inform the Bidder and provide the Bidder with a time frame within which to meet the requirement. Failure to comply with the request of the Contracting Authority and meet the requirement within that time period will render the bid non-responsive.

1.1 FEDERAL CONTRACTORS PROGRAM - CERTIFICATION

1.1.1 FEDERAL CONTRACTORS PROGRAM - OVER \$25,000 AND BELOW \$200,000

Suppliers who are subject to the Federal Contractors Program (FCP) and have been declared ineligible contractors by Human Resources and Skills Development Canada (HRSDC) are no longer eligible to receive federal government contracts over the threshold for solicitation of bids as set out in the *Government Contract Regulations*. Suppliers may be declared ineligible contractors either as a result of a finding of non-compliance by HRSDC, or following their voluntary withdrawal from the FCP for a reason other than the reduction of their workforce to less than 100

employees. Any bids from ineligible contractors, including a bid from a joint venture that has a member who is an ineligible contractor, will be declared non-responsive.

The Bidder, or, if the Bidder is a joint venture the member of the joint venture, certifies its status with the FCP, as follows:

The Bidder or the member of the joint venture

- (a) ☐ is not subject to the FCP, having a workforce of less than 100 permanent full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada;
- (b) ☐ is not subject to the FCP, being a regulated employer under the Employment Equity Act, S.C. 1995, c. 44;
- (c) ☐ is subject to the requirements of the FCP, having a workforce of 100 or more full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada, but has not previously obtained a certificate number from HRSDC, having not bid on requirements of \$200,000 or more;
- (d) ☐ has not been declared an ineligible contractor by HRSDC, and has a valid certificate number as follows: _____

Further information on the FCP is available on the following HRSDC Website:

<http://www.hrsdc.gc.ca/en/labour/equality/fcp/index.shtml>

1.2 CANADIAN CONTENT CERTIFICATION

SACC MANUAL CLAUSE

A3050T 2010/01/11 Canadian Content Definition

RULES OF ORIGIN - APPAREL

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

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

CANADIAN CONTENT CERTIFICATION

This procurement is limited to Canadian goods.

The Bidder certifies that:

- ☐ the goods offered are Canadian goods as defined in paragraph 1 of clause A3050T.

PLANT LOCATION

Items will be manufactured at: _____

1.3 SAMPLE(S) AND PRODUCTION CERTIFICATION

The Bidder certifies that:

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

PART 6 - RESULTING CONTRACT CLAUSES

1. SECURITY REQUIREMENT

There is no security requirement associated with the requirement.

2. STATEMENT OF REQUIREMENT

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

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 (<http://ccua-sacc.tpsgc-pwgsc.gc.ca/pub/acho-eng.jsp>) Manual issued by Public Works and Government Services Canada.

3.1 General Conditions

2010A (2011/05/16), General Conditions - Goods (Medium complexity) apply to and form part of the Contract.

4. TERM OF CONTRACT

4.1 Delivery Date of the Contract

Delivery Required (Desirable) - Firm Quantity

Delivery to commence no later than 90 calendar days after contract award and to finish no later than 270 calendar days after contract award.

Delivery - Firm Quantity - Phased

The first delivery must be made within ____ calendar days from the date of the written notice of approval of pre-production samples. The quantity delivered must be ____ pairs. The balance must be delivered at the rate of ____ pairs weekly after the first delivery until completion of the Contract.

Delivery - Option Quantity

The delivery of the option quantity must commence within ____ calendar days from receipt of the contract amendment and after final delivery of the contract quantity and the quantity must be ____ pairs. The balance must be shipped at a rate of ____ pairs weekly after the first delivery until completion of the option quantity.

4.1.1 Delivery - Appointments

The Contractor must make deliveries to Canadian Forces (CF) Supply Depots by appointment only. The Contractor or its carrier must arrange delivery appointments by contacting the Depot Traffic Section at the appropriate location shown below. The consignee may refuse shipments when prior arrangements have not been made.

- (a) 25 CF Supply Depot Montreal
Montreal, Qué.
514-252-2777, ext. 2363

4.1.2 Preparation for Delivery

The Contractor must prepare item numbers 1 and 2 for delivery in accordance with the latest issue of the Canadian Forces Packaging Specification D-LM-008-036/SF-000, DND Minimum Requirements for Manufacturer's Standard Pack.

4.1.3 Bulk Shipments

For bulk shipments, all cartons must be shipped on 40" x 48" pallets shrink-wrapped or equivalent with overall height not to exceed 42".

4.1.4 Shipping Instructions - Delivery at Destination

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

- (a) Delivered Duty Paid (DDP) Montreal Incoterms 2000 for shipments from commercial contractor.

4.2 SACC Manual Clauses

D5510C 2011/05/16 Quality Assurance Authority (DND) - Canadian-based Contractor
 D5540C 2010/08/16 ISO 9001:2008 - Quality Management Systems - Requirements (QAC Q)
 D5606C 2007/11/30 Release Documents (DND) - Canadian-based Contractor
 D6010C 2007/11/30 Palletization

5. AUTHORITIES**5.1 Contracting Authority**

The Contracting Authority for the Contract is:

William Sinka
 Public Works and Government Services Canada
 Acquisitions Branch
 Commercial and Consumer Products Directorate (CCPD)
 Clothing & Textiles Division
 Place du Portage, Phase III, 6A2
 11 Laurier Street
 Gatineau, Quebec K1A 0S5
 Telephone : 819-956-**3511** Facsimile: 819-956-5454
 E-mail address: William.sinka@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.

5.2 Technical Authority

The Technical Authority for this Contract is:

Mailing/Shipping Address

Department of National Defence
 101 Colonel By Drive
 Ottawa, Ontario
 K1A 0K2
 Attn: DSSPM _____ (to be advised at contract)

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.

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. PAYMENT**6.1 Basis of Payment - Firm Unit Price**

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid (a) firm unit price, as specified in Annex A. Customs duties are included and Goods and Services Tax or Harmonized Sales Tax is extra, if applicable.

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.

6.2 SACC Manual Clauses

H1001C 2008/05/12 Multiple Payments

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 (1) copy must be forwarded to the following address :

National Defence Headquarters
MGen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A 0K2
Attn: DLP _____

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

(c) The original and one (1) copy must be forwarded to the consignee for certification and payment.

7.1 Release Documents - Distribution

The Contractor must prepare the release documents in a current electronic format and distribute them as follows:

(a) **Copy 1:** mail to consignee marked: "Attention: Receipts Officer";

(b) **Copies 2 and 3:** with shipment (in a waterproof envelope) to the consignee;

(c) **Copy 4:** to the Contracting Authority;

(d) **Copy 5:** to:

National Defence Headquarters
Mgen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A 0K2
Attention: DLP _____

(e) **Copy 6:** to the Quality Assurance Representative;

(f) **Copy 7:** to the Contractor;

8. CERTIFICATIONS

Compliance with the certifications provided by the Contractor in its bid is a condition of the Contract and subject to verification by Canada during the term of the Contract. If the Contractor does not comply with any certification or it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

8.1 SACC Manual Clauses

A3060C 2008/05/12 Canadian Content Certification

9. APPLICABLE LAWS

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

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) 2010A (2011/05/16), General Conditions - Goods (Medium Complexity);
- c) Annex A, Statement of Requirement;
- d) Specifications;
- e) Drawings;
- f) Sealed Pattern / Sample;
- g) The Contractor's bid dated _____

11. DEFENCE CONTRACT

SACC Manual Clause A9006C (2008/05/12) Defence Contract

12. SACC MANUAL CLAUSES

B7010C 2008/05/12 Marking and Labelling

C2801C 2011/05/16 Priority Rating - Canadian-based Contractors

13. MATERIALS: CONTRACTOR TOTAL SUPPLY

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

14. PROCEDURES FOR DESIGN CHANGE/DEVIATIONS

The Contractor must follow these procedures for any proposed design change/deviation to contract specifications.

The Contractor must complete Part 1 of the Design Change/Deviation form DND 672 and forward 1 copy to the Technical Authority and one (1) copy 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.

15. PLANT CLOSING

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

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

16. PLANT LOCATION

Items will be manufactured at: _____

17. OVERSHIPMENT

Overshipment will not be accepted unless prior approval is obtained from the Contracting Authority.

18. PRE-PRODUCTION SAMPLES

1. The Contractor must provide one pre-production sample of each size of the item, accompanied by the sealed sample/pattern if applicable, to the Technical Authority for acceptance within 45 calendar days from date of contract award.

In addition, the following is required and must be submitted with the pre-production samples:

- Certificates of Compliance for the Cloth, Knitted Polyamide High Temperature Resistant Simplex Jersey (MIL-C-81393)
- Certificate of Compliance for the sewing Thread
- Certificate of Compliance for the Goatskin Leather (in accordance with Appendix 1 to Annex B) **with test results submitted for the Shrinkage Temperature and Water Vapour Diffusion.**

2. If the first samples are rejected, the Contractor must submit the second samples within 30 calendar days of notification of rejection from the Technical Authority.

3. The Contractor must carry out all required inspection and tests to verify conformance to the technical requirements of the Contract.

4. The Contractor must provide the samples, and a copy of the inspection and test reports and certificates of compliance, to the Technical Authority, transportation charges prepaid, and without charge to Canada. The samples submitted by the Contractor will remain the property of Canada.

5. The Technical Authority will notify the Contractor, in writing, of the conditional acceptance, acceptance or rejection of the samples. A copy of this notification is to be provided by the Technical Authority to the Contracting Authority. The notice of conditional acceptance or acceptance does not relieve the Contractor from complying with all requirements of the specifications and all other conditions of the Contract.

6. The Contractor must not commence or continue with production of the items and must not make any deliveries until the Contractor has received notification from the Technical Authority that the samples are acceptable. Any production of items before sample acceptance will be at the sole risk of the Contractor.

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

8. The samples may not be required if the Contractor is currently in production. The request for waiver of samples must be made by the Contractor in writing to the Technical Authority. The waiving of this requirement will be at the discretion of the Technical Authority and will be evidenced, for contract administration purposes only, through a contract amendment.

CERTIFICATE OF COMPLIANCE - DEFINITION

A certificate of compliance is defined for this Contract as a signed and dated certification by an appropriate official of the component manufacturer (e.g. zipper, hook and loop, webbing, etc.). It must specifically address the adherence of the offered component to the specification or manufacturing data of the technical requirement.

A separate certificate of compliance is required for each individual product or component. It must be current (must be within 6 months of the solicitation posting date); and must certify that the product for which the Certificate of Compliance was issued is the same product used in the pre-production samples and in the production units as applicable.

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

18.1 Sealed Pattern - Return to Sender

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

The sealed pattern is not to be mutilated or cut, but returned in the same condition as sent to the Contractor.

19. SPECIFICATIONS AND STANDARDS

19.1 United States Military Specifications and Standards

The Contractor is responsible for obtaining copies of all United States (US) military specifications and standards which may be applicable to the requirement. These specifications and standards are available commercially, or may be obtained by visiting the US Department of Defense Website, at the following address: <http://dodssp.daps.dla.mil/>.

19.2 Canadian General Standards Board (CGSB) - Standards

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

Canadian General Standards Board

Place du Portage III, 6B1

11 Laurier Street

Gatineau, Québec

Telephone: (819) 956-0425 or 1-800-665-CGSB (Canada only)

Fax: (819) 956-5740

E-mail: ncr.cgsb-ongc@pwgsc-tpsgc.gc.ca

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

20. FINANCIAL SECURITY

1. Canada may convert the security deposit to the use of Canada if any circumstance exists which would entitle Canada to terminate the Contract for default, but any such conversion will not constitute termination of the Contract.

2. Where Canada so converts the security deposit:

(a) the proceeds will be used by Canada to complete the Work according to the conditions of the Contract, to the nearest extent that it is feasible to do so and any balance left will be returned to the Contractor on completion of the warranty period; and

(b) if Canada enters into a Contract to have the Work completed, the Contractor will:

(i) be considered to have irrevocably abandoned the Work; and

(ii) remain liable for the excess cost of completing the Work if the amount of the security deposit is not sufficient for such purpose. "Excess cost" means any amount over and above the amount of the Contract Price remaining unpaid together with the amount of the security deposit.

3. If Canada does not convert the security deposit to the use of Canada before completion of the contract period, Canada will return the security deposit to the Contractor within a reasonable time after such date.

4. If Canada converts the security deposit for reasons other than bankruptcy, the financial security must be reestablished to the level of the amount stated above so that this amount is continued and available until completion of the contract period.

ANNEX A STATEMENT OF REQUIREMENT

1. TECHNICAL REQUIREMENT

The Contractor is required to provide the Department of National Defence with flame resistant combat gloves in as per Annex B DSSPM 2-13-87-9173 revised January 10, 2012.

SIZE ROLL ITEM 1

NSN	Size	Destination (pair)
		Montreal
8415-20-003-9174	XSMALL	200
8415-20-003-9175	XSMALL TALL	200
8415-20-003-9176	SMALL	600
8415-20-003-9177	SMALL LONG	500
8415-20-003-9178	MEDIUM	1,000
8415-20-003-9179	MEDIUM LONG	0
8415-20-003-9180	LARGE	0
8415-20-003-9181	LARGE LONG	0
Total		2,500

2. ADDRESSES

Destination Address	Invoicing Address
WB941 Department of National Defence 25 CFSD Montreal 6363 Notre Dame St. E. Montreal, Quebec H1N 1V9	W1941 Department of National Defence CFSD Montreal P.O. Box 4000 Stn K Montreal, Quebec H1N 3R9

3. OPTION QUANTITY - Identified as Item 2

Item	Estimated Quantity	Unit of Issue	Firm Unit Price, DDP Montreal, GST extra
2	Between 1,250 and 2,500	Pairs	\$ _____

The Contractor grants to Canada the irrevocable option to acquire the goods described above under the same terms and conditions and at the prices stated in the Contract. The option may only be exercised for a minimum of 50% up to a maximum of 100% distributed amongst the item sizes by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

The Contracting Authority may exercise the option within 12 months after contract award date by sending a written notice to the Contractor.

Only one amendment may be issued to exercise this option.

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

ANNEX B
W8486-121250

To Annex B
DSSPM 2-13-87-9173
Dated 23 Sept. 2011
Revised 10 Jan 2012

**SPECIFICATION FOR
GLOVES, FLAME RESISTANT, TAN, COMBAT**

NSN 8415-20-003-9173

OPI: DSSPM 2-13

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© Her majesty the Queen in Right of Canada as represented by the Minister of National Defence. 2011

Canada

SPECIFICATION FOR GLOVES, FLAME RESISTANT, COMBAT, TAN

NSN 8415-20-003-9173

1. SCOPE

1.1 Scope. This specification defines the technical requirements, including design, construction, materials and performance for the Flame Resistant (FR), Combat Glove, Tan.

1.2 Intended Use. The FR Tan Combat Glove will be used by the Land Force during operations in a desert environment, to provide inherent flame resistance and protection to the hands and wrists.

2. APPLICABLE DOCUMENTS

2.1 General. The following documents or portions thereof are referenced within this specification and shall be considered part of the requirement for the FR Tan Combat Gloves. Documents referenced within the documents cited herein shall not be applicable unless the extent is specifically delineated in this specification. The edition in effect on the date of the Request For Proposal is the applicable edition unless otherwise specified.

2.2 Government Documents. The following documents will be provided by the Government. Additional copies may be obtained from the Department of National Defence, Ottawa, Ontario, K1A 0K2. Attention: DSCO-4-7.

D-80-001-055/SF-001 Specification for Labels, Equipment and Clothing.

2.3 Publications. Documents listed below are not provided by the Government and may be purchased from the sources shown.

**Standardization Documents Order Desk,
Building 4D, 700 Robbins Avenue,
Philadelphia, Pennsylvania, 19111-5094
<http://assist.daps.dla.mil/quicksearch>**

MIL-C-81393 Cloth, Knitted, Polyamide, High Temperature Resistant Simplex Jersey

CGSB Sales Centre
Canadian General Standards Board
Ottawa, ON, Canada K1A 1G6
Phone: (819)- 956-0425 or 1-800-665-CGSB (Canada only)
Fax: (819)-956-5644
Internet address: ncr.cgsb-ongc@pwgsc.gc.ca

CAN/CGSB-4.2	Textile Test Methods - 26.3 – Resistance to Water Penetration
CAN/CGSB-54.1-M	Stitches and Seams – <u>Part 1</u> : Textiles: Stitch Types- Classification and Terminology; and Stitches and Seams – <u>Part 2</u> : Textiles: Seam Types – Classification and Terminology
CAN/CGSB-86.1	Care Labelling of Textiles

American Society for Testing and Materials (ASTM)
100 Barr Harbor Drive
West Conshohocken, PA
19428-2959
Phone: (610)-832-9585
Fax: (610)-832-9555

D 1813	Standard Test Method for Measuring Thickness of Leather Test Specimens
D 1814	Standard Test Method for Measuring Thickness of Leather Units
D 1815	Standard Test Method for Water Absorption (Static) of Leather
D 2212	Standard Test Method for Slit Tear Resistance of Leather
D 2807	Standard Test Method for Chromic Oxide in Leather (Perchloric Acid Oxidation)
D 2810	Standard Test Method for pH of Leather
D 4966	Standard Test Method for Abrasion Resistance of Textile Fabrics (Martindale Abrasion Tester Method)
D 5052	Standard Test Method for Permeability of Leather to Water Vapour

American Association of Textile Chemists and Colorists (AATCC)
P.O. Box 12215
Research Triangle Park, North Carolina, 27709
U.S.A

Test Method 116	Colourfastness to Crocking: Rotary Vertical Crockmeter Method
Test Method 118	Oil Repellency: Hydrocarbon Resistance Test

General Services Administration
General Services Administration Business Center
Chicago, Illinois, U.S.A

FED-STD-311	Leather Methods of Sampling and Testing - 7011.1 Shrinkage Temperature
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British Standards Organization
389 Chiswick High Road
London, United Kingdom
W4 4AL
Phone: 44 181 996 7000
Fax: 44 181 996 7001

BS 3144	British Standard Methods of Sampling and Physical Testing of Leather
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KES Kato Tech Co., Ltd.
26 Karato-cho Nishikujo Minami-ku
Kyoto 601 Japan
Phone: 075-681-5244
Fax: 075-681-5243

Kes Kato Tech Co. Ltd.	Manual for Pure Bending Tester KES-FB-2
------------------------	---

International Standard Association (ISO)
www.iso.org

ISO 811	Determination of Resistance to Water Penetration -Hydrostatic Pressure Test
---------	--

2.4 Figures. Figure 1 of this specification is provided as a guide to the style and design of the FR Tan Combat Gloves. Figure 2 is a guide for taking measurements.

2.5 Sealed Patterns. The following Sealed Pattern will be provided for guidance during production:

DSSPM 368-08

Gloves, Flame Resistant, Combat, Tan - Note the
Deviations on the back of sealed pattern tag.

2.6 Order of Precedence

2.6.1 In the event of conflict between the documents referenced herein and the contents of this specification, the contents of this specification shall be considered a superseding requirement.

2.6.2 In the event of inconsistency within the specification, the Design Authority shall be contacted for clarification.

2.6.3 In the event of inconsistency in contract documents such as contract, specification, and sealed patterns, the order of precedence shall be contract, specification, and sealed patterns.

2.6.4 Nothing in this document supersedes applicable laws and regulations, unless a specific exemption has been obtained.

3. **REQUIREMENTS**

3.1 Definition of Product. This specification pertains to Gloves, Flame Resistant, Combat, Tan, and its ancillary sizes. The glove has the following design features:

- a. Water resistant goatskin leather glove palm;
- b. Glove back and fourchettes constructed with Cloth, knit, high temperature resistant Simplex Jersey;
- c. Leather reinforcements on palm and thumb;
- d. Elastic tape tensioning at wrist;

3.2 Size Range. The Contractor shall supply the gloves in accordance with the size range as designated in Table 1 below, and as identified in the contract. The finished gloves shall meet the dimensions in Table 3, dimensions taken as per Figure 2.

Table 1 – FR Tan Combat Glove Sizes with Corresponding NSN

Size	Short Form Eng/Fr	NATO Stock Number (NSN)
Generic	N/A	8415-20-003-9173 A/A
X-Small	XSM / TP	8415-20-003-9174
X-Small Long	XSM-L / TP-L	8415-20-003-9175
Small	SM / P	8415-20-003-9176
Small Long	SM-L / P-L	8415-20-003-9177
Medium	M / M	8415-20-003-9178
Medium Long	M-L / M-L	8415-20-003-9179
Large	LG / G	8415-20-003-9180

Large Long	LG-L / G-L	8415-20-003-9181
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3.3 Pattern Drawings. Pattern drawings will be provided by the Government and are available from DSSPM 2-5.

CGARID33

Gloves, FR, Combat, Tan

Note: The pattern pieces of the fourchettes may be linked together to form a continuous piece with darts at the digit bases (as in Sealed Pattern DSSPM 368-08) or they may be separate pieces as in the paper pattern. The original design of the glove must remain intact.

3.3.1 Make-up Allowance. Paper patterns include seam allowances but do not include make-up allowances. The contractor shall be responsible for any changes that may be required for make-up allowances to suit production methods, but neither the design nor the requirements as specified herein, shall be changed.

3.4 Dies and Blocking Forms. The dies used for cutting the components shall be supplied by the contractor and shall be in strict accordance with the paper patterns provided. The blocking forms shall be provided by the contractor.

3.5 Materials

3.5.1 Goatskin Leather. The glove palm and the palm reinforcement shall be made from drum dyed, aniline, 0.70 mm thick goatskin leather that is water resistant, breathable, stain and oil resistant with dry soft ability. The leather shall meet the requirements in Appendix I.

3.5.1.1 Colour. The goatskin leather shall be dyed a close visual match to the Desert Tan or Beige colour of the Cloth Knitted, High Temperature Resistant Simplex Jersey. Note: Goatskin leather F481 from Pittards PLC has been known to meet the requirements. The Canadian distributor for Pittards PLC is Lennox Charron International Inc, 12 St. George's Place, Westmount, Quebec H3Y 2L3, Tel: (514) 345-1341; Fax: (514) 345-1973; and E-Mail: leather@lennoxcharron.com. Goatskin leather from another tanner may be acceptable if approved by the Design Authority.

3.5.2 Glove Back and Fourchette Material. The glove back and the finger fourchettes shall be made from Cloth, Knitted, Polyamide High Temperature Resistant, Simplex, Jersey, in accordance with MIL-C-81393.

3.5.2.1 . Colour. The colour of the fabric glove hand back and fourchettes shall be a readily available Desert Tan or Beige. The colour is subject to approval by the Design Authority.

Note that Product 65337.03 Desert Tan (solution dyed military colour) from SSM Industries Inc.,

Spring City, TN, Phone 423-365-7181 has been known to meet the requirement for glove back and fourchette material. Other commercial equivalent fabric may be acceptable if approved by the Design Authority.

3.5.3 Thread. The thread for all sewing operations shall be 27 Tex tow spun, high temperature resistant 100% aramid with a minimum breaking strength of 10 N. The colour shall be a good visual match to the leather.

3.5.4 Elastic Tape. The interior wrist-tensioning band shall be one piece of elastic tape with braided construction, in accordance with Table 2.

Table 2 Elastic Tape

Properties	Requirements
Weight	171 +/- 7%
Width	9.4 +/- 1mm
Cover Yarn	2 ply 24 to 20 cotton count, Cotton
Core	12 ends #42 or 10 ends #40 rubber, white
Picks/cm	31 +/- 10%
Stretch	155 % +/- 10%
Colour	Natural

Note: Cansew Inc, 111 Chabanel West, Suite 101, Montreal, Quebec, H2N 1C9 phone (514) 382-2801, fax (514) 385-5530 has been known to meet these requirements. Other commercial equivalents may be acceptable subject to Design Authority approval.

3.5.5 Labels and Markings

3.5.5.1 Identification Label. There shall be an identification label in each glove and the label shall meet the specification according to D-80-001-055/SF-001 Type I, with the exception of having no minimum weight. The label is subject to approval from the Design Authority.

3.5.5.1.1 Base Fabric. The Base fabric shall be a single-face satin weave composed of polyester or nylon, with woven selvages, non-coated. The colour shall be white.

3.5.5.1.2 Label Size. The width of the label shall be 38mm maximum. The label may be looped with markings on face and flip side.

3.5.5.1.3 Label Markings. The label shall contain the following information:

- FR Combat Glove / Gants de Combat RF
- Specific NATO Stock Number (NSN),
- Specific size (EN / FR)

- d. Contract number
- e. I.D. line to allow space for personal identification
- f. Care instructions in accordance with CAN/CGSB-86.1 as follows:
 - 1. Washing Symbol 16
 - 2. Bleaching Symbol 3
 - 3. Drying Symbol 10
 - 4. Ironing Symbol 5

3.5.5.2 Label - Flame Resistant. There shall be one FR label in each glove. The label shall be damask woven, cut and looped style, base colour in black with white script. The script shall be English (FLAME RESISTANT) on one side and French (RÉSISTANCE À LA FLAMME) on the other. The finished size shall be approximately 4 cm long x 1.5 cm wide, with the markings running along the length of the label. This label shall be inserted into the hem, beside the identification label. Refer to Photograph 1. The label is subject to approval from the Design Authority.

3.6 Hang Tags. No brand or product names shall be permanently attached to the gloves in any way. Hang tags that are easily removable without damage to the product, with brand or product names/information/care instructions may be acceptable at no cost to the Crown, provided that approval for text and use has been granted by the Design Authority.

3.7 Usage Instruction Tag. A high quality paper instruction sheet shall be supplied with each pair of FR Tan Combat Gloves with the following information in both English and French:

Design

The Flame Resistant (FR) Tan Combat Glove will protect the hands from severe burns for a few seconds when exposed to flash fire.

- The palm of the glove is tough, abrasion resistant goatskin leather engineered to be waterproof/breathable and stain and oil resistant. The second leather layer in the palm provides added protection from hot surfaces and abrasion. Leather is self-extinguishing and does not support a flame.
- The back of the glove is knit from Nomex® fibres which are inherently flame resistant. The FR property will not wear off with time or abrasion and it cannot be washed out during cleaning.
- Permanent flame resistant thread is used to sew the entire glove.
- Available in 8 sizes to ensure a good fit.

Care Instructions

Hand wash with mild detergent and hang to dry to keep the leather soft.

Conception

Le gant de combat ignifugé, couleur havane (tan) protégera adéquatement les mains contre des brûlures graves, en cas d'exposition à un embrasement éclair de quelques secondes.

- Sa paume deux épaisseurs – faite de peau de chèvre – résiste bien aux abrasifs, à l'humidité, aux taches et à l'huile, sans pour autant empêcher la main de « respirer » comme il se doit. Sa doublure (2e épaisseur) la rend encore plus résistante aux surfaces chaudes et à l'abrasion. Le cuir auto-extinguible du gant n'entretient pas la combustion..
- Le dos du gant est fait d'un tricot de fibres Nomex ® offrant une résistance inhérente au feu. Les propriétés ignifuges du gant ne se dégraderont pas au fil du temps, ni par abrasion, ni au lavage. La tricot du gant favorise un ajustement à la fois serré et confortable.
- Toutes les coutures du gant sont faites de fil Nomex®.
- Disponible en huit grandeurs, pour répondre aux besoins de chacun.

Directives d'entretien

Lavage à la main à l'aide d'un détergent doux, et séchage sur la corde pour conserver la souplesse naturelle du cuir.

3.8 Cutting

3.8.1 Preparation of Leather. The palm and palm reinforcement pieces shall be die cut from leather that has been fully and properly stretched length and width-wise. A skilled leather cutter shall perform appropriate leather preparation prior to cutting to avoid undue lengthening of the leather, and to ensure sufficient stretch across the palm.

3.8.2 Cloth. The knit cloth shall be cut with the wales running the length of the glove, as indicated on the paper pattern.

3.9 Sewing

3.9.1 Seam and stitch types shall be in accordance with CAN/CGSB-54.1-M.

3.9.2 Needle. The needle shall be the minimum size compatible with the sewing thread and the type of point shall be compatible with the materials used in the glove.

3.9.3 Tension. Thread tension shall be adjusted to ensure balanced and correctly formed stitches. Skips, puckers or stitching malfunctions are not acceptable.

3.9.4 Back stitching. The beginning and ends of all stitched seams and any breaks in stitching, shall be securely and neatly backstitched with 3 to 4 stitches when there is no other method used to secure the end of the seam.

3.9.5 Seams. Seams formed shall be smooth and regular with even seam allowances. Stitching

shall be accurately and evenly placed from seam edges as specified.

3.9.6 Thread Ends. Thread ends shall be trimmed and removed.

3.9.7 Stitch Length. The stitch length shall be as specified below:

- a) Stitch Type 301 (lock stitch) and Type 401 (two- thread chain stitching) 11 to 14 stitches per 2.5 cm
- b) Stitch Type 321 (three step zig zag) 15 to 20 stitches per 2.5 cm when sewn under tension.

3.10 Glove Construction

3.10.1 Fourchettes. The fourchettes shall be lock-chain- stitched at the base of each digit using Seam Type 1.01.01. (inseam). The fourchettes shall be lockstitched to the fingers of the back of the glove using Seam Type 1.01.01 (inseam).

3.10.2 Lower Thumb. The leather Lower Thumb piece shall be lock-stitched to the leather palm using Seam Type 1.01.01 (inseam).

3.10.3 Palm Reinforcement. The palm and thumb reinforcements shall be lock-stitched to the palm and Lower Thumb with a double row of lock-stitching set 1.5 - 2 mm apart using seam type 1.02.01. The first row of stitching shall be 1.5 - 2 mm from the edge.

3.10.4 Upper Thumb. The Upper Thumb piece shall be lock-stitched to the Lower Thumb/Palm piece using Seam Type 1.01.01. (inseam).

3.10.5 Wrist Elasticizing. The elastic tape shall be positioned on the inside of the glove at the wrist location and shall span the circumference of the wrist. The elastic shall be sewn under tension using a zig-zag stitch Type 321 and Seam Type 5.04. The length of the elastic shall be according to the contractor's expertise and subject to approval from the Design Authority. The optimal elastic length shall be determined for each size.

3.10.6 Closing. The remaining finger seams and the closing seams shall be lock stitched using seam type 1.01.01 (inseam).

3.10.7 Hem. The bottom edge of the glove shall be turned under to form a hem 7-9 mm wide. The identification label shall be positioned inside the fold of the hem at the notches. The Flame Resistant Label shall be inserted next to it. The hem shall be topstitched 5-6 mm from the raw edge, Seam Type 6.02.01. Refer to Photograph 1.

3.11 Finishing and Pairing - The gloves shall be turned and properly worked out at the

fingertips. The gloves shall be blocked and pressed on commercial glove forms. The gloves shall be matched according to colour and dimensions, and inserted into a polyethylene bag.

3.12 Hanging Loops. A loop shall be sewn into the inside of each glove, inserted into the hem , positioned 1 cm from the outer palm side seam along the leather gauntlet section of the glove. The loop shall measure 1 cm wide x 7 cm long folded in half to 3 ½ cm. The folded loop shall be inserted into the hem and reinforced with 3 rows of stitching along the hem seam. The loop shall be constructed from goatskin leather (see para 3.5.1).

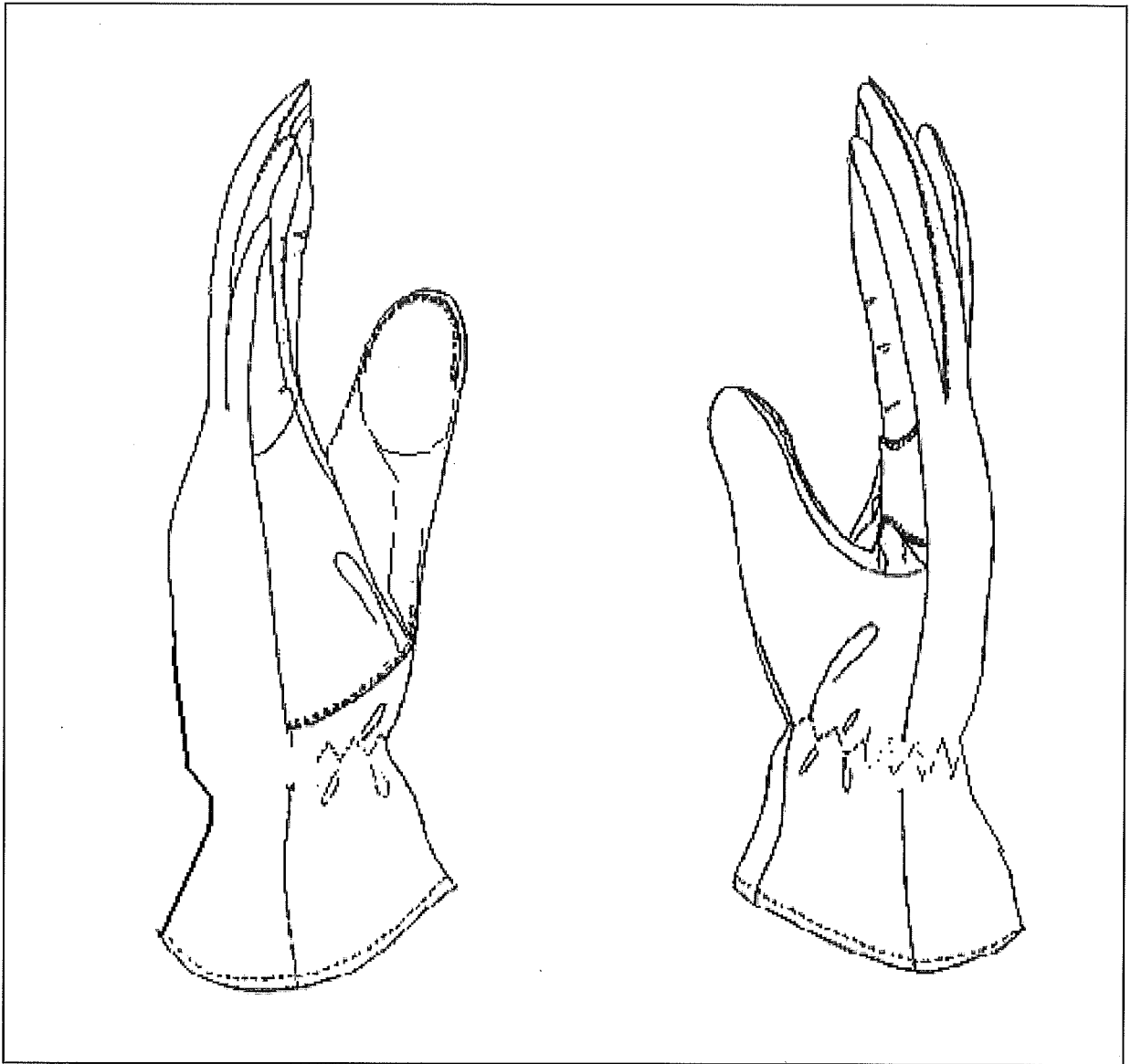


Figure 1. Flame Resistant Tan Combat Glove

4. QUALITY CONTROL/INSPECTION

4.1 Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspection requirements as specified herein. Contractors may utilize their own or any other inspection facility acceptable to the Government or its designated representative. The Government reserves the right to perform any of the inspections specified herein, where such inspections are deemed necessary to ensure materiel and services conform to prescribed requirements. The Contractor is responsible for ensuring that all materiel or services submitted to the Government for acceptance comply with all requirements of the contract.

5. PACKAGING

5.1 Packaging and Packing. Unless otherwise specified, packaging and packing as well as delivery shall be in accordance with the terms of the contract.

6. NOTES

6.1 Definition of Terms.

6.1.1 Design Authority. The Design Authority is the Government agency responsible for the technical aspects of the design and changes to design. The Design Authority for this requirement is the Directorate of Soldier Systems Program Management (DSSPM), Department of National Defence.

6.1.2 Sealed Pattern. The Sealed Pattern is a duplicate of the Master Sealed Pattern that is the Department of National Defence's authorized prototype of the item to be produced. Sealed Patterns are available for the Contractor's use as a guide to production. Contractors should note that Sealed Patterns may not incorporate all the details cited in this specification and that the order of precedence prevails.

6.1.3 Quality Assurance Authority (QAA). The QAA is the Government agency responsible for providing assurance that material and services supplied by the contractor conform to specified requirements. The QAA will be specified in the procurement documents/contract.

6.2 Safety, Health and Environmental Concerns - The production of a product to this specification, or the evaluation of a product to this specification, may require the use of materials and/or equipment that could be hazardous. This specification does not purport to address all safety, health and environmental concerns, if any associated with its use. It is the responsibility of the user of this specification to establish appropriate safety, health and environmental practices and to determine the applicability of regulatory limitations prior to use.

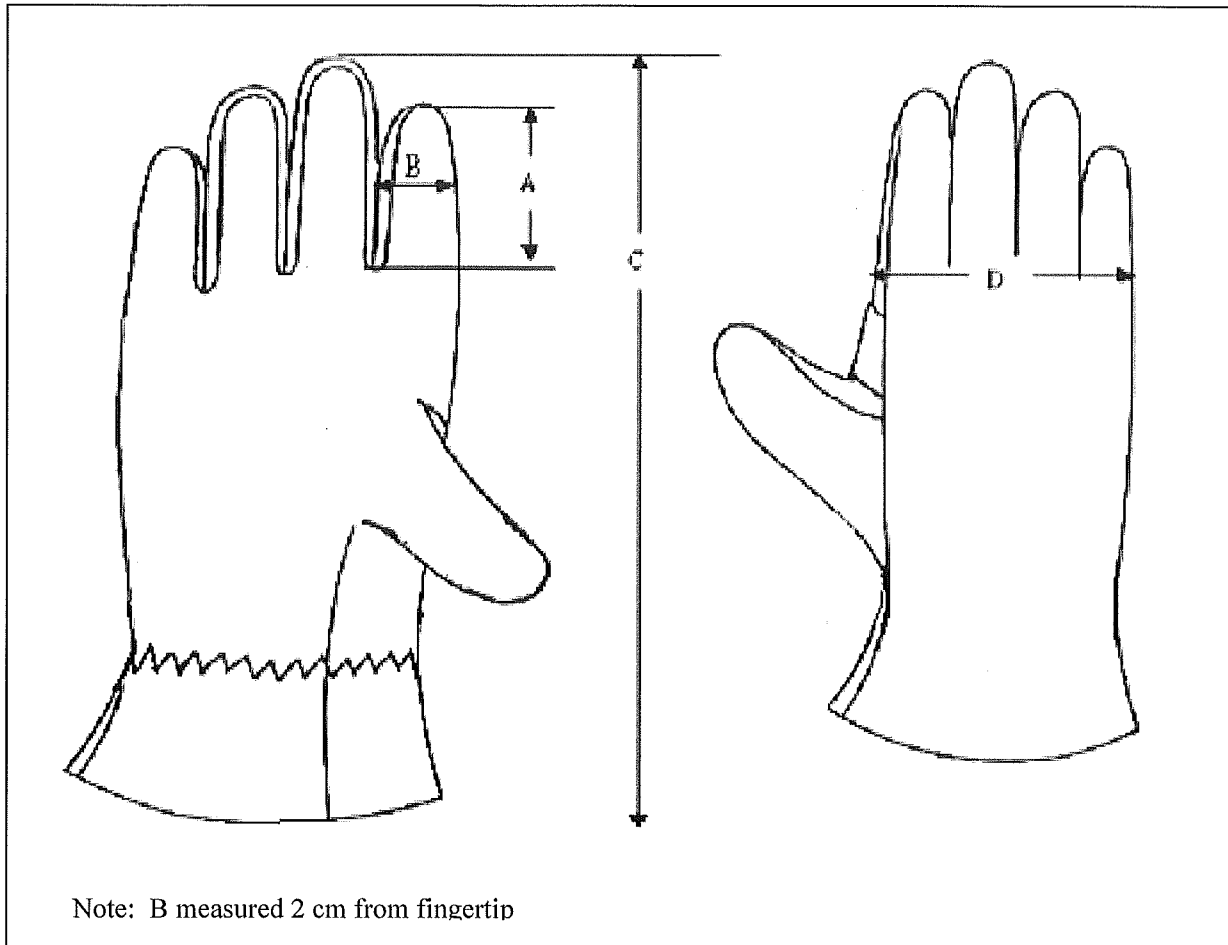


Figure 2. Guide for Taking Dimensions, FR Tan Combat Glove

Table 3- Scale of Measurement for Flame Resistant Tan Combat Glove
(All dimensions are in mm)

Ref	Description	XSmall	XSmall Long	Small	Small Long	Medium	Medium Long	Large	Large Long	Tol
A	Length of 1 st Finger	61	68	65	73	70	78	76	83	3
B	Width of 1 st Finger	30	30	32	32	34	34	36	36	2
C	Glove Length	235	247	244	259	257	270	271	279	4
D	Palm Width	96	96	103	103	110	110	117	117	3



Photograph 1. Location of Labels

