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W8486-173572

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National Défense  
Defence nationale

## Annex A

### STATEMENT OF REQUIREMENT



### COVERS, COMBAT HELMET FOR THE CANADIAN ARMED FORCES

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## 1. SCOPE

1.1 PURPOSE. This Statement of Requirement (SOR) defines the work to be performed by the Contractor to provide the Canadian Armed Forces with specified operational covers for the combat helmet systems described within. Deliverable items must satisfy the technical requirements specified in the Technical Purchase Description at Annex B.

1.2 BACKGROUND. Technical documentation is relevant to three helmet systems in service: (1) the original CG634 for the Canadian Forces; (2) the product improved CM735, and (3) the CVC modular helmet system for Land Force combat vehicle crews. The ballistic shell covers for all three systems are based on the CG634 surface geometry and can be applied to various environmental finishes and sizes.

### 1.3 TERMINOLOGY.

1.3.1 DSSPM. This acronym is used as the abbreviation for the Directorate Soldier Systems Program Management. The Government Technical Authority, as defined in the TPD, is found in this directorate.

1.3.2 TPD. This acronym is used as the abbreviation for the Technical Purchase Description and represents the complete set of technical specifications and quality assurance requirements that must be met during qualification and production of the helmet covers. Refer to Annex B.

1.3.3 CG634. This acronym is used as the abbreviation for the Canadian version of the modified Gallet helmet that was initially introduced in 1999. The internal surface geometry of this shell is retained in the subsequent helmet variants for purposes of interoperability and compatibility.



1.3.4 CVCMH. This acronym is used as the abbreviation for Combat Vehicle Crew Modular Helmet.



1.3.5 CCP. This acronym is used as the abbreviation for the Conventional Coverage Profile that specifies the CVCMH ballistic shell which is water-jet trimmed to remove the ears. This shape was used in the original development work and adopted as the standard CVC shape over the impact helmet.

1.3.6 ECP. This acronym is used as the abbreviation for the Extended Coverage Profile that specifies a full ballistic coverage area for the CVCMH. This shell is water-jet trimmed and maximizes ballistic coverage to the extent practical while accommodating integration with the impact helmet and faceguard.



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1.3.7 CM735. This acronym is used as the abbreviation and model number for the Morgan version of the Canadian helmet that was introduced in 2016. This product improved model (lighter weight and increased protection) retains the internal surface geometry of the original shell (all sizes) and includes the removal of the frontal lip.



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1.3.8 CADPAT. This acronym is used as the abbreviation for Canadian Disruptive Pattern. The three distinct patterns that are currently in service are temperate woodland, arid regions, and winter operations.

1.3.9 GSM. This acronym is used as the abbreviation for Government Supplied Materials. It applies only to multi-cam material lots.

**2. DOCUMENTS** The following documentation is relevant to the performance of the work called up in this SOR:

- a. 2184D-18470-100, Technical Purchase Description for Covers, Combat Helmet for the Canadian Armed Forces Directorate of Soldier Systems Program Management December 2016
- b. D-02-002-001/SG-001, Identification Marking of Canadian Military Property
- c. D-LM-008-036/SF-000, Manufacturer's Standard Pack
- d. D-LM-008-002/SF-001, Specification for Marking for Storage and Shipment

Copies of the above document(s) will be distributed automatically by the Department of National Defence

### **3. REQUIREMENTS**

3.1 SCOPE OF WORK. DND requires the production of Helmet Covers and the subsequent delivery in the appropriate types, sizes and quantities to the locations identified in the contract or option.

#### **3.2 TASKS**

##### **3.2.1 PRE-PRODUCTION**

###### **3.2.1.1 HELMET COVER SAMPLES**

3.2.1.1.1 The Contractor must provide twelve (12) First Article Lot sample helmet covers in each of the sizes in the Temperate Woodland pattern and two (2) each in size Medium of Arid Region, Winter Operations and UN Blue, as detailed in the call-up,

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manufactured in accordance with the Technical Purchase Description (TPD) at Annex B.

3.2.1.1.2 The samples provided must be completely representative of the final product, being made from the same parts and materials and by the same tools and processes that will be used in quantity production.

3.2.1.2 CERTIFICATES OF COMPLIANCE. The Contractor must provide certificates of compliance (C of C) and specified material test records as identified in Table 1.

Table 1 – Inspection Requirements

2184D-18415-18 TPD (Annex B)			
Section	INSPECTION & TEST REQUIREMENTS	First Article Lot Approval (Note 1 and 2)	Production Lot Approval (Note 2)
3.1	Helmet Interface Verification	100%	QA Sampling Plan
3.2	Cover Construction	100%	QA Sampling Plan
3.3	Cover Labels and Markings	100%	QA Sampling Plan
3.4	Material Lot Properties (Note 3)	Fabric Test Records each material type	Fabric Test Summary each material lot
3.5	CADPAT Finishes (where applicable)	Color/reflectance Data (EXCEL Spreadsheet)	Color/reflectance Data (EXCEL Spreadsheet)

**Notes:** 1. Technical details are specified in the TPD. A separate First Article lot is required for each different shell fabric.  
2. First Article lot size must be 12 covers in each size of TW pattern and 2 medium size each of Arid Region, Winter Operations and UN Blue  
3. TPD section 3.4 and 3.5 do not apply when MultiCam materials are provided as GSM.

3.2.1.3 USER INSTRUCTIONS.

3.2.1.3.1 The Contractor must supply a proof user instruction 30 days prior to first article submission.

3.2.1.3.2 To assist the contractor in drafting the User Instruction a DND sample document will be supplied to the Contractor by the Technical Authority. It is anticipated that the sample document will only require minor descriptive and illustrative revisions, such as standing offer number, new NATO Stock Numbers, and content updates.

3.2.1.3.3 The Contractor must provide the manual in hard copy and electronic format.

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3.2.1.4 QUALITY CONTROL PLAN. The Contractor must provide a Quality Control Plan, in hard copy format, which, as a minimum, details the following elements specific to the delivery of the requirements of the call-up:

- a. The Bidders quality control structure and responsibilities to include physical product inspection;
- b. Raw material verification and release approval process;
- c. Material lot traceability in production process;
- d. Document and data control including retention period for test reports;
- e. Corrective action process.

3.2.2 PRODUCTION.

3.2.2.1 HELMET COVERS.

3.2.2.1.1 Full production must not commence until the Technical Authority provides written acceptance of the First Article Lot test results.

3.2.2.1.2 The Contractor must manufacture and deliver helmet covers in accordance with the Technical Purchase Description (TPD) at Annex B. (Note: Although the TPD includes all cover types, operational finishes and sizes, production is to be limited to the types, quantities and sizes specified in the call-up).

3.2.2.1.3 The Contractor must package the helmet covers in accordance with Annex A, Appendix 1.

3.2.2.2 USER INSTRUCTION.

3.2.2.2.1 The Contractor must produce bilingual User Instructions.

3.2.2.2.2 The Contractor must provide User Instructions only with every Temperate Woodland helmet cover by inserting a hard copy in each polyethylene bag during packaging of the helmet covers.

3.2.2.3 PACKAGING. The contractor must package the helmet covers in accordance with Annex A, Appendix 1.

3.3 CONSTRAINTS.

3.4 PRE-PRODUCTION.

3.4.1 INSPECTION. DND will inspect the first article samples in accordance with Tables 1 and 2. The presence of any defect or failure to pass any test will be cause for rejection of the first article.

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Table 2 – End Item Examination

Visual Examination	Defect
Finished components	Incorrect dimensions, construction, or barrel nut-slot location. Any unfinished edges or non-conforming seams or stitches. Any incorrect pattern orientation. Any material defects including cuts, tears, needle chews, holes or abrasion marks. Any incorrect colour or markings.
Tabs	Any superficial dent, depression or roughness. Any sharp or rough edges. Incorrect colour.
User Instructions	Any missing instructions. Any tears, holes, cuts, or other defects in page material. Any ink, format or alignment defects in printed material.
Workmanship	Any malformed or incorrectly assembled components. Any wrongly-sized or missing components. Any incorrect labelling. Any oily, waxy, greasy, or dirty components.

3.4.2 TASK MANAGEMENT. Once a first article sample is approved, the Contractor must manage all the work under the call-up through a single Point of Contact (POC).

3.5 PRODUCTION.

3.5.1 MATERIAL CERTIFICATION.

3.5.1.1 The contractor must provide certification that the materials have been inspected in accordance with all the requirements of the referenced material specifications in Annex B.

3.5.1.2 Each CADPAT material lot used during production must be pre-approved for release by the Technical Authority prior to cutting and assembly of pieces.

3.5.1.3 Independent test lab reports, including colour, IRR, and UV data must be submitted at least one week prior to required approval date.

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3.5.2 **SUPPLIER CHANGES.** Upon supplier changes, the Contractor must:

3.5.2.1 Submit the documentation identified in Table 1.

3.5.2.2 Submit the physical samples for evaluation as detailed in Table 1.

4. **DELIVERABLES**

4.1 The Contractor must deliver the items detailed in Table 3 below.

Table 3 –Firm Quantities and “As and When “ Deliverables

<i><b>END ITEMS LIST (EIL)</b></i>	
<b>1. FIRST ARTICLE</b>	
a. First Article Certificates of Compliance and Test Reports	In accordance with Table 1 ( <b>Note 1 below</b> )
b. Proof User Instruction	In accordance with Section 3.2.1.3 ( <b>Note 1 &amp; 2 below</b> )
c. Sample Helmet Covers	Quantity 12, for each size and pattern as per Call-up ( <b>Note 2 below</b> )
d. Quality Assurance Plan	In accordance with Section 3.2.1.4 ( <b>Notes 1 &amp; 2</b> )
<b>2. PRODUCTION</b>	
a. Helmet Covers with User Instructions	As per call-up

Notes:

1. For review by TA with submission of first article.
2. Delivery to DND Technical Authority

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**ANNEX B**

**TECHNICAL PURCHASE DESCRIPTION**



**COVERS, COMBAT HELMET  
FOR THE CANADIAN ARMED FORCES**

**TECHNICAL PURCHASE DESCRIPTION**

**FOR COVERS, COMBAT HELMET**



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## **1.0 INTRODUCTION**

**1.1 Scope.** This document details the design, technical, and inspection requirements for operational covers for the primary combat helmet systems. The covers provide protection to the ballistic shell outer finish and camouflage or colour compatibility with other mission assigned combat clothing and accessories.

**1.2 Intended Use.** The covers described within are limited to helmet systems that are based on the original in-service CG634 helmet geometry and are inclusive of designs for the product improved combat helmet and both combat vehicle crew ballistic shell profiles.

## **2.0 APPLICABLE DOCUMENTS**

**2.1 General.** The documents listed in this section are specified in Section 3 and 4 of this purchase description. While every effort has been made to ensure the completeness of this list, document users are cautioned that they must meet all specified requirements cited in this purchase description and the associated Government documents, whether or not they are listed below.

**2.2 Government Documents.** The following specifications and standards form part of this purchase description to the extent specified herein. The issue or amendment of documents effective for a specific solicitation must be that in effect on the date of the applicable design data list (DDL), released with standing offer award.

## **SPECIFICATIONS**

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

A-A-55126 Hook and Loop Tape

**2.3 Other Government documents and drawings.** The following other Government documents will be distributed automatically by DND.

## **PUBLICATIONS**

DSSPM 2-2-80-023 Cloth, Twist, Nylon/Cotton, Camouflage Printed 170 g/m<sup>2</sup>

DSSPM 2-2-80-030 Cloth, Taffeta, Dull Polyester Fibre 121 g/m<sup>2</sup>

DSSPM 2-2-80-217 Cloth, Plain Weave, Flame Resistant, Aramid 185 g/m<sup>2</sup>

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## PATTERN DRAWINGS

Style Code CHCV14	Cover, CG634/CM735 Helmet, 3 Standard Sizes
Style Code HCOVCCP	Cover, Conventional Coverage Profile, CVC helmets
Style Code HECPCOV	Cover, Extended Coverage Profile, CVC helmets
Style Code CHCVCXL	Cover, CG634 Helmet, Extra-Large

## ENGINEERING DRAWINGS

9675155	Assembly, Scrim Net
9675156	Scrim Net Cut Lines
9675157	Tab Front, Scrim Net
9675158	Tab Sides, Scrim Net
9675186	Tab Sides, CG634/CM735 Cover
9675187	Tab Front, CG634/CM735 Small and Medium Covers
9675196	Tab Front, CG634/CM735 Large and Extra-Large Covers
9675162	Flat Elastic, Neck Screen Pocket CG634/CM735 Cover

**2.4 Other Specifications and Standards.** The documents listed in Section 2.4 form a part of this purchase description to the extent specified herein. The effective dates must be those in effect on the date of the applicable design data list, released with the RFP. They are not provided by the Government and may be purchased from the sources shown below.

## ANSI PUBLICATIONS

ANSI/ASQC Z1.4 Sampling Tables

## American Society for Testing and Materials (ASTM)

D123 Standard Terminology Relating to Textiles

## Canadian General Standards Board

CGSB 4.2-CAN/CGSB	Textile Test Methods
CGSB 4.131-93.6	Thread Cotton Covered Polyester
CGSB 54.1-M90	Stitches and Seams Part 1 (ISO 4915-1981)
CGSB 54.1-M90	Stitches and Seams Part 2 (ISO 4916-1982)

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## ISO Standards.

ISO 9001 Model for Quality Assurance in Design/Development, Production, Installation and Servicing

**2.5 Component Sealed Patterns.** The complete list of primary sealed patterns for all operational cover types are listed below. Only the patterns for items specified in the Statement of Work are released for each solicitation.

DSSPM 129-10-R Cover CVCMH, Type CCP, Regular size - sealed for construction guidance only.

DSSPM 129-10-L Cover CVCMH, Type CCP, Large size – sealed for construction guidance only.

DSSPM 130-10-R Cover CVCMH, Type ECP, Regular size – sealed for construction guidance only.

DSSPM 130-10-L Cover CVCMH, Type ECP, Large size – sealed for construction guidance only.

DSSPM 124-16 Cover CG634/CM735, Small size – sealed for construction guidance only.

DSSPM 125-16 Cover CG634/CM735, Medium size – sealed for construction guidance only.

DSSPM 126-16 Cover CG634/CM735, Large size – sealed for construction guidance only.

DSSPM 123-00 Scrim Net – sealed for construction and colour.

**2.6 Textile Sealed Patterns.** Sealed patterns are made available as a guide to bidders and the Contractor(s) for construction, pattern, motif size, colour distribution and guidance to print quality. Additional details are specified in the respective textile publications listed at section 2.3:

DSSPM 259-01 Canadian Disruptive Pattern (CADPAT™) Temperate Woodland.

DSSPM 253-02 Canadian Disruptive Pattern (CADPAT™) Arid Regions.

DSSPM 268-15 Canadian Disruptive Pattern (CADPAT™) Winter Operations.

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DSSPM 252-04	United Nations Blue (Colour Only)
DSSPM 281-01	Canadian Average Green (Colour Only)
DSSPM 263-02	Light Sand (Colour Only)
DSSPM 291-85	Black (Colour Only)

**2.7 Order of precedence.** In the event of a conflict between the text of this purchase description and the references cited herein, the text of this purchase description must take precedence.

### **3.0 REQUIREMENTS**

**3.1 System Requirements.** The helmet covers described within apply to combat helmet systems that share the same internal surface geometry as the CG634. This relates to three helmet systems in service: (1) the CG634; (2) the product improved CM 735 helmet, and (3) the CVC modular helmet system for Land Force combat vehicle crews. The helmet covers must satisfy the following mandatory categories:

- defined form-fit characteristics;
- identified textile material requirements; and
- specified camouflage/colour features.

**3.1.1 Interchangeability.** The helmet covers must fit their respective ballistic shell components, by size and type, and remain securely attached to these components.

### **3.2 Construction Requirements.**

**3.2.1 Drawings.** The dimensional and construction requirements are governed by the pattern drawings and engineering drawings detailed in Table 3.1 below and sealed patterns specified in section 2.5.

**3.2.2 Cutting.** Textile items must be cut using duplicates of the Government supplied paper patterns. Patterns allow for seam allowance.

**3.2.2.1** The pattern pieces must be cut in the direction of the warp as indicated on the paper patterns within a tolerance of  $\pm 2$  degrees.

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3.2.2.2 The pattern pieces must be cut from the same production lot of finished material.

3.2.3 Tabs. Dimensional cuts for front and side tabs for combat helmet covers and scrim nets must be governed by engineering drawings specified in section 2.3.

3.2.4 Elastic Cord. The elastic cords for scrim nets must be hot-cut or fused to prevent fraying. The length of the cord must be 580mm vice 508mm shown on drawing 9675155 Item 4.

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**Table 3.1 – Cover Types, Sizes, and Control Drawings**

Description	NSN	Size	Drawing
Helmet Cover CVC Type-CCP, CADPAT(TW)	8415-20-005-7340	Regular	HCOVCCP
Helmet Cover CVC Type-CCP, CADPAT(TW)	8415-20-005-7978	Large	HCOVCCP
Helmet Cover CVC Type-CCP, CADPAT(AR)	8415-20-005-7976	Regular	HCOVCCP
Helmet Cover CVC Type-CCP, CADPAT(AR)	8415-20-005-7350	Large	HCOVCCP
Helmet Cover CVC Type-CCP, CADPAT(WO)	8415-20-005-7343	Regular	HCOVCCP
Helmet Cover CVC Type-CCP, CADPAT(WO)	8415-20-005-7352	Large	HCOVCCP
Helmet Cover CVC Type-CCP, UN Blue	8415-20-005-7345	Regular	HCOVCCP
Helmet Cover CVC Type-CCP, UN Blue	8415-20-005-7354	Large	HCOVCCP
Helmet Cover CVC Type-ECP, CADPAT(TW)	8415-20-005-7341	Regular	HECPCOV14
Helmet Cover CVC Type-ECP, CADPAT(TW)	8415-20-005-7349	Large	HECPCOV14
Helmet Cover CVC Type-ECP, CADPAT(AR)	8415-20-005-7342	Regular	HECPCOV14
Helmet Cover CVC Type-ECP, CADPAT(AR)	8415-20-005-7351	Large	HECPCOV14
Helmet Cover CVC Type-ECP, CADPAT(WO)	8415-20-005-7344	Regular	HECPCOV14
Helmet Cover CVC Type-ECP, CADPAT(WO)	8415-20-005-7353	Large	HECPCOV14
Helmet Cover CVC Type-CCP, UN Blue	8415-20-005-7346	Regular	HECPCOV14
Helmet Cover CVC Type-CCP, UN Blue	8415-20-005-7355	Large	HECPCOV14
Helmet Cover Combat, CADPAT(TW)	8415-21-912-7621	Small	CHCV14
Helmet Cover Combat, CADPAT(TW)	8415-21-912-7622	Medium	CHCV14
Helmet Cover Combat, CADPAT(TW)	8415-21-912-7623	Large	CHCV14
Helmet Cover Combat, CADPAT(AR)	8415-21-912-7630	Small	CHCV14
Helmet Cover Combat, CADPAT(AR)	8415-21-912-7631	Medium	CHCV14
Helmet Cover Combat, CADPAT(AR)	8415-21-912-7632	Large	CHCV14
Helmet Cover Combat, CADPAT(WO)	8415-20-004-8992	Small	CHCV14
Helmet Cover Combat, CADPAT(WO)	8415-20-004-8993	Medium	CHCV14
Helmet Cover Combat, CADPAT(WO)	8415-20-004-8994	Large	CHCV14
Helmet Cover Combat, UN Blue	8415-21-912-7624	Small	CHCV14
Helmet Cover Combat, UN Blue	8415-21-912-7625	Medium	CHCV14
Helmet Cover Combat, UN Blue	8415-21-912-7626	Large	CHCV14
Helmet Cover Combat, Naval Black	8415-20-004-9304	Small	CHCV14
Helmet Cover Combat, Naval Black	8415-20-004-9305	Medium	CHCV14
Helmet Cover Combat, Naval Black	8415-20-004-9306	Large	CHCV14
Helmet Cover Combat, All Types	N/A (Special size)	Extra-Large	CHCVCXL
Scrim Net	8415-20-005-7345	Universal	9675155

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3.2.5 Seams. Seams must be a minimum of 3/8" (9.5mm) wide unless otherwise specified. All seams and stitches must be in accordance with CAN/CGSB-54.1-M.

3.2.6 Stitching. All stitching must be lockstitch Type 301 having not less than 8 and not more than 10 stitches per inch. All double topstitching, when specified must be lock or lock chain stitches with needles set 6.4 mm (1/4 inch) apart and not less than 0.80 mm (1/32 inch) from the edges.

**Table 3.2 - CAN/CGSB-54.1 M90 Seams and Stitch Types**

Description	Seam Type (ISO)	Stitch Type	Stitch Count
Topstitching	Sse 2 (1.06.02)	301	4.-4.5 per cm., 8-10 per in
General	Ssa-1 (1.01.01)	301	4.-4.5 per cm., 8-10 per in
Box and Cross	Ssau-1 (5.04.03)	301	4.-4.5 per cm., 8-10 per in
Hemming	Efa-1 (6.03.01)	301	4.-4.5 per cm., 8-10 per in
Serging	Ssa-2 (1.01.02)	504-507	10 cover stitches per 25 mm (1 inch)

3.2.7 Finishing. The ends of all threads must be securely backstitched to prevent unraveling. All thread ends must be trimmed closely to the materials being seamed. All exposed raw edges must be finished with any 504-507 series with not less than 10 cover stitches per 25mm (1 inch). Where seaming and serging are specified, this may be done in one or two operations. Extra care must be taken to properly locate and size the barrel nut screw openings.

### 3.3 Labelling

3.3.1 Identification Labels. An Identification label in accordance with D-80-001-055/SF-001 must be sewn into the back hem of the helmet cover. The identification label must include the following information (refer to Figure 3.1):

- a. NSN 8415-xx-xxx-xxxx (refer to call-up)
- b. Size/Taille
- c. Contractor Name
- d. Contract/Contrat: (refer to call-up)
- e. DND CANADA MDN
- f. Care instructions/Symbols

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**Figure 3.1**



3.3.2 Care labelling information must be included on the marking label in accordance with CAN/CGSB-86.1-2003. The care labelling information is as follows:

- a. Washing - symbol 6 
- b. Drying - symbol 1 
- c. Ironing- symbol 5 
- d. Bleaching- symbol 3 
- e. Professional cleaning - symbol 3 

3.3.3 The marking on the labels must be printed in black with the characters readable and maximized to fit within the applicable label size. The "SIZE" and "DND CANADA MDN" identification must be twice that height. The colour and size of the label must be as indicated in Table 3.3.

**Table 3.3 - Label Size and Colour**

Component	Colour - (Good Visual Match to the following sealed patterns)	Lettering	Approximate Size Cm (in)
Cover CADPAT™ (TW)	DSSPM 281-01 (CAG)	Black	2.5 (1") H by 3.8 (1.5") W
Cover CADPAT™ (AR)	DSSPM 263-02 Light Sand	Black	2.5 (1") H by 3.8 (1.5") W
Cover CADPAT™ (WO)	White	Black	2.5 (1") H by 3.8 (1.5") W
Cover UN Blue	White	Black	2.5 (1") H by 3.8 (1.5") W
Cover Naval Black	White	Black	2.5 (1") H by 3.8 (1.5") W



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Scrim Net	N/A		
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### 3.4 Material Requirements.

3.4.1 Material Specifications. The cover materials and colour specifications are detailed in Table 3.4. The textile sealed patterns supplied for this solicitation or approved as part of this solicitation must constitute guidance in regard to material construction and any textile properties not defined in this technical purchase description.

**Table 3.4- Material Specifications and Sealed Patterns**

Governing Specification	Sealed Patterns
Cover - CADPAT™ Temperate Woodland (TW) DSSPM 2-2-80-023 Type I	CADPAT™ (TW) in accordance with sealed pattern DSSPM 259-01
Cover - CADPAT™ Arid Regions (AR) DSSPM 2-2-80-023 Type V	CADPAT™ (AR) in accordance with sealed pattern DSSPM 253-02
Cover - CADPAT™ Winter Operations (WO) DSSPM 2-2-80-030 Type II	CADPAT™ (WO) in accordance with sealed pattern DSSPM 268-15
Cover - United Nations Blue DSSPM 2-2-80-023 Type VI	UN Blue good visual match to sealed pattern DSSPM 252-04
Cover – Naval Black DSSPM 2-2-80-217	Black good visual match to sealed pattern DSSPM 291-85
Cover – MultiCam Provided as GSM	N/A – Details issued under separate cover
Scrim Net Drawing 9675156	Commercial Black

3.4.2. Fastener Loop. The tape fastener loop, for CVCMH covers, must be nylon, plain backed, Type 2, Class 1 conforming to A-A-55126. The colour used on all loop fastener tapes is indicated in Table 3.5.

**Table 3.5 - Fastener Tape and Thread Colour**

Cover Pattern	Colour <i>(Good Visual Match to the following sealed patterns)</i>
CADPAT™ (TW)	DSSPM 281-01, Canadian Average Green (CAG)
CADPAT™ (AR)	DSSPM 253-02, Light Sand
CADPAT™ (WO)	Commercial White
UN BLUE	DSSPM 252-04, UN Blue
Naval Black	Commercial Black (Thread Only)

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MultiCam	TBD
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3.4.3 **Thread.** The thread for all but the Navy covers must be cotton covered polyester thread. The thread must be 50 Tex in accordance with CAN/CGSB-4.131-93 or equivalent. The thread colour must be as indicated in Table 3.5 above.

**3.5 CADPAT™.** The helmet covers that require a CADPAT™ print must be inspected in accordance with Table 1 of Annex A and must meet the colour and reflectance requirements as specified in Table 3.6 below.

**Table 3.6 – Colour and Reflectance Compliance CADPAT™ Patterns**

Pattern	CADPAT™ (TW)	CADPAT™ (AR)	CADPAT™ (WO)
<b>Governing Specification</b>	DSSPM 2-2-80-023 Appendix 1	DSSPM 2-2-80-023 Appendix 1	DSSPM 2-2-80-030 Appendix 1

**3.6 Workmanship.** The finished product must meet the workmanship requirements of Table 2 of Annex A and must be free from all defects that would affect quality, appearance or proper functioning in service.

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National Défense  
Defence nationale

**ANNEX C**

**TECHNICAL EVALUATION CRITERIA**



**COVERS, COMBAT HELMET  
FOR THE CANADIAN ARMED FORCES**

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## **GUIDANCE TO BIDDERS** **TECHNICAL EVALUATION CRITERIA**

**1. General.** The contract to supply Combat Helmet Covers for the Canadian Armed Forces is to be awarded to the bid, meeting all mandatory requirements, with the highest combined rating of technical merit and price proposal. The purpose of this document is to describe the methodology that will be used to conduct the technical evaluation of bids made in respect of this solicitation.

1.1 Technical Evaluation. The technical evaluation will comprise assessment of compliance to stated mandatory requirements and a rated evaluation of bidder provided physical samples.

1.2 Bidder Responsibility Bidders must comply with the specific guidance contained in this document.

**2. Bid Samples and Test Data.** The Bidder must provide samples and data as outlined below.

2.1 Bid Samples. The Bidder must provide helmet cover samples as follows:

- a. The Bidder must deliver six (6) helmet cover assemblies manufactured in accordance with DND pattern drawing style code CHCV14, the specified engineering drawings, and the Technical Purchase Description (Annex B).
- b. The Bidder must provide the cover assemblies in Operational Type 1 – Temperate Woodland in accordance with DSSPM 2-2-80-023.
- c. The Bidder must provide samples in size **Medium only** for bid evaluation.
- d. Scoring will be based on construction standards, dimensions, and fit (refer to **Enclosure 1**). A minimum score of 100 out of 144 will be required to be considered compliant.

2.2 Material Deliverables.

- a. The Bidder must deliver one meter (39 in) of the outer shell material (combat cloth in CADPAT™ TW print) from the primary and any alternate supplier (if one is to be used).
- b. The Bidder must include independent laboratory test results from each material supplier showing conformance to each requirement of Table I of DSSPM 2-2-80-023.
- c. The Bidder must supply material from the primary supplier from the same print run as used for the bid samples above.
- d. The Bidder must provide Certificates of Compliance (C of C) for the elastic, thread, and polyethylene tabs.

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2.3 **CADPAT™ Pattern.** The temperate woodland pattern quality of shell material will be assessed against Appendix 1 to DSSPM 2-2-80-023.

**3. Manufacture Plan.** The Bidder must provide a Manufacture Plan in hard copy format with the following information:

- a. Location of manufacturing facility (City, Province/State and Country);
- b. Name of outer shell material supplier(s);
- c. Material lead times;
- d. Lead time from order to delivery;
- e. List of previous contracts awarded in the last five (5) years (minimum of 3), with a minimum value of \$100,000 Canadian.

**4. Quality Assurance (QA) Plan.** The Bidder must include a QA plan in hard copy format which as a minimum details the following specific to the delivery of the requirements of the RFP:

- a. The Bidders quality control structure and responsibilities to include physical product inspection;
- b. Raw material verification and release approval process;
- c. Material lot traceability in production process;
- d. Document and data control including retention period for test reports;
- e. Corrective action process.

**5. Bid Sample Identification.** The Bidder must clearly mark the government-assigned alpha-character identifier on all sample cover assemblies labels and boxes delivered with the bid proposal. The alpha-character identifier can be requested from PSPC any time after release of the RFP. An electronic copy of the current in-service User Instruction will also be released to the Bidder at the same time by the Technical Authority as Government Supplied Information solely for pricing purposes of the User Instruction (refer to SOR Annex A-section 3.7).

5.1 **Bid Labels.** Marking and labelling of bid assemblies are for purposes of assessing the quality and durability of markings. The Bidder must provide a blank label made of the production material, in the approximate size as planned on the production version with the bid sample # and size as detailed below. The Bidder must provide labels with a black font.

**Bid Cover Labels**

**Identification**

*Sample ID & Number*  
*Component Size*  
**NOT FOR ISSUE**

*EXAMPLE*  
*Sample B2 of 6*  
*Medium*  
*NOT FOR ISSUE*

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**NOTE:** The labels for bid samples **ARE NOT** required in the format specified in the TPD (Annex B) until post-standing offer award. They **MUST NOT** contain any company identification markings other than as specified above for the Bid Evaluation phase. The labels can be in the colour White or Canadian Average Green for this phase.

## **6. Supporting Documents**

6.1 **BID CERTIFICATES OF COMPLIANCE** - A Certificate of Compliance is a written statement guaranteeing that certain objects (products, services, processes, personnel, organizations) comply with certain criteria. The Bidder must provide Certificates of Compliance that clearly include:

6.1.1 A statement to the effect that the referenced objects comply with the referenced criteria.

6.1.2 The name and contact information of the designated representative of the entity that issued the Certificate.

6.1.3 The name and contact information of the entity that issued the Certificate, if they differ from those of the entity's designated representative.

6.1.4 The issue date of the Certificate of Compliance (effective start date) no older than one year from date of bid submission.

6.1.5 Descriptive nomenclature for each type of object being certified. When certifying product lots, the descriptive nomenclature must also include the bidders' supplier name and lot number.

6.1.6 Any terms or conditions of the objects' compliance (e.g. expiry date).

6.1.7 All reported test measurements must have been performed no more than 2 years before the Solicitation issue date.

6.1.8 A complete, third party Test Report will be accepted in lieu of a Certificate of Compliance, if the test results demonstrate compliance with the applicable criteria.

6.2 **BID TEST REPORTS** The Bidder must have testing conducted by accredited independent laboratories, or university laboratories, or government laboratories, all experienced with testing textiles, and all within the jurisdiction of NATO member states. The Bidder must provide Test Reports that clearly include:

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6.2.1 The name and contact information of the primary person(s) that performed the test(s) and prepared the Report.

6.2.2 The name and contact information of the designated representative of the entity that issued the Report.

6.2.3 The name and contact information of the entity that issued the Report, if they differ from those of the Reporter's designated representative.

6.2.4 The name and contact information of the supplier of each test sample.

6.2.5 References to the applicable test methods or specifications.

6.2.6 Descriptive nomenclature for each type of test specimen.

6.2.7 The production date (no older than one year from bid submission), lot number, and a unique identifier, for each test specimen.

6.2.8 The date the first measurement was obtained for the reported test(s).

**7. Bid Assessment Summary.** Technical merit is worth 60% of the assessment and the financial and Canadian content components are worth 40% as outlined in the RFP. Table C1 below summarizes the Mandatory technical criteria elements as presented within this annex. Rated criteria are defined in Enclosure 1. Bidders must meet all mandatories to be evaluated on rated criteria. Scoring of each bid will be normalized against competitors, after final technical scores are submitted to PSPC. The bidder with the highest combined score will be awarded the standing offer.

**Table C1 – Summary Bid Submission Deliverables**

<b>Deliverable</b>	<b>Annex C Section</b>	<b>Bidder's Compliance Met/Not Met</b>
The Bidder must deliver six (6) helmet cover assemblies sized Medium in CADPAT TW	2.1	
The Bidder must deliver one meter (39 in) of the outer shell material (combat cloth in CADPAT™ TW print) from the primary and any alternate supplier (if one is to be used).	2.2 a	
The Bidder must include independent laboratory test results from each material supplier showing conformance to each requirement of Table I of DSSPM 2-2-80-023	2.2 b	
The Bidder must supply material from	2.2 c	

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<p>the primary supplier from the same print run as used for the bid samples above</p>		
<p>The Bidder must provide Certificates of Compliance (C of C) for the elastic, thread, and polyethylene tabs.</p>	2.2 d	
<p>The Bidder must provide a Manufacture Plan in hard copy format with the following information:</p> <ul style="list-style-type: none"> <li>a. Location of manufacturing facility (City, Province/State and Country);</li> <li>b. Name of outer shell material supplier(s);</li> <li>c. Material lead times;</li> <li>d. Lead time from order to delivery;</li> <li>e. List of previous contracts (minimum of 3), in the last 5 years with a minimum value of \$100,000 Canadian.</li> </ul>	3	
<p>The Bidder must include a QA plan in hard copy format which as a minimum details the following specific to the delivery of the requirements of the RFP:</p> <ul style="list-style-type: none"> <li>a. The Bidders quality control structure and responsibilities to include physical product inspection;</li> <li>b. Raw material verification and release approval process;</li> <li>c. Material lot traceability in production process;</li> <li>d. Document and data control including retention period for test reports;</li> <li>e. Corrective action process.</li> </ul>	4	

**Enclosure 1** – Construction Verification and Material Qualification



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**Enclosure 1**  
**Technical Evaluation Criteria - Construction Verification and Material Qualification - Reference Annex C Section 2.1**  
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This technical evaluation is conducted to determine workmanship and adherence to pattern of samples received from each bidder. All bidders begin with the total points possible of 144 determined per Note 1. Nonconformances to the pattern and Annex B are deducted from each sample per Note 1. Bidders must receive a score of at least 100 to pass this requirement.

Item #	Description	Total points possible	Points deducted	Sample #	Comments	Total
1	Are there any exposed drill holes?	6				
2	Is there evidence of improperly formed stitches, uneven tension, skipped stitches?	6				
3	Are there any missing or improperly formed box and cross stitch applications?	6				
4	Are the number of stitches per inch as per the specification?	6				
5	Is there too much tension in the curved areas due to insufficient clipping of seam allowances?	6				
6	Is there evidence that the materials have been cut off-grain, not in accordance with the grain lines identified on the pattern drawings? Samples will be assessed by visual match of the Sealed Sample.	6				
7	Are side tabs the correct dimension?	24				
8	Are there the correct number of side tabs installed in the correct location?	24				
9	Is polyethelene front tab installed correctly?	6				
10	Are barrel nut slots located in the correct position?	12				
11	Are barrel nut slots cut to the correct dimension?	12				
12	Is neck screen pocket elastic assembled correctly?	6				
13	Is label installed in correct location?	6				
14	Are loops installed correctly?	12				

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15	Does sample fit medium helmet correctly?	6		
	total (min 100 to pass)	144		

Note 1: Total points are determined by the number of times a feature is required in a cover times the six (6) sample covers. Example: for item # 8 the requirements is for four (4) tabs in correctly installed in each cover so total points available is 24 points. For each tab missing or incorrectly positioned, a point is deducted. In relation to stitching features, for example item #4, only one point per sample per feature will be assessed so total points available would be 6.

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**ANNEX D****PRICING****Firm Quantities**

<b>ITEMS #</b>	<b>NATO STOCK NUMBERS</b>	<b>SIZE</b>	<b>DELIVERIES TO MONTREAL</b>	<b>DELIVERIES TO EDMONTON</b>
1.	21-912-7621 TW	SMALL	350	150
2.	21-912-7622 TW	MEDIUM	1800	700
3.	21-912-7630 AR	SMALL	400	200
4.	21-912-7631 AR	MEDIUM		
5.	21-912-7632 AR	LARGE	350	150
6.	20-004-8992 WO	SMALL	1100	
7.	20-004-8993 WO	MEDIUM	1100	400
8.	20-004-8994 WO	LARGE	1100	400
9.	21-912-7624 UN	SMALL		
10.	21-912-7625 UN	MEDIUM		
11.	21-912-7626 UN	LARGE		
	<b>TOTAL QUANTITY</b>		<b>6200</b>	<b>2000</b>

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**1. TECHNICAL REQUIREMENT**

The Contractor is required to provide Canada for the Department of National Defence (DND) with 8200 Helmet Covers of various sizes and colours in accordance with DND Specifications as stated in Annex A. To be delivered FOB Destination to Montreal and Edmonton.

**2. DESTINATONS AND INVOICING ADDRESS**

DESTINATION ADDRESS	INVOICING ADDRESS
DND Montreal Depot 25 Canadian Forces Supply Depot 6363 Notre Dame Est Montreal, Quebec H1N 3V9	Name: to be included at award time DLP 3-2-33 LSTL, 2nd Floor, S107 National Defence Headquarters MGen George R Pearkes Building 101 Colonel By Drive Ottawa, Ontario
DND Edmonton Depot 7 CFSD Receipts and Issues Section Edmonton, Alberta T0A 2H0	Name: to be included at award time DLP 3-2-33 LSTL, 2nd Floor, S107 National Defence Headquarters MGen George R Pearkes Building 101 Colonel By Drive Ottawa, Ontario

**3. DELIVERABLES**

**CONTRACT QUANTITY**

**Firm Quantities**

Item	Description	Firm Quantity	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination Montreal
1	21-912-7621 TW Helmet Covers small	350	Each	\$ _____

Item	Description	Firm Quantity	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination Edmonton
1	21-912-7621 TW Helmet Covers small	150	Each	\$ _____

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Item	Description	Firm Quantity	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination Montreal
2	21-912-7622 TW Helmet Covers Med	1800	Each	\$ _____

Item	Description	Firm Quantity	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination Edmonton
2	21-912-7622 TW Helmet Covers Size: Med	700	Each	\$ _____

Item	Description	Firm Quantity	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination Montreal
3	21-912-7630 AR Helmet Covers Size: Small	400	Each	\$ _____

Item	Description	Firm Quantity	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination Edmonton
3	21-912-7630 AR Helmet Covers Size: Small	200	Each	\$ _____

Item	Description	Firm Quantity	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination Montreal
5	21-912-7632 AR Helmet Covers Size: Large	350	Each	\$ _____

Item	Description	Firm Quantity	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination Edmonton
5	21-912-7632 AR Helmet Covers Size: Large	150	Each	\$ _____

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Item	Description	Firm Quantity	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination Montreal
6	20-004-8992 WO Helmet Covers Size: Small	1100	Each	\$ _____

Item	Description	Firm Quantity	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination Montreal
7	20-004-8993 WO Helmet Covers Size: Medium	1100	Each	\$ _____

Item	Description	Firm Quantity	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination Edmonton
7	20-004-8993 WO Helmet Covers Size: Medium	400	Each	\$ _____

Item	Description	Firm Quantity	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination Montreal
8	20-004-8994 WO Helmet Covers Size: Large	1100	Each	\$ _____

Item	Description	Firm Quantity	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination Edmonton
8	20-004-8994 WO Helmet Covers Size: Large	400	Each	\$ _____

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**“As and When” Quantities**

Item	Description	Estimated Quantity (total for 5 years)	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination	
				MTL Depot	EDM Depot
1	21-912-7621 TW Helmet Covers size: Small	2500	Each	Year 1 \$	Year 1 \$
				Year 2 \$	Year 2 \$
				Year 3 \$	Year 3 \$
				Year 4 \$	Year 4 \$
				Year 5 \$	Year 5 \$

Year 1: ordered within 12 months from contract award date.  
 Year 2: ordered within 13-24 months from contract award date.  
 Year 3: ordered within 25-36 months from contract award date.  
 Year 4: ordered within 37-48 months from contract award date.  
 Year 5: ordered within 39-60 months from contract award date.

Item	Description	Estimated Quantity (total for 5 years)	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination	
				MTL Depot	EDM Depot
2	21-912-7622 TW Helmet Covers size: Medium	5600	Each	Year 1 \$	Year 1 \$
				Year 2 \$	Year 2 \$
				Year 3 \$	Year 3 \$
				Year 4 \$	Year 4 \$
				Year 5 \$	Year 5 \$

Year 1: ordered within 12 months from contract award date.  
 Year 2: ordered within 13-24 months from contract award date.  
 Year 3: ordered within 25-36 months from contract award date.  
 Year 4: ordered within 37-48 months from contract award date.  
 Year 5: ordered within 39-60 months from contract award date.

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Item	Description	Estimated Quantity (total for 5 years)	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination	
				MTL Depot	EDM Depot
3	21-912-7630 AR Helmet Covers size: Small	2000	Each	Year 1 \$	Year 1 \$
				Year 2 \$	Year 2 \$
				Year 3 \$	Year 3 \$
				Year 4 \$	Year 4 \$
				Year 5 \$	Year 5 \$

Year 1: ordered within 12 months from contract award date.  
 Year 2: ordered within 13-24 months from contract award date.  
 Year 3: ordered within 25-36 months from contract award date.  
 Year 4: ordered within 37-48 months from contract award date.  
 Year 5: ordered within 39-60 months from contract award date.

Item	Description	Estimated Quantity (total for 5 years)	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination	
				MTL Depot	EDM Depot
4	21-912-7631 TW Helmet Covers size: Medium	2000	Each	Year 1 \$	Year 1 \$
				Year 2 \$	Year 2 \$
				Year 3 \$	Year 3 \$
				Year 4 \$	Year 4 \$
				Year 5 \$	Year 5 \$

Year 1: ordered within 12 months from contract award date.  
 Year 2: ordered within 13-24 months from contract award date.  
 Year 3: ordered within 25-36 months from contract award date.  
 Year 4: ordered within 37-48 months from contract award date.  
 Year 5: ordered within 39-60 months from contract award date.



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Item	Description	Estimated Quantity (total for 5 years)	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination	
				MTL Depot	EDM Depot
5	21-912-7632 AR Helmet Covers size: Large	2000	Each	Year 1 \$	Year 1 \$
				Year 2 \$	Year 2 \$
				Year 3 \$	Year 3 \$
				Year 4 \$	Year 4 \$
				Year 5 \$	Year 5 \$

Year 1: ordered within 12 months from contract award date.  
Year 2: ordered within 13-24 months from contract award date.  
Year 3: ordered within 25-36 months from contract award date.  
Year 4: ordered within 37-48 months from contract award date.  
Year 5: ordered within 39-60 months from contract award date.

Item	Description	Estimated Quantity (total for 5 years)	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination	
				MTL Depot	EDM Depot
6	20-004-8992 WO Helmet Covers size: Small	2500	Each	Year 1 \$	Year 1 \$
				Year 2 \$	Year 2 \$
				Year 3 \$	Year 3 \$
				Year 4 \$	Year 4 \$
				Year 5 \$	Year 5 \$

Year 1: ordered within 12 months from contract award date.  
Year 2: ordered within 13-24 months from contract award date.  
Year 3: ordered within 25-36 months from contract award date.  
Year 4: ordered within 37-48 months from contract award date.  
Year 5: ordered within 39-60 months from contract award date.

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Item	Description	Estimated Quantity (total for 5 years)	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination	
				MTL Depot	EDM Depot
7	20-004-8993 WO Helmet Covers size: Medium	2500	Each	Year 1 \$	Year 1 \$
				Year 2 \$	Year 2 \$
				Year 3 \$	Year 3 \$
				Year 4 \$	Year 4 \$
				Year 5 \$	Year 5 \$

Year 1: ordered within 12 months from contract award date.  
Year 2: ordered within 13-24 months from contract award date.  
Year 3: ordered within 25-36 months from contract award date.  
Year 4: ordered within 37-48 months from contract award date.  
Year 5: ordered within 39-60 months from contract award date.

Item	Description	Estimated Quantity (total for 5 years)	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination	
				MTL Depot	EDM Depot
8	20-004-8994 WO Helmet Covers size: Large	4500	Each	Year 1 \$	Year 1 \$
				Year 2 \$	Year 2 \$
				Year 3 \$	Year 3 \$
				Year 4 \$	Year 4 \$
				Year 5 \$	Year 5 \$

Year 1: ordered within 12 months from contract award date.  
Year 2: ordered within 13-24 months from contract award date.  
Year 3: ordered within 25-36 months from contract award date.  
Year 4: ordered within 37-48 months from contract award date.  
Year 5: ordered within 39-60 months from contract award date.

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Item	Description	Estimated Quantity (total for 5 years)	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination	
				MTL Depot	EDM Depot
9	21-912-7624 UN Helmet Covers size: Small	1500	Each	Year 1 \$	Year 1 \$
				Year 2 \$	Year 2 \$
				Year 3 \$	Year 3 \$
				Year 4 \$	Year 4 \$
				Year 5 \$	Year 5 \$

Year 1: ordered within 12 months from contract award date.  
Year 2: ordered within 13-24 months from contract award date.  
Year 3: ordered within 25-36 months from contract award date.  
Year 4: ordered within 37-48 months from contract award date.  
Year 5: ordered within 39-60 months from contract award date.

Item	Description	Estimated Quantity (total for 5 years)	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination	
				MTL Depot	EDM Depot
10	21-912-7625 UN Helmet Covers size: Medium	2000	Each	Year 1 \$	Year 1 \$
				Year 2 \$	Year 2 \$
				Year 3 \$	Year 3 \$
				Year 4 \$	Year 4 \$
				Year 5 \$	Year 5 \$

Year 1: ordered within 12 months from contract award date.  
Year 2: ordered within 13-24 months from contract award date.  
Year 3: ordered within 25-36 months from contract award date.  
Year 4: ordered within 37-48 months from contract award date.  
Year 5: ordered within 39-60 months from contract award date.

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Item	Description	Estimated Quantity (total for 5 years)	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination	
				MTL Depot	EDM Depot
11	21-912-7626 UN Helmet Covers size: Large	2000	Each	Year 1 \$	Year 1 \$
				Year 2 \$	Year 2 \$
				Year 3 \$	Year 3 \$
				Year 4 \$	Year 4 \$
				Year 5 \$	Year 5 \$

Year 1: ordered within 12 months from contract award date.  
Year 2: ordered within 13-24 months from contract award date.  
Year 3: ordered within 25-36 months from contract award date.  
Year 4: ordered within 37-48 months from contract award date.  
Year 5: ordered within 39-60 months from contract award date.

**Option Year (Unfunded)**

Item	Description	Estimated Quantity (Final year)	Unit of Issue	Firm Unit Price, Applicable taxes extra FOB Destination
1,2,3,4, 5,6,7,8, 9,10,11	Helmets covers-	1000-10,000	Each	\$ _____

**This unfunded option year can only be exercised in the final 48-60 months from contract award date This option year can only be exercised by PSPC.**

**4. "AS AND WHEN REQUESTED" QUANTITIES - Identified as Items 1,2,3,4,5,6,7,8,9,10 and 11.**

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.

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

The quantity of "as and when requested" goods specified under items **1,2,3,4,5,6,7,8,9,10 and 11** is only an approximation of requirements.

Order for "as and when requested" quantities will be made on Form 942 or other

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The period for placing "as and when requested" orders will be from contract award date \_\_\_\_\_ to \_\_\_ ( to filled once contract is awarded)

**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 1 to 11.**

The Contractor grants to Canada the irrevocable option to acquire the goods described under items 1 to 11 under the same terms and conditions and at the prices stated in the Contract. The option may only be exercised by the Contracting Authority for a **minimum of 1000 up to a maximum of 10,000** distributed amongst the items and destinations and will be evidenced through a contract amendment.

The Contracting Authority may exercise the option 12 months prior to the expiry of the Contract by sending a written notice to the Contractor. Multiple amendments may result.