



**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:**

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

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

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

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

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

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

Comments - Commentaires

Title - Sujet Helmet System for the SAR Tech Com.	
Solicitation No. - N° de l'invitation W8485-174411/A	Date 2018-01-11
Client Reference No. - N° de référence du client 6000392945	
GETS Reference No. - N° de référence de SEAG PW-\$\$PR-714-74119	
File No. - N° de dossier pr714.W8485-174411	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-02-28	Time Zone Fuseau horaire Eastern Standard Time EST
F.O.B. - F.A.B. Plant-Usine: <input checked="" type="checkbox"/> Destination: <input 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 (613) 410-6806 ()	FAX No. - N° de FAX (819) 956-5454
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Specified Herein Précisé dans les présentes	

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address

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

Issuing Office - Bureau de distribution

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

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



Destination Code - Code destinataire	Destination Address - Adresse de la destination	Invoice Code - Code bur.-comptable	Invoice Address - Adresse de facturation
D - 1	25 CFSD RECEIPTS SECTION CFB Montreal 6363 Notre Dame Est MONTREAL QC H1N 3V9 CANADA	I - 1	Ministère de la défense nationale 25 DAFC / Magasin C.P. 4000 Succ K MONTREAL QC H1N 3R9 CANADA Attention: Invoice Section W1941



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Unit Price/Prix unitaire		Del. Offered Liv. offerte
						Destination	FOB/FAM Plant/Usine	
1	SAR TECH HELMET SYSTEM FY 17/18	D-1	I-1	1	Each	XXXXXXXXXXXX	\$	See Herein
2	SAR TECH HELMET SYSTEM FY 18/19	D-1	I-1	1	Each	XXXXXXXXXXXX	\$	See Herein

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Solicitation No. - N° de l'invitation
W8485-174411/A
Client Ref. No. - N° de réf. du client
W8485-174411

Amd. No. - N° de la modif.
File No. - N° du dossier
pr714.W8485-174411

Buyer ID - Id de l'acheteur
pr714
CCC No./N° CCC - FMS No./N° VME

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PART 1 - GENERAL INFORMATION

1.1 Security Requirement

There is no security requirement associated with this bid solicitation.

1.2 Statement of Requirement

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

1.3 Debriefings

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

1.4 Trade Agreements

The requirement is subject to the provisions of the the Canadian Free Trade Agreement (CFTA).

1.5 Canadian Content

The requirement is subject to a preference for Canadian goods and/or services.

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

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

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

The 2003 (2017/04/27) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

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

Delete: 60 days

Insert: 120 days

2.2 Submission of Bids

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

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than seven (7) calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by Bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all Bidders. Enquiries not submitted in a form that can be distributed to all Bidders may not be answered by Canada.

2.4 Applicable Laws

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

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

2.5 Technical Data

In order to receive a Technical Data Package against this solicitation, Bidders must send their request by email to william.sinka@tpsgc-pwgsc.gc.ca and provide the following details:

- Company Name
- Complete mailing & physical address (p.o. box numbers not acceptable)
- Area code and telephone number
- Contact name
- E-mail address
- Solicitation Number & Closing Date

It is imperative that the request be done as soon as possible to ensure timely receipt. Notwithstanding Canada must not be held responsible for untimely release of the technical data.

2.6 Specifications and Standards

2.6.1 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://assistdocs.com/search/search_basic.cfm

2.6.2 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>

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

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

Section I: Technical Bid (2 hard copies)
Section II: Financial Bid (1 hard copy)
Section III: Certifications (2 hard copies)

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

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

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

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

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.
- 3) Green Initiatives (for PWGSC information only)
Bidders are requested to provide details of their policies and practices in relation to the following initiatives:
 - environmentally responsible manufacturing;
 - environmentally responsible waste disposal;
 - waste reduction;
 - packaging;
 - re-use strategies;
 - recycling.

Section I: Technical Bid

In their technical bid, Bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work. Bidders must demonstrate in a thorough concise and clear manner their capability for carrying out the work.

The technical bid must address clearly and in sufficient depth the points that are subject to the evaluation criteria against which the bid will be evaluated. Simply repeating the statement contained in the bid solicitation is not sufficient. In order to facilitate the evaluation of the bid, Canada requests that the bidders address and present topics in the order of the evaluation criteria under the same headings. To avoid duplication, bidders may refer to different sections of their bids by identifying the specific paragraph and page number where the subject topic has already been addressed.

Section II: Financial Bid

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

3.1.1 Electronic Payment of Invoices – Bid

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

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

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

3.1.2 Exchange Rate Fluctuation

C3011T 2013/11/06 Exchange Rate Fluctuation

3.1.3 SACC Manual Clauses

Section III: Certifications

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

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

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

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Criteria

Pre-Award Samples and Supporting Documentation

As part of the technical evaluation, to confirm a Bidder's capability of meeting the technical requirements, the following items 1 to 4 must be included with the bid.

- 1) The bidder must provide two (2) hard copies and two (2) electronic reproducible copies on USB or CD and in PDF format of the following technical data:
 - (a) the complete description of the Search and Rescue Technicians Helmet System, including detailed description drawings (level 1) in accordance with D-01-400-002/SF-000, showing all components, part numbers, material identification, "exploded views", and associated specifications, cross referencing part names and part numbers. If part numbers applied to the equipment are company explicit and have a common industry standard part number associated with it, both part numbers must be displayed. (Example. NAS, MS etc.);
 - (b) the user operating and care instructions;
 - (c) the maintenance instructions, including information regarding inspection, testing, repair, recommended inspection intervals, and service life; and
 - (d) the fitting and sizing procedures.
- 2) The bidder must provide three (3) complete Search and Rescue Technician Helmet Systems with 1 each of medium, large, and extra-large including any externals and attachments required to carry out the full range of testing.
- 3) The bidder must submit a Recommended Spare Parts List (**in electronic format, MS Word or MS Excel**) applicable to the parts breakdown as indicated in the OEM maintenance manual. The document must also provide for each component the Part Number and associated NSN if available, the price for each item for each of for three years, and the manufacturer and shelf life if any.
- 4) A copy of any certifications the equipment holds or the test data that shows the equipment meets the requirements **as stated in Annex D and Table 1 (Compliance Matrix) in Appendix 1 to Annex D**. Certifications must be from a regulating body or independent testing agencies that are recognized by a regulating body or testing carried out internally by the bidder.

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

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

If any supporting documentation is missing, the Contracting Authority will inform the Bidder in writing and provide the Bidder with two (2) working days from the request to submit the missing documentation. Failure to submit the required items in the specified time frame will result in the bid being declared non-responsive.

The pre-award samples will be evaluated for quality of workmanship and conformance to specified materials and measurements.

The requirement for the items will not relieve the successful bidder from strictly adhering to the technical requirement of this Request for Proposal and any resultant contract.

4.1.1.2 Evaluation Methodology:

The evaluation will take place in two (2) parts as follows:

Part 1 - Mandatory Technical Criteria Screening

The proposal will be evaluated in accordance with the Mandatory Technical Criteria identified at Appendix 1 to Annex D. The evaluation will be conducted on the supplied information only.

All mandatory criteria identified at Appendix 1 to Annex D must be met or the bid will be deemed noncompliant.

Failure to provide sufficient detail in the bid submission to evaluate the proposal against the mandatory criteria will also deem the bid non-compliant. Even if a bid fails to meet as few as one mandatory criterion that bid will be non-compliant and will be given no further consideration.

Response information provided by the bidders will be evaluated and the status of the resulting evaluation criteria is as Pass/Fail.

Only compliant bidders will proceed to Phase II.

Pre-award samples provided by bidders that did not meet the mandatory requirements of Phase I will have their equipment returned 45 days after contract award. Pre-award samples provided by the Bidders that moves forward to Phase II will not be returned. It will be destroyed on completion of the testing and contract award as the serviceability of the item cannot be guaranteed.

Part 2 - Operational Testing

All compliant bidders of the Phase I will have their proposed equipment/item/system forwarded to the Part 2 of evaluation where the proposed equipment will be field tested, evaluated and rated by Search and Rescue (SAR) technicians carrying out actual SAR training and mission scenarios using the equipment and manuals.

The equipment will be evaluated by three different users and given scores from 1 to 7 by each user on the criteria listed at Appendix 1 to Annex D. The average rating scores of the evaluators will be totaled and multiplied by the weight criteria to determine the final score.

Equipment scoring a rating of 4 or below on any of the criteria by any of the user (not the average) will be considered non-compliant.

4.1.2 Financial Evaluation

4.1.2.1 Mandatory Financial Criteria

- a. The Bidder must submit firm unit prices in Canadian dollars, applicable taxes are excluded, FCA (Contractor's facility) Incoterms 2000, transportation costs excluded, all applicable Customs Duties and Excise taxes excluded.

- b. The Bidder must submit firm unit pricing for all items including options and “as and when requested” quantities for spare parts. The Bidder is requested to quote firm unit pricing at no more than two decimal points.
- c. Prices for three (3) years of spare parts must be included with the bid (Refer to Annex A) but will not be part of the financial evaluation.

4.1.2.2 SACC MANUAL CLAUSE

A9033T 2012/07/16 Financial Capability

4.1.2.3 Financial Evaluation Methodology

The evaluated price will be established using the firm quantity and 100% of the option (spare parts will not be included in the financial evaluation).

4.2 Basis of Selection

- 1) A bid must comply with all requirements of the bid solicitation and meet all mandatory technical and financial evaluation criteria to be declared responsive.
- 2) The responsive bid with the highest combined rating of technical merit and price will be recommended for award of the Contract (one Contract only).
- 3) The overall technical score for each responsive bid will be determined as follows: total number of points obtained / maximum number of points available multiplied by the ratio of 70%.
- 4) To establish the pricing score, each responsive bid will be prorated against the lowest evaluated price and the ratio of 30%.
- 5) For each responsive bid, the technical merit score and the pricing score will be added to determine its combined rating.
- 6) If a tie were to occur, the tiebreaker will be the highest technical merit.
- 7) Neither the responsive bid obtaining the highest technical score nor the one with the lowest evaluated price will necessarily be accepted. The table below illustrates an example where two bids are responsive and the selection of the bidder is determined by 70/30 ratio of technical merit and price, respectively. The total available points equal 135 and the lowest evaluated price is \$45,000 (45). This example is a hypothetical scenario and does not constitute actual requirements.

Basis of Selection - Highest Combined Rating			
Technical Merit (70%) and Price (30%)			
		Bidder 1	Bidder 2
Overall Technical Score		115/135	92/135
Bid Evaluated Price		\$55,000.00	\$45,000.00
Calculations	Technical Merit Score	$115/135 \times 70 = 59.62$	$92/135 \times 70 = 47.7$

	Pricing Score	45/55 x 30 = 24.54	45/45 x 30 = 30
Combined Rating		83.16	77.7
Overall Rating		1st	2nd

4.3 Contract Financial Security

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

4.4 Security Deposit Definition

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

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

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

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

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

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

5.1 Certifications Required with the Bid

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

5.1.1 Integrity Provisions - Declaration of Convicted Offences

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

5.1.2 Additional Certifications Required with the Bid

5.1.2.1 Canadian Content Certification

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

Canadian Content Certification

This procurement is conditionally limited to Canadian goods.

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

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

The Bidder certifies that:

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

Plant Location

Items will be manufactured at: _____

5.2 Certifications Precedent to Contract Award and Additional Information

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

5.2.1 Integrity Provisions – Required Documentation

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real procurement agreement of the Ineligibility and Suspension Policy (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

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

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

Canada will also have the right to terminate the Contract for default if a Contractor, or any member of the Contractor if the Contractor is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list during the period of the Contract.

The Bidder must provide the Contracting Authority with a completed annex titled Federal Contractors Program for Employment Equity - Certification, before contract award. If the Bidder is a Joint Venture, the Bidder must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification, for each member of the Joint Venture.

5.2.3 Additional Certifications Precedent to Contract Award

5.2.3.1 Samples and Production Certification

The Bidder certifies that:

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

5.2.3.2 Price Certification for Recommended Spare parts List

By submitting a bid, the Bidder certifies that the price proposed is not in excess of the lowest price charged anyone else, including the Bidder's most favoured customer, for like quality and quantity of the goods, services or both.

PART 6 - RESULTING CONTRACT CLAUSES

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

6.1 Security Requirements

6.1.1 There is no security requirement applicable to the Contract.

6.2 Statement of Requirement

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

6.3 Standard Clauses and Conditions

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

6.3.1 General Conditions

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

6.4 Term of Contract

6.4.1 Delivery Date

Delivery Required (Desirable) - Firm Quantity

All firm deliverables are requested complete by March 31st, 2019.

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

6.4.1.1 Preparation for Delivery

The Contractor must prepare item number 1, 2, and 3 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.

6.4.1.2 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".

6.4.1.3 Shipping Instructions (DND) - Canadian-based Contractor

1. Delivery will be FCA Free Carrier at (Contractor's facility) Incoterms 2000. The Contractor must load the goods onto the carrier designated by the Department of National Defence (DND). Onward shipment from the delivery point to the consignee will be Canada's responsibility.
2. Before shipping the goods, the Contractor must contact the following DND Inbound Logistics coordination center by telephone, facsimile or e-mail, to arrange for shipment, and provide the information detailed at paragraph 3.

Inbound Logistics Coordination Center (ILCC)
Telephone 1-877-877-7423 (toll free)
Facsimile: 1-877-877-7409 (toll free)
E-mail: ilhqottawa@forces.gc.ca

3. The Contractor must provide the following information to the DND Inbound Logistics coordination center when arranging for shipment:
 - (a) the Contract number;
 - (b) consignee address (for multiple addresses, goods must be packaged and labeled separately with each consignee address);
 - (c) description of each item;
 - (d) the number of pieces and type of packaging (i.e., carton, crate, drum, skid);
 - (e) actual weight and dimensions of each piece type, including gross weight;
 - (f) full details of dangerous material, as required for the applicable mode of transportation, signed certificates for dangerous material as required for shipment by the International Maritime Dangerous Goods Code, the International Air Transportation Association

Regulations or the applicable Canadian Dangerous Goods Shipping Regulations, and a copy of the Materiel Safety Data Sheet.

4. Following receipt of this information by Canada, Canada will provide the appropriate shipping instructions, which may include the requirement for specific consignee address labeling, and the marking of each piece with a Transportation Control Number.
5. The Contractor must not ship the goods before receiving shipping instructions from the DND Inbound Logistics contact.
6. If the Contractor delivers the goods at a place and time which are not in accordance with the given delivery instructions or fail to fulfill reasonable delivery instructions given by Canada, the Contractor must reimburse Canada any additional expenses and costs incurred.
7. If Canada is responsible for delays in delivering the goods, ownership and risk will be transferred to Canada upon expiry of either thirty (30) days following the date on which a duly completed shipping application is received by Canada or by its appointed forwarding agent, or thirty (30) days following the delivery date specified in the Contract, whichever is later.

6.4.1.4 Shipping Instructions (DND) - Foreign-based Contractors

1. Delivery will be FCA Free Carrier at (**Contractor's facility**) Incoterms 2000. The Contractor must load the goods onto the carrier designated by the Department of National Defence (DND). Onward shipment from the delivery point to the consignee will be Canada's responsibility
2. Before shipping the goods, the Contractor must contact the following DND Inbound Logistics Coordination Center by facsimile or e-mail, to arrange for shipment, and provide the information detailed at paragraph 3.
 - a. Insert the following when the Contractor is located in the United States (U.S.):
Inbound Logistics Coordination Center (ILCC):
Telephone: 1-877-447-7701 (toll free)
Facsimile: 1-877-877-7409 (toll free)
E-mail: ILHQOttawa@forces.gc.ca
 - b. Insert the following when the Contractor is located in United Kingdom (UK) and Ireland:
Inbound Logistics United Kingdom (ILUK):
Telephone: 011-44-1895-613023, or 011-44-1895-613024, or
Facsimile: 011-44-1895-613046
E-mail: CFSUEDetUKMovements@forces.gc.ca

In addition, the Contractor must send to ILUK the completed form "Shipping Advice and Export Certificate" by e-mail to: CFSUEDetUKMovements@forces.gc.ca.
The shipment of any items above the value of 600 GBP (pound sterling) being exported from the United Kingdom and Ireland will be cleared by DND using Her Majesty's Customs & Excise (HMCE) New Export Systems (NES). The Contractor must comply with HMCE requirements by registering with HMCE or by having a freight forwarder complete the entry. A printed copy of the NES entry Export Declaration clearly displaying the Declaration Unique Consignment Reference Number must be provided by the Contractor and attached to the consignment. The Contractor must ensure that this procedure is carried out for all stores whether they be initial purchase or repair and overhaul export items. HMCE will authorize Canadian Forces Support Unit (Europe) to ship the goods only if the procedure has been adhered to completely and properly by the

Contractor. **Note:** To ensure you receive a reply on any contracting information such as Incoterms etc, always include the e-mail address: ILHQOttawa@forces.gc.ca in carbon copy (cc).

- c. Insert the following when the Contractor is located in a country other than Canada, the U.S., the UK and Ireland:

Inbound Logistics Europe Area (ILEA):
Telephone: +49-(0)-2203-908-1807 or 2748 or 5304
Facsimile: +49-(0)-2203-908-2746
Email: ILEA@forces.gc.ca

Note: To ensure you receive a reply on any contracting information such as Incoterms etc, always include the e-mail address: ILHQOttawa@forces.gc.ca in carbon copy (cc).

- d. Insert the following for U.S. Foreign Military Sales (FMS):

Inbound Logistics Coordination Center (ILCC):
Telephone: 1-877-447-7701 (toll free)
Facsimile: 1-877-877-7409 (toll free)
Email: ILHQOttawa@forces.gc.ca

Canada is responsible for the carrier selection for shipments of the goods supplied under this FMS contract. Instructions on how to obtain carrier selection from Canada are contained in U.S. Department of Defense 4000.25-8-M, Military Assistance Program Address Directory, and Canadian Special Instructions Indicator (SII). The Contractor must not ship the goods until the SII has been complied with.

3. The Contractor must provide the following information to the DND Inbound Logistics contact when arranging for shipment:

- a. the Contract number;
- b. consignee address (if multiple addresses, items must be packaged and labeled separately with each consignee address);
- c. description of each item;
- d. the number of pieces and type of packaging (e.g. carton, crate, drum, skid);
- e. actual weight and dimensions of each piece type, including gross weight;
- f. copy of the commercial invoice (in accordance with clause [C2608C](#), section 4, of the [Standard Acquisition Clauses and Conditions Manual](#)) or a copy of the Canada Border Services Agency form CI1 [Canada Customs Invoice](#) (PDF 429KB) - ([Help on File Formats](#));
- g. [Schedule B](#) codes (for exports) and the Harmonized Tariff Schedule codes (for imports);
- h. North American Free Trade Agreement Certificate of Origin (in accordance with clause [C2608C](#), section 2) for the U.S. and Mexico only;
- i. full details of dangerous material, as required for the applicable mode of transportation, signed certificates for dangerous material as required for shipment by the International Maritime Dangerous Goods Code, or International Air Transport Association regulations or the applicable Canadian [Dangerous Goods Shipping Regulations](#) and a copy of the safety data sheet.

4. Following receipt of this information by Canada, Canada will provide the appropriate shipping instructions, which may include the requirement for specific consignee address labelling, the marking of each piece with a Transportation Control Number and customs documentation.
5. The Contractor must not ship goods before receiving shipping instructions from the DND Inbound Logistics contact.
6. If the Contractor delivers the goods at a place and time that are not in accordance with the given delivery instructions or fail to fulfill reasonable delivery instructions given by Canada, the Contractor must reimburse Canada any additional expenses and costs incurred.
7. If Canada is responsible for delays in delivering the goods, ownership and risk will be transferred to Canada upon expiry of either 30 days following the date on which a duly completed shipping application is received by Canada or by its appointed forwarding agent, or 30 days following the delivery date specified in the Contract, whichever is later.

6.4.1.5 Packaging - Commercial

Packing must be in accordance with standard commercial practice to ensure safe delivery at destination.

6.4.1.6 SACC Manual Clauses

<u>D5545C</u>	2010/08/16	ISO 9001:2008 - Quality Management Systems - Requirements (QAC C)
<u>D5604C</u>	2008/12/12	Release Documents (DND) - Foreign-based Contractor
<u>D5605C</u>	2010/01/11	Release Documents (DND) - United States-based Contractor
<u>D5606C</u>	2012/07/16	Release Documents (DND) - Canadian-based Contractor
<u>D6010C</u>	2007/11/30	Palletization

6.5 Authorities

6.5.1 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 : 819-410-6806 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.

6.5.2 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.

6.5.3 Contractor's Representative

The person responsible for :

General enquiries

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

Delivery follow-up

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

6.6 Payment

6.6.1 Basis of Payment – Firm Unit Price(s)

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

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

6.6.2 SACC Manual Clauses

<u>H1001C</u>	2008/05/12	Multiple Payments
<u>C2000C</u>	2007/11/30	Taxes - Foreign-based Contractor

6.6.3 Electronic Payment of Invoices – Contract

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

- a. Visa Acquisition Card;
- b. MasterCard Acquisition Card;
- c. Direct Deposit (Domestic and International);

- d. Electronic Data Interchange (EDI);
- e. Wire Transfer (International Only);
- f. Large Value Transfer System (LVTS) (Over \$25M)

6.7 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:
 - a. One (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 _____
Email: _____ (to be inserted at contract award)
 - b. One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.
 - c. The original and one (1) copy must be forwarded to the consignee for certification and payment.

6.7.1 Release Documents - Distribution

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

- (a) One (1) copy mailed to consignee marked: "Attention: Receipts Officer";
- (b) Two (2) copies with shipment (in a waterproof envelope) to the consignee;
- (c) One (1) copy to the Contracting Authority;
- (d) One (1) copy to:

National Defence Headquarters
Mgen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A 0K2
Attention: _____
Email: _____ (to be inserted at contract award)

- (e) One (1) copy to the Quality Assurance Representative;
- (f) One (1) copy to the Contractor; and
- (g) For all non-Canadian contractors, one (1) copy to:

DQA/Contract Administration
National Defence Headquarters
Mgen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A 0K2

E-mail: ContractAdmin.DQA@forces.gc.ca

6.8 Certifications and Additional Information

6.8.1 Compliance

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

6.8.2 Federal Contractors Program for Employment Equity - Default by the Contractor

The Contractor understands and agrees that, when an Agreement to Implement Employment Equity (AIEE) exists between the Contractor and Employment and Social Development Canada (ESDC)-Labour, the AIEE must remain valid during the entire period of the Contract. If the AIEE becomes invalid, the name of the Contractor will be added to the "FCP Limited Eligibility to Bid" list. The imposition of such a sanction by ESDC will constitute the Contractor in default as per the terms of the Contract.

6.8.3 SACC Manual Clauses

A3060C 2008/05/12 Canadian Content Certification

6.9 Applicable Laws

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

6.10 Priority of Documents

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

- a) the Articles of Agreement;
- b) the general conditions 2030 (2016/04/04), General Conditions - Goods (Higher Complexity);
- c) Annex "A", Statement of Requirement;
- d) Specifications Annex D;
- e) the Contractor's bid dated _____

6.11 Defence Contract

SACC Manual clause A9006C (2012/07/16) Defence Contract

6.12 SACC Manual Clauses

C2610C 2007/11/30 Customs Duties - DND - Importer
D2000C 2007/11/30 Marking

6.13 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.

6.14 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 to 12B the Design Change/Deviation form DND 675 and forward one (1) copy to the Technica 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.

6.15 Plant Closing

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

2018			
Summer Holiday	FROM	_____	TO _____
Christmas Holiday	FROM	_____	TO _____
2019			
Summer Holiday	FROM	_____	TO _____
Christmas Holiday	FROM	_____	TO _____
2020			
Summer Holiday	FROM	_____	TO _____
Christmas Holiday	FROM	_____	TO _____
2021			
Summer Holiday	FROM	_____	TO _____
Christmas Holiday	FROM	_____	TO _____

6.16 Plant Location

Items will be manufactured at: _____

6.17 Subcontractor(s)

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

Name of Company: _____

Location: _____

Value of subcontract: \$ _____

Nature of subcontracting work performed: _____

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

6.18 Overshipment

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

6.19 Pre-Production Sample

1. The Contractor must provide a complete pre-production sample of the item in size large to the Technical Authority for acceptance within 20 calendar days from date of contract award.
2. If the pre-production sample is rejected, the Contractor must submit a second pre-production samples within 15 calendar days of notification of rejection from the Technical Authority.
3. If the pre-production sample is accepted by either full acceptance or conditional acceptance, the Contractor must proceed with production as per the Contract requirements.
4. Rejection by the Technical Authority of the second pre-production sample submitted by the Contractor for failing to meet the contract requirements will be grounds for termination of the Contract for default.
5. The Contractor must carry out all required inspection and tests to verify conformance to the technical requirements of the Contract.
6. In addition to providing the pre-production sample(s), the Contractor must provide laboratory test reports **and** Certificates of compliance, as applicable, to the Contracting Authority and Technical Authority, transportation charges prepaid, and without charge to Canada.
7. The pre-production sample(s) submitted by the Contractor will remain the property of Canada.
8. The Technical Authority will notify the Contractor, in writing, of the full acceptance, conditional acceptance, or rejection of the pre-production samples. A copy of this notification will also be provided by the Technical Authority to the Contracting Authority. The notice of the full acceptance or conditional acceptance does not relieve the Contractor from complying with all requirements and conditions of the Contract.
9. The Contractor must not commence or continue with production of the items and must not make any deliveries until the Contractor has received a written notification from the Technical Authority that the pre-production sample(s) is/are fully acceptable or conditionally acceptable. Any production of items before pre-production sample acceptance will be at the sole risk of the Contractor.

6.20 Specifications and Standards

6.20.1 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://assistdocs.com/search/search_basic.cfm

6.20.2 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>

6.21 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**

A.1. TECHNICAL REQUIREMENT

The Contractor is required to provide Canada for the Department of National Defence (DND) with Search and Rescue Technician Helmet Systems in accordance with the Annex D-Technical Statement of Work for Search and Rescue (SAR) Technician Helmet System (STHS).

A.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 Attention: Accounts payable

A.3. DELIVERABLES

CONTRACT QUANTITY

Firm Quantity

Item	Description	Firm Quantity	Unit of Issue	Firm Unit Price, FCA, Transportation costs excluded, Applicable taxes extra
1	Search and Rescue Helmet System	200	Each	\$ _____

Size roll to be provided after contract award.

ITEM #2 "AS AND WHEN REQUESTED" QUANTITY-RECOMMENDED SPARE PARTS LIST

Refer to Annex E (item 2)

OPTION

Item	Description	Estimated Quantity	Unit of Issue	Firm Unit Price, FCA, Transportation costs excluded, Applicable taxes extra
3	Search and Rescue Helmet System	Up to 100 total	Each	Year 1 \$ _____ Year 2 \$ _____ Year 3 \$ _____

Year 1: ordered within 12 months from contract award

Year 2: ordered within 13-24 months from contract award

Year 3: ordered within 25-36 months from contract award

A.4 “AS AND WHEN REQUESTED” QUANTITIES - RECOMMENDED SPARE PARTS LIST (Item #2)

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

Order for “as and when requested” quantities will be made on Form 942.

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

The delivery of the “as and when requested” quantities must be made within 30 calendar days after receipt of the order document.

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

Order Limitation

“As and when requested” orders must not exceed \$ (to be established at contract).

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.

A.5 OPTION QUANTITY - Identified as Item 3

The Contractor grants to Canada the irrevocable option to acquire the goods described under item 3 and 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 up to a maximum of 100% of the Estimated Quantity (for all amendments in total) and will be evidenced through a contract amendment.

The Contracting Authority may exercise the option within 36 months after contract award date by sending a written notice to the Contractor.

Multiple amendments may result.

Solicitation No. - N° de l'invitation
W8485-174411/A
Client Ref. No. - N° de réf. du client
W8485-174411

Amd. No. - N° de la modif.
File No. - N° du dossier
pr714.W8485-174411

Buyer ID - Id de l'acheteur
pr714
CCC No./N° CCC - FMS No./N° VME

ANNEX "B" to PART 3 OF THE BID SOLICITATION

ELECTRONIC PAYMENT INSTRUMENTS

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

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

**ANNEX "C" to PART 5 OF THE BID SOLICITATION
FEDERAL CONTRACTORS PROGRAM FOR EMPLOYMENT EQUITY - CERTIFICATION**

I, the Bidder, by submitting the present information to the Contracting Authority, certify that the information provided is true as of the date indicated below. The certifications provided to Canada are subject to verification at all times. I understand that Canada will declare a bid non-responsive, or will declare a contractor in default, if a certification is found to be untrue, whether during the bid evaluation period or during the contract period. Canada will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply with any request or requirement imposed by Canada may render the bid non-responsive or constitute a default under the Contract.

For further information on the Federal Contractors Program for Employment Equity visit [Employment and Social Development Canada \(ESDC\)-Labour's](#) website.

Date: _____(YYYY/MM/DD) (If left blank, the date will be deemed to be the bid solicitation closing date.)

Complete both A and B.

A. Check only one of the following:

- A1. The Bidder certifies having no work force in Canada.
- A2. The Bidder certifies being a public sector employer.
- A3. The Bidder certifies being a federally regulated employer being subject to the Employment Equity Act.
- A4. The Bidder certifies having a combined work force in Canada of less than 100 permanent full-time and/or permanent part-time employees.

A5. The Bidder has a combined workforce in Canada of 100 or more employees; and

- A5.1. The Bidder certifies already having a valid and current Agreement to Implement Employment Equity (AIEE) in place with ESDC-Labour.

OR

- A5.2. The Bidder certifies having submitted the Agreement to Implement Employment Equity (LAB1168) to ESDC-Labour. As this is a condition to contract award, proceed to completing the form Agreement to Implement Employment Equity (LAB1168), duly signing it, and transmit it to ESDC-Labour.

B. Check only one of the following:

- B1. The Bidder is not a Joint Venture.

OR

- B2. The Bidder is a Joint Venture and each member of the Joint Venture must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification. (Refer to the Joint Venture section of the Standard Instructions)

ANNEX D
TECHNICAL STATEMENT OF WORK
FOR
SEARCH AND RESCUE (SAR) TECHNICIAN
HELMET SYSTEM (STHS)

RDIMS # 1664261 v7

SCOPE

This Statement of Work (SOW) is to define the requirements that apply to the provision of a cranial and facial protection system here after referred to as a Search and Rescue Technician Helmet system (STHS).

Background

SAR Techs are mandated to conduct rescue operations from Fixed Wing (FW) and Rotary Wing (RW) SAR aircraft. SAR Techs must be able to penetrate an incident site, day or night, during extreme conditions. Incident sites can include open fields, mountainous areas, forests, ice and snow covered terrain, confined areas and fresh or salt bodies of water. Currently in order to conduct effective operations, systems of 6 different helmets are used to provide the maximum protection and efficiency throughout the different phases of the mission. Department of National Defense (DND) has a requirement for a single technologically advanced solution.

APPLICABLE DOCUMENTS

Applicability

The following documents form part of this specification to the extent specified herein, and are supportive of the specification when referenced in Section 3.0 and beyond; all other document references are to be considered supplemental information only. Unless otherwise specified, the issue or amendment of documents effective for the Contract must be those in effect on the date of the Contract Award. In the event of a conflict between the documents referenced herein and the contents of the specification, then the contents of the specification must take precedence.

- (a) MIL-HDBK-61A Configuration Management Guidance (www.everyspec.com);
- (b) B-GA-209-001/FP-001, 30 Sep 2014 - Canadian Aeronautical and Maritime Search and Rescue Manual (CAMSAR);
- (c) AECTP-230 (Edition 1) - Climatic Conditions;
- (d) D-01-400-002/SF-000 - Specification for Levels of Engineering Drawings and Associated Lists; and
- (e) D-02-002-001/SG-001 - Canadian Forces Standard Identification Marking of Canadian Military Property.

Terminology

The following is a list of acronyms that can be used in this SOW or any communication regarding this SOW:

- (e) AC Aircraft

(f)	ASTM	American Society for Testing of Materials
(g)	CEP	Communication Ear Plugs
(h)	CSA	Canadian Standards Association
(i)	DND	Department of National Defense
(j)	EAD	External Attachment Devices
(k)	FW	Fixed Wing
(l)	ILS	Integrated Logistic Support
(m)	ISO	International Standards Organization
(n)	NRR	Noise Reduction Rating
(o)	NSN	NATO Stock Number
(p)	RCAF	Royal Canadian Air Force
(q)	RW	Rotary Wing
(r)	SAR	Search and Rescue
(s)	SOR	Statement of Requirements
(t)	SOW	Statement of Work
(u)	STHS	Search and Rescue Technician Helmet System
(v)	TA	Technical Authority
(w)	UHF	Ultra-High Frequency
(x)	VHF	Very High Frequency

OBJECTIVE

3.1 Purpose. The purpose of this SOW is for the procurement of a safe, reliable, and functional STHS to support operational requirements for SAR operations.

3.1.1 This SOW will provide for initial provisioning of STHS as well as Integrated Logistics Support (ILS);

3.1.2 This SOW will provide a performance and material specification addressing the needs of the operational Statement of Requirement (SOR) to:

- (a) identify the technical design requirements for the STHS; and
- (b) identify the standards, specification requirements, and the verification methods that will be used to technically validate the compliance of the STHS to the specification.

3.2 Scope. This SOW establishes the requirements for the operational performance, design, verification, maintainability, quality assurance, and operability for the new STHS, for procurement purposes of 200 units. The nature of work to be performed by the STHS provider under this SOW involves providing:

- (a) Delivery of new STHS units;
- (b) Ancillary Equipment;
- (c) Recommendation for Spare Parts;
- (d) Production and delivery of operating and maintenance manuals free of Intellectual property rights that would restrict DND's use of the information for its purposes;
- (e) Initial cadre training support;
- (f) Course syllabus and material to allow regenerative training by qualified CAF personnel; and
- (g) Documentation of the performed work and delivered product.

3.3 Intended Use. The STHS is intended as a replacement system for the 6 Helmet systems currently in use by SAR units.

REQUIREMENTS

4.1 The STHS must comply with the following technical requirements. Compliance to the below requirements will be subject to formal field testing by DND;

- (a) The STHS system must include a fit system that provides for varying head shapes throughout the range of sizes while wearing a diving hood, balaclava or with an uncovered head. The size range will cover from small to extra-large ;
- (b) Provide for retention during parachuting, hoisting, mountain climbing/repelling, and swimming in conditions of high wind blast, rotor wash, in water, treed areas, open land, in dry, snow or ice covered conditions;
- (c) Provide, cranial impact protection/attenuation and comfort throughout all mission scenarios as indicated in 4.1 (b);
- (d) Protect the wearers face and eyes and not cause the wearer's vision to be obscured nor result in any unwanted adverse contact with the wearer's head or neck when there is maximum amount of STHS displacement in operational use while allowing for the wearer to make adjustments with one hand while wearing gloves. It must allow for unobscured vision in high light day time and very low light night time conditions, It must not interfere with the wearing of personal prescription eyewear;
- (e) Accommodate fitment of EADs (External Attachment Devices) if any, securely and stable throughout all mission scenarios as indicated in 4.1(b). EADs if any will be easily adaptable and changeable by SAR Techs to function during the different phases of the particular mission as it changes;
- (f) Must not create a snagging situation for the wearer during the conduct of the mission with any of the other equipment used to enact a successful rescue;
- (g) Provide secure facial and visual protection through the range of missions conducted from FW and RW AC throughout all scenarios as indicated in 4.1 (b);
- (h) Must transmit over UHF and VHF frequencies with noise abatement;
- (i) Provide noise reduction hearing protection without inhibiting communications and allow for talk through communication with the rescuer and casualty. It must provide a minimum Noise Reduction Rating (NRR) of 23dBA of sound attenuation to minimize the potential for hearing loss in frequencies from 31.5 to 300 Hz. It must provide a minimum NRR of 7dBA of sound attenuation to minimize the potential for hearing loss in frequencies from 300 to 4000 Hz. As per section 7.4 of the Canadian Labour Code 87dBA of sound attenuation. If the STHS communication solution includes CEPs the interface between the STHS and CEP must be wireless;
- (j) Be compatible with the existing intercom systems on RCAF FW and RW aircraft and allow communication between SAR Techs and to the aircrew using VHF/UHF radio when outside of the FW and RW aircraft.
- (k) Allow for wireless communication while the wearer is conducting operations external to the AC platform;
- (l) The STHS communication system must be waterproof and fully functional in all climatic conditions including water spray, rainfall, high winds, snow and freezing rain;
- (m) The STHS communication system must be fully functional after being submerged in three meters of fresh or salt water for a period of five (5) minutes;
- (n) Provide a positive indication to the wearer, either sound or physical, when the retention system is engaged;
- (o) Material that comes into contact with SAR Tech must be such that it prevents sweating in warmer temperatures and warms quickly in colder temperatures;
- (p) The STHS colour must be the high visibility international orange colour used on other SAR Tech clothing and equipment or have other means such as reflective material or lighting for high visibility;
- (q) It must be no greater than four (4) pounds in final configuration with all EADs if any;
- (r) The STHS components must be durable and sustain multiple user training and mission scenarios with minimum replacement of parts over its life;
- (s) Constructed of non-hazardous materials that do not cause skin irritation or allergic reaction to wet or dry skin and do not pose a health risk or toxic hazard to the user under normal conditions or as a result of damage to the equipment while wearing, maintaining or repairing the STHS;

- (t) All components of the STHS must provide for ease of maintenance as to allow RCAF users and technicians to carry out routine inspection and maintenance in accordance with supplier instructions;
- (u) The STHS must have a shelf life when stored in the manufacturer's original packaging of not less than ten (10) years and while following supplier maintenance instructions, the STHS must remain serviceable for a minimum of ten (10) years;
- (v) The STHS must permit the rapid and easy removal and replacement of components by the user without the requirement for special skills or tools other than standard hand tools (i.e. screwdriver, wrench, etc.);
- (w) The STHS must not require special disposal procedures;
- (x) The STHS must be protected against corrosion and deterioration caused by atmospheric conditions, water and airborne corrosive agents and salt water; and
- (y) The STHS must support cleaning by wipe down with mild soap and water using a cloth and/or brush

DELIVERABLES

5.1 The manufacturer must provide DND with one (1) hard copy and one electronic reproducible copy of the following technical data:

- (a) the complete description of the STHS, including detailed description drawings (level 1) in accordance with D-01-400-002/SF-000, showing all components, part numbers, material identification, "exploded views", and associated specifications, cross referencing part names and part numbers. If part numbers applied to the equipment are company explicit and have a common industry standard part number associated with it, both part numbers must be displayed. (Example. NAS, MS etc.);
- (b) the user operating and care instructions;
- (c) the maintenance instructions, including information regarding inspection, testing, repair, recommended inspection intervals, and service life; and
- (d) the fitting and sizing procedures.

5.2 The manufacturer must provide three (3) complete STHS ranging from medium to extra-large.

- (a) the Contractor must submit and maintain to DND a Recommended Spare Parts List applicable to the parts breakdown as indicated in the OEM maintenance manual. The document must also provide for each component the Part Number and associated NSN if available, the replacement cost and the manufacturer and shelf life if any.
- (b) the recommended Spare Parts List must include but not limited to the following information for each item (in MS Excel format):
 - i. Item Name;
 - ii. Manufacturer Part Number (MPN);
 - iii. Price;
 - iv. Volume;
 - v. Weight; and
 - vi. Shelf Life (if applicable).
- (c) company specific part numbers that carry a common industry associated part numbers must have both part numbers listed

5.3 Identification marking information for each STHS must be permanently marked in accordance with D-02-002-001/SG-001. Unless otherwise specified, all STHS markings must be made from permanent, black, non-migrating ink. The ink must have no deleterious effect on the surface marked. Characters must be not less than 1.6 mm (1/16 inch) or more than 3.2 mm (1/8 inch) high.

5.4 Each STHS must have a waterproof bilingual identification label on the inner side of the STHS. The label must be marked with the following information:

- (a) Item Name;
- (b) NATO Stock Number;
- (c) Size;
- (d) Contract Number;
- (e) Date of Manufacture;
- (f) Manufacturer's Name; and
- (g) Serial Number.

QUALITY ASSURANCE PROGRAM

6.1 Applicability: The specifics related to quality assurance and production performance are applicable to all manufacturing and deliverables related to DND procurements as part of this statement of work except where explicitly stated otherwise.

6.2 Quality Assurance (QA): DND reserves the right to perform any verification or validation activities deemed necessary to confirm that the materials and services conform to the specification and the Contract requirements. The Contractor must:

- (a) establish, implement, document and maintain a quality system that ensures conformance to contractual requirements and meets the requirements of the ISO 9001 or an equivalent quality system model during performance of the Contract; and
- (b) conduct quality conformance inspections and tests during manufacture in accordance with the Contractor's standard acceptance test plan. Details of the test plan and documentation of all inspections/tests are to be provided to DND upon request.

6.3 Configuration Control: The Contractor must have an established, DND verifiable, Configuration Management Program with control systems in place in accordance with MIL-HDBK-61A, and must provide configuration identification, control and status accounting of all new and/or modified hardware and documentation. All Helmets delivered must have the same product baseline and support interchangeability/interoperability of parts. The established product baseline must be maintained during repair and any deviation from the baseline must be approved in advance by the TA.

INTEGRATED LOGISTIC SUPPORT

7.1 Training and Support: The Contractor must provide to DND, initial Cadre training and support for the STHS. On request by DND, the Contractor must also make available a Technical Representative (Tech Rep) who is fully knowledgeable with the operation and maintenance of the STHS.

7.2 CADRE Training: The initial cadre training provided by the Contractor must take place at a location TBD after initial contract award as per the contractor proposal. The training must include but may not be limited to: introduction, description, maintenance, inspection, testing, repair, fitting, cleaning, operation and use of the STHS. The Contractor must provide DND with an initial cadre training package for both operators and technicians which must include:

- (a) a training package to initially field the system with DND qualified personnel; and
- (b) a course package to allow DND regenerative training by qualified personnel.

APPENDIX 1 TO ANNEX «D»

TECHNICAL EVALUATION PLAN

FOR THE SEARCH AND RESCUE (SAR) TECHNICIAN

HELMET SYSTEM (STHS)

1.0 INTRODUCTION

1.1. General Information:

The Director Aerospace Equipment Program Management (DAEPM) Fighters and Trainers (FT) 6 is responsible for managing various pieces of equipment concerning a wide variety of applications used by Search and Rescue (SAR) in efforts to save human life in response to emergency situations across Canada and in Canada's waterways and oceans. As such the SAR community has a requirement for a single technologically advanced mission specific STHS to support training and operations and will replace the current six different helmet systems employed by SAR Technician (Techs) that do not meet all of the SAR Tech protection or operational requirements either singly or collectively.

2.0 EVALUATION CONCEPT

2.1. Evaluation Methodology:

The evaluation will take place in three (3) parts as follows:

- (c) Part 1 – Technical Evaluation: Response information provided by the bidders will be evaluated and the status of the resulting evaluation criteria is as Pass/Fail. All successful candidates of this part will have their proposed equipment/item/system forwarded to part two (2) of the evaluation.
- (d) Part 2 – Operational Testing and Evaluation: Proposed equipment/item/system will be field tested, evaluated and rated by SAR Techs carrying out actual SAR training and mission scenarios using the equipment and manuals. These will receive a rating and the rating will be weighted. Equipment not receiving a rating of five (5), in any category, will be considered non-compliant.
- (e) Part 3 – Financial Evaluation: This part will be completed by Public Services and Procurement Canada (PSPC) evaluating the cost quotes and ranking them highest to lowest while applying the rating obtained in part two (2) of the evaluation.

3.0 SCORING THE PROPOSAL

3.1. Mandatory Requirement:

The technical evaluation consists of 25 mandatory requirements:

3.2. Rated Requirement:

The technical evaluation consists of 19 rated requirements:

3.3. Methodology:

The bidder will be required to provide the technical data package for their equipment to include the operations and maintenance manuals as well as sealed samples of their equipment for evaluation in part two (2). Equipment provided by bidders that did not meet the mandatory requirements of part one (1) will have their equipment returned unopened. Equipment supplied by the Bidders that moves forward to part two (2) will not be returned. It will be destroyed on completion of the testing and contract award as the

serviceability of the item cannot be guaranteed. The rating results of part two (2) will be forwarded to PSPC to be applied to the financial evaluation process of part three (3).

4.0 EVALUATION INSTRUCTIONS

4.1. Bid Proposal Technical Data Package

The following data must be provided with the bid proposal:

- (f) A copy of the drawing of the proposed equipment to include any external devices and any attachments;
- (g) A copy of the user's/operator's and maintenance manuals on CD and in PDF format;
- (h) Three (3) sealed samples of the current version of the proposed equipment (size TBD) for evaluation in part two (2) including any externals and attachments required to carry out the full range of testing; and
- (i) A copy of any certifications the equipment holds or the test data that shows the equipment meets the requirements as stated in the SOW.

4.2. Evaluator Form:

See Enclosure 1

**ENCLOSURE 1 OF APPENDIX 1 TO ANNEX D
PART 1 - Mandatory Technical Criteria Screening
BID EVALUATION FORM
FOR THE SEARCH AND RESCUE (SAR) TECHNICIAN
HELMET SYSTEM (STHS)**

Date:

Evaluator:

Bidder:

Table 1: Compliance Matrix – Mandatory

Item #	Mandatory Requirement	Evaluation Criteria	Compliant (Y/N)
1	SOW 4.1(a) The STHS system must include a fit system that provides for varying head shapes throughout the range of sizes while wearing a diving hood, balaclava or with an uncovered head. The size range will cover from small to extra-large.	Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal.	
2	SOW 4.1.(b) Provide for retention during parachuting, hoisting, mountain climbing/repelling, and swimming in conditions of high wind blast, rotor wash, in water, treed areas, open land, ,in dry ?, snow or ice covered conditions.	Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal.	
3	SOW 4.1(c) Provide, cranial impact protection/attenuation and comfort throughout all mission scenarios as indicated in 5.1 (b).	Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal.	
4	SOW 4.1(d) Protect the wearers face and eyes and not cause the wearer's vision to be obscured nor result in any unwanted adverse contact with the wearer's head or neck when there is maximum amount of STHS displacement in operational use while allowing for the wearer to make adjustments with one hand while wearing gloves. It must allow for unobscured vision in high light day time and very low light night time conditions. It must not interfere with the	Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal.	

	wearing of personal prescription eyewear.		
5	SOW 4.1 (e). Accommodate fitment of EADs (External Attachment Devices) if any, securely and stable throughout all mission scenarios as indicated in 5.1(b). EADs if any will be easily adaptable and changeable by SAR Techs to function during the different phases of the particular mission as it changes	Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal.	
6	SOW 4.1 (f) Must not create a snagging situation for the wearer during the conduct of the mission with any of the other equipment used to enact a successful rescue.	Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal.	
7	SOW 4.1 (g) Provide secure facial and visual protection through the range of missions conducted from FW and RW AC throughout all scenarios as indicated in 5.1 (b);	Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal.	
8	SOW 4.1.(h) Have that the capability to transmit over UHF and VHF frequencies with noise abatement.	Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal.	
9	SOW 4.1 (i) Provide noise reduction hearing protection without inhibiting communications and allow for talk through communication with the rescuer and casualty. It must provide a minimum Noise Reduction Rating (NRR) of 23dBA of sound attenuation to minimize the potential for hearing loss in frequencies from 31.5 to 300 Hz. It must provide a minimum NRR of 7dBA of sound attenuation to minimize the potential for hearing loss in frequencies from 300 to 4000 Hz. As per section 7.4 of the Canadian Labour Code 87dBA of sound attenuation. If the STHS communication solution includes CEPs the interface between the STHS and CEP must be wireless.	Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal.	
10	SOW 4.1 (j) Be compatible with the existing intercom systems on RCAF FW and RW aircraft and allow communication between SAR Techs and to the aircrew using VHF/UHF radio when outside of the FW and RW aircraft.	Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal.	

11	SOW 4.1. (k) Allow for wireless communication while the wearer is conducting operations external to the AC platform.	Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal.	
12	SOW 4.1. (l) The STHS communication system must be waterproof and fully functional in all climatic conditions including water spray, rainfall, high winds snow and freezing rain	Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal.	
13	SOW 4.1. (m) The STHS communication system must be fully functional after being submerged in three meters of fresh or salt water for a period of five (5) minutes.	Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal.	
14	SOW 4.1. (n) Provide a positive indication to the wearer, either sound or physical, when the retention system is engaged	Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal.	
15	SOW 4.1. (o) Material that comes into contact with SAR Tech must be such that it prevents sweating in warmer temperatures and warms quickly in colder temperatures.	Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal.	
16	SOW 4.1. (p) The STHS colour must be the high visibility international orange colour used on other SAR Tech clothing and equipment or have other means such as reflective material or lighting for high visibility	Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal.	
17	SOW 4.1. (q) It must be no greater than four (4) pounds in final configuration with all EADs if any	Does the bidder state that they comply with the requirement and provide documentation as to the weight.	
18	SOW 4.1. (r) The STHS components must be durable and able to sustain multiple user training and mission scenarios with minimum replacement of parts over its life	Does the bidder state that they comply with the requirement and component material information that supports why the equipment is durable.	
19	SOW 4.1. (s) Constructed of non-hazardous materials that do not cause skin irritation or allergic reaction to wet or dry skin and do not pose a health risk or toxic hazard to the user under normal conditions or as a result of damage to the equipment while wearing, maintaining or repairing the STHS	Does the bidder state that they comply with the requirement and provide a complete list of materials that show the materials are nonhazardous.	
20	SOW 4.1. (t) All components of the STHS must provide for ease of maintenance as to allow RCAF users	Does the bidder state that they comply with the requirement and make statement to average times to complete	

	and technicians to carry out routine inspection and maintenance in accordance with supplier instructions.	typical maintenance activities.	
22	SOW 4.1. (v) The STHS must permit the rapid and easy removal and replacement of components by the user without the requirement for special skills or tools other than standard hand tools (i.e. screwdriver, wrench, etc.);	Does the bidder state that they comply with the requirement and provide documentation or proof in their proposal.	
23	SOW 4.1. (w) The STHS must not require special disposal procedures.	Does the bidder state that they comply with the requirement. Does the bidders list of material for the equipment contain materials that would indicate special case disposal action. I.E. Hazardous materials.	
24	SOW 4.1. (x) Must be protected against corrosion and deterioration caused by atmospheric conditions, water and airborne corrosive agents and salt water.	Does the bidder state that they comply with the requirement and provide material information that supports it.	
25	SOW 4.1.(y) The STHS must support cleaning by wipe down with mild soap and water using a cloth and/or brush	Does the bidder state that they comply with the requirement. Does there maintenance manual cover cleaning and does it support the statement.	

PART 2 - OPERATIONAL TESTING

The following rating scale will be used Table 2 below.

- 1 – Totally unacceptable
- 2 – Unacceptable
- 3 – Slightly unacceptable
- 4 – Neutral
- 5 – Slightly acceptable
- 6 – Acceptable
- 7 – Perfectly Acceptable

Table 2: Compliance Matrix – Rated

Item #	Rated Requirement	Evaluation Criteria	Rating 1-7	Weight 01-10	Score R x W
1	Helmet fit	The helmet fits comfortably. It adjusts easily to allow wearing of balaclava, wet suit hood or bare headed. No size change required to accommodate the three different configurations. The helmet will be worn for three hour duration with removal at the 1 hour interval to go to a configuration with a balaclava and repeated with the wet suit hood.			
2	Retention	The helmet fits securely on the head and stays in place during repelling, climbing, parachuting, water entry and while swimming. Water entry will be conducted at base pool from the high diving platform. Repelling and climbing will be carried out in the local area using standard equipment techniques and procedures used in a mountain rescue training scenario. Para will be conducted from an authorized RCAF para platform performing an authorized training mission with authorized para gear.			
3	Cranial protection	Provide ample protection from direct impact by a falling			

		object or from a fall. The helmets will be rated thorough out testing scenarios and evaluated for the area of cranial and facial coverage provided as well as any impact and shock absorbance. It will be inspected for damage such as breakthrough after any scenario where helmet contact occurred. This will be rated during multiple scenarios and results accumulated and averaged.			
4	Face and eye protection	Provides adequate protection to wearers face and eyes. Allows for unobscured visibility in bright daylight and in very low ambient light at night. Interfaces well with personal prescription eyewear. Helmet system will be rated throughout different training scenarios to rate light conditions and will be rated during para scenarios for facial and eye protection. It will be rated during hoisting operations to the ground under rotor wash conditions. Ratings will be accumulated and averaged			
5	Fitment of EADs (External Attachment Devices)	Securely accommodates EADs, as required in all operating environments (live para, hoisting, climbing/repelling and swimming) and provides retention to devices in high winds, rotor wash, in water, dense treed areas and in cold, ice and snowy conditions. EADs can be easily changed to suit various mission phases.			
6	Snagging hazard	Minimal risk of snag hazard in all operating environments. Complete helmet ensemble will be rated during Para phases and mountain rescue phases in the configuration			

		applicable to the training mission. Snagging hazards will be evaluated documented and rated.			
7	Compatible with intercom systems and capable of ground to air transmission on UHF as well as VHF frequencies. System will remain functional after being submerged.in 3 meters of water for 5 minutes.	Compatible with existing intercom systems on FW and RW aircraft and capable of transmitting during all phases of pre and post deployment over UHF and VHF frequencies with no noise reduction. Evaluation will be conducted on both rotor and fixed wing platforms during pre-deployment, post-deployment (hoist and para descent) and once on the ground and while conducting water work. The helmet system will be submerged in water for 5 minutes donned after dry testing has been conducted and functionally tested to an AC platform.			
8	Hearing protection and communications	Provides adequate hearing protection without inhibiting communications. Allows for talk through communications between rescuer and casualty. If helmet system communications solution included CEPs, the interface between the STHS and CEP must be wireless. Evaluation will be conducted on both rotor and fixed wing platforms during pre-deployment, post-deployment (hoist and para descent) and once on the ground and while conducting water work. User will carry on conversation with a simulated patient to test the talk through capability.			
9	Wireless communications	Allows for wireless communications while the wearer is operating outside of the AC platform. Evaluation will be conducted on both rotor			

		and fixed wing platforms during pre-deployment, post-deployment (hoist and para descent) and once on the ground and while conducting water work.			
10	Operability in all environmental operating conditions	Water proof and fully functional in all climatic conditions (water spray, rainfall, high winds, freezing rain and in subzero temperature) Evaluation must be conducted in as many operating environments as reasonably possible to include boat hoisting, water hoisting and while operating under a helicopter in the hover to simulate high winds.			
11	Retention system engagement indication	Provides either sound or physical indication when retention system is engaged. System will be evaluated throughout scenarios. Results will be accumulated and averaged for a final rating.			
12	Temperature comfort	Next to skin material must prevent sweating in warmer temps and warms quickly in colder temperatures. Helmet to be worn at room temperature for 1 hour while evaluators conduct the rigors of mission equipment preparation work and rated to comfort with regards to heat. Helmet will be cold soaked in a freezer for a minimum of 5 hours. Item will be immediately donned once removed from the freezer and the SAR tech will record the time it takes for the helmet to warm to an acceptable comfort level and usability.			
13	Color, lighting and or visibility	Wearer can be easily identified from the air through color by day and illumination and reflective material by night. Evaluation will be conducted			

		with operators on the ground wearing helmet while visibility is assessed from the air during both day and night in a variety of terrain types including water.			
14	Weight	Must not exceed 4 lbs with EADs attached, if any. EADs will be fitted to the helmet and the Helmet System will be weighed.			
15	Durability	Helmet will hold up to the rigors of the evaluation period with exposure in all operational fields without components requiring replacement. Helmets will be inspected after evaluation is complete. Damage will be recorded and scored. Any maint action required during the evaluation process will be documented and scored as to the criticality, reoccurrence and level of effort.			
16	Non-hazardous and non-irritating materials	Material does not cause irritation or allergic reaction to wearer's wet or dry skin. This will be evaluated throughout the full spectrum of testing. Any reaction will be documented and assessed.			
17	Ease of maintenance, inspection and removal and replacement of components	Parts and components can be replaced and maintenance be carried out with ease by users and maintenance technicians. Wearer must be able to remove and replace components with ease without the use of special tools other than screwdriver or wrench. Evaluator will remove and reinstall various components that have been identified as replaceable within the OEM manual and rate the level of effort required.			
18	Corrosion protection	Helmet system will be inspected for evidence of			

		corrosion at the completion of all testing and results documented.			
19	Cranial protection	At the completion of field evaluation the helmet system will be sent to CFEME in Toronto and the helmet will be subjected to progressive testing to the requirements to meet UIAA-106 for retention Energy absorption, slippage and penetration. Equipment score will be exempt of the requirement to achieve a rating of 6. The individual scoring for each test point will be added to the achieved score of the field evaluation for the same requirement.			

