



## 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

### Vendor/Firm Name and Address

### Raison sociale et adresse du

### fournisseur/de l'entrepreneur

### Issuing Office - Bureau de distribution

Defence Communications Division. (QD)

11 Laurier St./11, rue Laurier

Place du Portage, Phase III, 8C2

Gatineau, Québec K1A 0S5

<b>Title - Sujet</b> ISSP End User Device Integrated Soldier System End User Device (ISSP-EUD)	
<b>Solicitation No. - N° de l'invitation</b> W8476-226530/A	<b>Date</b> 2022-08-18
<b>Client Reference No. - N° de référence du client</b> W8476-226530	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$QD-030-28783	
<b>File No. - N° de dossier</b> 030qd.W8476-226530	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> Eastern Daylight Saving Time EDT <b>on - le 2022-09-27</b> Heure Avancée de l'Est HAE	
<b>F.O.B. - F.A.B.</b> Specified Herein - Précisé dans les présentes <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input checked="" type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Xiao, Tanya	<b>Buyer Id - Id de l'acheteur</b> 030qd
<b>Telephone No. - N° de téléphone</b> (819) 420-1775 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>  Specified Herein Précisé dans les présentes	

Instructions: See Herein

Instructions: Voir aux présentes

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

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Client Ref. No. - N° de réf. du client  
W8486-226530

Amd. No. - N° de la modif.  
File No. - N° du dossier  
030qd.W8486-226530

Buyer ID - Id de l'acheteur  
030QD  
CCC No./N° CCC - FMS No./N° VME

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## **INTEGRATED SOLDIER SYSTEM**

### **For the Acquisition and Support of Integrated Soldier System End User Device (ISS EUD)**

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## **PART 1 - GENERAL INFORMATION**

### **1.1 Introduction**

The bid solicitation is divided into six parts plus attachments and annexes, as follows:

- Part 1 General Information: provides a general description of the requirement;
- Part 2 Bidder Instructions: provides the instructions, clauses and conditions applicable to the bid solicitation;
- Part 3 Bid Preparation Instructions: provides Bidders with instructions on how to prepare their bid;
- Part 4 Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria that must be addressed in the bid, and the basis of selection;
- Part 5 Certifications and Additional Information: includes the certifications and additional information to be provided;
- Part 6 Resulting Contract Clauses: includes the clauses and conditions that will apply to any resulting contract.

### **1.2 Summary**

#### **1.2.1 Requirement**

The Integrated Soldier System (ISS) is a system in use by the Canadian Armed Forces (CAF) that supports the mission of the dismounted soldier by providing situational awareness and better command execution. The basic configuration of the ISS is composed of an End User Device (EUD); a radio; a Hub; and battery. The system can expand its operational capabilities by adding additional sensors to the ISS. The EUD is an important component to the ISS, as it provides the dismounted soldier with a battle management system featuring a tactical and visual user interface of the battlefield furthering their situational awareness.

#### **1.2.2 The Federal Contractors Program (FCP)**

The Federal Contractors Program (FCP) for employment equity applies to this procurement; refer to Part 5 – Certifications and Additional Information, Part 7 - Resulting Contract Clauses and the annex titled Federal Contractors Program for Employment Equity - Certification.”.

#### **1.2.3. CPC Connect**

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

### **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 via virtual conference .

## 1.4 Phased Bid Compliance Process

The Phased Bid Compliance Process applies to this requirement.

## 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) (<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](#) (2022-03-29) 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

The [2003-1](#) (2015-04-01) Supplemental Standard Instructions - Telecommunications, are incorporated by reference into and form part of the bid solicitation.

#### 2.1.1 SACC Manual Clauses

B4061C (2008-05-12) North Atlantic Treaty Organization Codification – Data Requirements  
B7500C (2006-06-16) Excess Goods  
C2000C (2007-11-30) Taxes - Foreign-based Contractor  
C2604C (2013-04-25) Customs Duties, Excise Taxes and Applicable Taxes – Non Resident  
C2605C (2008-05-12) Canadian Customs Duties and Sales Tax – Foreign-based Contractor  
C2610C (2007-11-30) Custom Duties – Department of National Defence - Importer  
C2800C (2013-01-28) Priority Rating  
D0050C (2007-05-25) End User Certificate  
D2001C (2007-11-30) Labelling  
D2025C (2017-08-17) Wood Packaging Materials  
D5545C (2019-05-30) ISO 9001:2015- Quality Management Systems (Quality Assurance Code C)  
D5604C (2008-12-12) Release Documents (DND) - Foreign-based Contractor  
D5605C (2021-05-20) Release Documents (DND) - United States-based Contractor  
D5606C (2017-11-28) Release Documents (DND) - Canadian-based Contractor  
D6010C (2007-11-30) Palletization  
D9002C (2007-11-30) Incomplete Assemblies

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## 2.2 Submission of Bids

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

Note: For bidders choosing to submit using Canada Post Corporation's (CPC) Connect service for bids closing at the Bid Receiving Unit in the National Capital Region (NCR) the email address is:

[tpsgc.pareceptiondessomissions-apbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca](mailto:tpsgc.pareceptiondessomissions-apbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca)

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

## 2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than 5 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 Improvement of Requirement During Solicitation Period

Should bidders consider that the specifications or Statement of Work contained in the bid solicitation could be improved technically or technologically, bidders are invited to make suggestions, in writing, to the Contracting Authority named in the bid solicitation. Bidders must clearly outline the suggested improvement as well as the reason for the suggestion. Suggestions that do not restrict the level of competition nor favour a particular bidder will be given consideration provided they are submitted to the Contracting Authority at least 10 days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

## 2.6 Bid Challenge and Recourse Mechanisms

- (a) Several mechanisms are available to potential suppliers to challenge aspects of the procurement process up to and including contract award.

- (b) Canada encourages suppliers to first bring their concerns to the attention of the Contracting Authority. Canada's [Buy and Sell](#) website, under the heading "[Bid Challenge and Recourse Mechanisms](#)" contains information on potential complaint bodies such as:
- Office of the Procurement Ombudsman (OPO)
  - Canadian International Trade Tribunal (CITT)
- (c) Suppliers should note that there are **strict deadlines** for filing complaints, and the time periods vary depending on the complaint body in question. Suppliers should therefore act quickly when they want to challenge any aspect of the procurement process.

## PART 3 - BID PREPARATION INSTRUCTIONS

### 3.1 Bid Preparation Instructions

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

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

Section I: Technical Bid  
Section II: Financial Bid  
Section III: Certifications

If the Bidder provided through epost Connect service, the wording of the electronic copy provided through epost Connect service will have priority over the wording of the other copies.

#### Section I: Technical Bid

In their technical bid, Bidders should demonstrate their understanding of the requirements contained in the bid solicitation and explain how they will meet these requirements. Bidders should demonstrate their capability in a thorough, concise and clear manner for carrying out the work.

The technical bid should 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 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 in Annex "".

##### 3.1.1 Electronic Payment of Invoices – Bid

Electronic Payment Instruments complete Annex "C" Electronic Payment Instruments, to identify which ones are accepted.

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

##### 3.1.2 Exchange Rate Fluctuation

C3010T (2014-11-27), Exchange Rate Fluctuation Risk Mitigation,



### 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 Phased Bid Compliance Process (PBCP)

#### 4.1.1 General

- a) Canada is conducting the Phased Bid Compliance Process described below for this requirement.
- b) Notwithstanding any review by Canada at Phase I or II of the Phased Bid Compliance Process, Bidders are and will remain solely responsible for the accuracy, consistency and completeness of their Bids and Canada does not undertake, by reason of this review, any obligations or responsibility for identifying any or all errors or omissions in Bids or in responses by a Bidder to any communication from Canada.

**THE BIDDER ACKNOWLEDGES THAT THE REVIEWS IN PHASE I AND II OF THIS PHASED BID COMPLIANCE PROCESS ARE PRELIMINARY AND DO NOT PRECLUDE A FINDING IN PHASE III THAT THE BID IS NON-RESPONSIVE, EVEN FOR MANDATORY REQUIREMENTS WHICH WERE SUBJECT TO REVIEW IN PHASE I OR II AND NOTWITHSTANDING THAT THE BID HAD BEEN FOUND RESPONSIVE IN SUCH EARLIER PHASE. CANADA MAY DEEM A BID TO BE NON-RESPONSIVE TO A MANDATORY REQUIREMENT AT ANY PHASE. THE BIDDER ALSO ACKNOWLEDGES THAT ITS RESPONSE TO A NOTICE OR A COMPLIANCE ASSESSMENT REPORT (CAR) (EACH DEFINED BELOW) IN PHASE I OR II MAY NOT BE SUCCESSFUL IN RENDERING ITS BID RESPONSIVE TO THE MANDATORY REQUIREMENTS THAT ARE THE SUBJECT OF THE NOTICE OR CAR, AND MAY RENDER ITS BID NON-RESPONSIVE TO OTHER MANDATORY REQUIREMENTS.**

- c) Canada may, in its discretion, request and accept at any time from a Bidder and consider as part of the Bid, any information to correct errors or deficiencies in the Bid that are clerical or administrative, such as, without limitation, failure to sign the Bid or any part or to checkmark a box in a form, or other failure of format or form or failure to acknowledge; failure to provide a procurement business number or contact information such as names, addresses and telephone numbers; inadvertent errors in numbers or calculations that do not change the amount the Bidder has specified as the price or of any component thereof that is subject to evaluation. This shall not limit Canada's right to request or accept any information after the bid solicitation closing in circumstances where the bid solicitation expressly provides for this right. The Bidder will have the time period specified in writing by Canada to provide the necessary documentation. Failure to meet this deadline will result in the Bid being declared non-responsive.
- d) The PBCP does not limit Canada's rights under Standard Acquisition Clauses and Conditions (SACC) 2003 (2022-03-29) Standard Instructions – Goods or Services – Competitive Requirements nor Canada's right to request or accept any information during the solicitation period or after bid solicitation closing in circumstances where the bid solicitation expressly provides for this right, or in the circumstances described in subsection (c).
- e) Canada will send any Notice or CAR by any method Canada chooses, in its absolute discretion. The Bidder must submit its response by the method stipulated in the Notice or CAR. Responses are deemed to be received by Canada at the date and time they are delivered to Canada by the method

and at the address specified in the Notice or CAR. An email response permitted by the Notice or CAR is deemed received by Canada on the date and time it is received in Canada's email inbox at Canada's email address specified in the Notice or CAR. A Notice or CAR sent by Canada to the Bidder at any address provided by the Bidder in or pursuant to the Bid is deemed received by the Bidder on the date it is sent by Canada. Canada is not responsible for late receipt by Canada of a response, however caused.

#### 4.1.1.2 Phase I: Financial Bid

- a) After the closing date and time of this bid solicitation, Canada will examine the Bid to determine whether it includes a Financial Bid and whether any Financial Bid includes all information required by the solicitation. Canada's review in Phase I will be limited to identifying whether any information that is required under the bid solicitation to be included in the Financial Bid is missing from the Financial Bid. This review will not assess whether the Financial Bid meets any standard or is responsive to all solicitation requirements.
- b) Canada's review in Phase I will be performed by officials of the Department of Public Works and Government Services.
- c) If Canada determines, in its absolute discretion that there is no Financial Bid or that the Financial Bid is missing all of the information required by the bid solicitation to be included in the Financial Bid, then the Bid will be considered non-responsive and will be given no further consideration.
- d) For Bids other than those described in c), Canada will send a written notice to the Bidder ("Notice") identifying where the Financial Bid is missing information. A Bidder whose Financial Bid has been found responsive to the requirements that are reviewed at Phase I, will not receive a Notice. Such Bidders shall not be entitled to submit any additional information in respect of their Financial Bid.
- e) The Bidders who have been sent a Notice shall have the time period specified in the Notice (the "Remedy Period") to remedy the matters identified in the Notice by providing to Canada, in writing, additional information or clarification in response to the Notice. Responses received after the end of the Remedy Period will not be considered by Canada, except in circumstances and on terms expressly provided for in the Notice.
- f) In its response to the Notice the Bidder will be entitled to remedy only that part of its Financial Bid which is identified in the Notice. For instance, where the Notice states that a required line item has been left blank, only the missing information may be added to the Financial Bid, except that, in those instances where the addition of such information will necessarily result in a change to other calculations previously submitted in its Financial Bid, (for example, the calculation to determine a total price), such necessary adjustments shall be identified by the Bidder and only these adjustments shall be made. All submitted information must comply with the requirements of this solicitation.
- g) Any other changes to the Financial Bid submitted by the Bidder will be considered to be new information and will be disregarded. There will be no change permitted to any other Section of the Bidder's Bid. Information submitted in accordance with the requirements of this solicitation in response to the Notice will replace, in full, **only** that part of the original Financial Bid as is permitted above, and will be used for the remainder of the bid evaluation process.
- h) Canada will determine whether the Financial Bid is responsive to the requirements reviewed at Phase I, considering such additional information or clarification as may have been provided by the Bidder in accordance with this Section. If the Financial Bid is not found responsive for the requirements reviewed at Phase I to the satisfaction of Canada, then the Bid shall be considered non-responsive and will receive no further consideration.

- i) Only Bids found responsive to the requirements reviewed in Phase I to the satisfaction of Canada, will receive a Phase II review.

#### **4.1.1.3 Phase II: Technical Bid**

- a) Canada's review at Phase II will be limited to a review of the Technical Bid to identify any instances where the Bidder has failed to meet any Eligible Mandatory Criterion. This review will not assess whether the Technical Bid meets any standard or is responsive to all solicitation requirements. Eligible Mandatory Criteria are all mandatory technical criteria that are identified in this solicitation as being subject to the Phased Bid Compliance Process. Mandatory technical criteria that are not identified in the solicitation as being subject to the Phased Bid Compliance Process, will not be evaluated until Phase III.
- b) Canada will send a written notice to the Bidder (Compliance Assessment Report or "CAR") identifying any Eligible Mandatory Criteria that the Bid has failed to meet. A Bidder whose Bid has been found responsive to the requirements that are reviewed at Phase II will receive a CAR that states that its Bid has been found responsive to the requirements reviewed at Phase II. Such Bidder shall not be entitled to submit any response to the CAR.
- c) A Bidder shall have the period specified in the CAR (the "Remedy Period") to remedy the failure to meet any Eligible Mandatory Criterion identified in the CAR by providing to Canada in writing additional or different information or clarification in response to the CAR. Responses received after the end of the Remedy Period will not be considered by Canada, except in circumstances and on terms expressly provided for in the CAR.
- d) The Bidder's response must address only the Eligible Mandatory Criteria listed in the CAR as not having been achieved, and must include only such information as is necessary to achieve such compliance. Any additional information provided by the Bidder which is not necessary to achieve such compliance will not be considered by Canada, except that, in those instances where such a response to the Eligible Mandatory Criteria specified in the CAR will necessarily result in a consequential change to other parts of the Bid, the Bidder shall identify such additional changes, provided that its response must not include any change to the Financial Bid.
- e) The Bidder's response to the CAR should identify in each case the Eligible Mandatory Criterion in the CAR to which it is responding, including identifying in the corresponding section of the original Bid, the wording of the proposed change to that section, and the wording and location in the Bid of any other consequential changes that necessarily result from such change. In respect of any such consequential change, the Bidder must include a rationale explaining why such consequential change is a necessary result of the change proposed to meet the Eligible Mandatory Criterion. It is not up to Canada to revise the Bidder's Bid, and failure of the Bidder to do so in accordance with this subparagraph is at the Bidder's own risk. All submitted information must comply with the requirements of this solicitation.
- f) Any changes to the Bid submitted by the Bidder other than as permitted in this solicitation, will be considered to be new information and will be disregarded. Information submitted in accordance with the requirements of this solicitation in response to the CAR will replace, in full, **only** that part of the original Bid as is permitted in this Section.
- g) Additional or different information submitted during Phase II permitted by this section will be considered as included in the Bid, but will be considered by Canada in the evaluation of the Bid at Phase II only for the purpose of determining whether the Bid meets the Eligible Mandatory Criteria. It will not be used at any Phase of the evaluation to increase or decrease any score that the original Bid would achieve without the benefit of such additional or different information. For instance, an Eligible Mandatory Criterion that requires a mandatory minimum number of points to achieve compliance will be assessed at Phase II to determine whether such mandatory minimum score would be achieved

with such additional or different information submitted by the Bidder in response to the CAR. If so, the Bid will be considered responsive in respect of such Eligible Mandatory Criterion, and the additional or different information submitted by the Bidder shall bind the Bidder as part of its Bid, but the Bidder's original score, which was less than the mandatory minimum for such Eligible Mandatory Criterion, will not change, and it will be that original score that is used to calculate any score for the Bid.

- h) Canada will determine whether the Bid is responsive for the requirements reviewed at Phase II, considering such additional or different information or clarification as may have been provided by the Bidder in accordance with this Section. If the Bid is not found responsive for the requirements reviewed at Phase II to the satisfaction of Canada, then the Bid shall be considered non-responsive and will receive no further consideration.
- i) Only Bids found responsive to the requirements reviewed in Phase II to the satisfaction of Canada, will receive a Phase III evaluation.

#### **4.1.1.4 Phase III: Final Evaluation of the Bid**

- a) In Phase III, Canada will complete the evaluation of all Bids found responsive to the requirements reviewed at Phase II. Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- b) A Bid is non-responsive and will receive no further consideration if it does not meet all mandatory evaluation criteria of the solicitation.

## **4.2 Technical Evaluation**

### **4.2.1 Mandatory Technical Criteria**

**Mandatory technical evaluation criteria are included in Annex A, Appendix 6 Technical, Evaluation Matrix.**

The Phased Bid Compliance Process will apply to all mandatory technical criteria.

## **4.3 Financial Evaluation**

**4.3.1.** Financial Bids will be evaluated in Canadian currency. Prices submitted in foreign currency will be converted to Canadian dollars based on the exchange rate provided by the Bank of Canada at 16:30 Eastern Time (ET) on the date of the RFP closing date and the resulting conversion values will be used for the evaluation.

**4.3.2.** Financial bids will be evaluated based on prices received from Bidders set out in Annex B, Basis of Payment. The evaluated price will be the sum of the totals of Table 1, Table 2, Table 4, Table 5 and Table 6. No other pricing or financial information, if provided, will be evaluated.

## **4.4 Basis of Selection**

A bid must comply with the requirements of the bid solicitation and meet all mandatory technical evaluation criteria to be declared responsive. The responsive bid with the lowest evaluated price will be recommended for award of a contract.

## **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 Integrity 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.

## **5.2 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 specified 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 property agreement of the [Ineligibility and Suspension Policy](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

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

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

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

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.

## **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 Statement of Work**

The Contractor must perform the Work in accordance with the Statement of Work at Annex "A."

#### **6.1.1 Option to Purchase**

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both described at Annex A of the Contract under the same conditions and at the prices and/or rates stated in the Contract. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

The Contracting Authority may exercise the option at any time before the expiry of the Contract by sending a written notice to the Contractor.

#### **6.1.2 Task Authorization**

The Work or a portion of the Work to be performed under the Contract will be on an "as and when requested basis" using a Task Authorization (TA). The Work described in the TA must be in accordance with the scope of the Contract.

##### **6.1.2.1 Task Authorization Process**

The Work or a portion of the Work to be performed under the Contract will be on an "as and when requested basis" using a Task Authorization (TA). The Work described in the TA must be in accordance with the scope of the Contract.

1. The Technical Authority will provide the Contractor with a description of the task using the "Task Authorization Form "DND 626, Task Authorization Form" or "Task Authorization" form specified in Annex E.
2. The Task Authorization (TA) will contain the details of the activities to be performed, a description of the deliverables, and a schedule indicating completion dates for the major activities or submission dates for the deliverables. The TA will also include the applicable basis (bases) and methods of payment as specified in the Contract.
3. The Contractor must provide the Technical Authority, within 15 calendar days of its receipt, the proposed total estimated cost for performing the task and a breakdown of that cost, established in accordance with the Basis of Payment Annex B specified in the Contract.
4. The Contractor must not commence work until a TA authorized by the Contracting Authority has been received by the Contractor. The Contractor acknowledges that any work performed before a TA has been received will be done at the Contractor's own risk.

##### **6.1.2.2 Canada's Obligation - Portion of the Work - Task Authorizations**

Canada's obligation with respect to the portion of the Work under the Contract that is performed through task authorizations is limited to the total amount of the actual tasks performed by the Contractor.



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### 6.1.2.3 Periodic Usage Reports - Contracts with Task Authorizations

The Contractor must compile and maintain records on its provision of services to the federal government under authorized Task Authorizations issued under the Contract.

The Contractor must provide this data in accordance with the reporting requirements detailed below. If some data is not available, the reason must be indicated. If services are not provided during a given period, the Contractor must still provide a "nil" report.

The data must be submitted on a quarterly basis to the Contracting Authority.

The quarterly periods are defined as follows:

1st quarter: April 1 to June 30;

2nd quarter: July 1 to September 30;

3rd quarter: October 1 to December 31; and

4th quarter: January 1 to March 31.

The data must be submitted to the Contracting Authority no later than 10 calendar days after the end of the reporting period.

## 6.2 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) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

### 6.2.1 General Conditions

[2030](#) (2022-05-12), General Conditions - Higher Complexity - Goods, apply to and form part of the Contract.

### 6.2.2 Supplemental General Conditions

4001 (2015-04-01), Hardware Purchase

4003 (2010-08-16), Licensed Software

4006 (2010-08-16), Contractor to Own Intellectual Property Rights in Foreground Information

## 6.3 Security Requirements

There is no security requirement applicable to the Contract.

## 6.4 Term of Contract

The Contractor grants to Canada the irrevocable option to extend the term of the Contract by up to additional one (1) year period under the same conditions. The Contractor agrees that, during the extended period of the Contract, it will be paid in accordance with the applicable provisions as set out in the Basis of Payment.

Canada may exercise this option at any time by sending a written notice to the Contractor at least 30 calendar days before the expiry date of the Contract. The option may only be exercised by the Contracting Authority, and will be evidenced for administrative purposes only, through a contract amendment.

#### **6.4.1 Period of the Contract**

The period of the contract is defined as being from the date of contract award until all services and deliverables have been delivered and accepted, all warranties have expired, and no outstanding warranty issues exist.

#### **6.4.2 Delivery Date**

All of the firm deliverables must be received on or before 22 weeks after contract award.

### **6.5 Authorities**

#### **6.5.1 Contracting Authority**

The Contracting Authority for the Contract is:

Ms. Tanya Xiao  
Supply Specialist  
Public Services and Procurement Canada  
Acquisitions Branch (LAEPSS)  
Place du Portage, Phase III, 11 Laurier Street, Gatineau, QC K1A 0S5  
Government of Canada  
Telephone: 873-355-1225  
E-mail: [Tanya.Xiao@tpsgc-pwgsc.gc.ca](mailto:Tanya.Xiao@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 the Contract is:

To be inserted at Contract award.

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 Procurement Authority**

The Procurement Authority for the Contract is:

To be inserted at Contract award.

The Procurement 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 financial and technical content of the Work under the Contract. Technical matters may be discussed with the Procurement Authority; however the Procurement Authority has no authority to authorize changes to the scope of the



Work or the pricing in the Basis of Payment (Annex B). Changes to the scope of the Work or the Basis of Payment can only be made through a contract amendment issued by the Contracting Authority.

#### **6.5.4 Contractor's Representative**

Bidders to provide name, title, telephone number and email address.

### **6.6 Payment**

#### **6.6.1 Basis of Payment**

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm unit prices as specified in Annex B – Basis of Payment, for a cost of \$ \_\_\_\_\_. Customs duties are excluded and Applicable Taxes are extra, if applicable.

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

#### **6.6.2 Limitation of Expenditure - Cumulative Total of all Task Authorizations**

1. Canada's total liability to the Contractor under the Contract for all authorized Task Authorizations (TAs), inclusive of any revisions, must not exceed the sum of \$ \_\_\_\_\_. Customs duties are included and Applicable Taxes are extra.
2. No increase in the total liability of Canada will be authorized or paid to the Contractor unless an increase has been approved, in writing, by the Contracting Authority.
3. The Contractor must notify the Contracting Authority in writing as to the adequacy of this sum:
  - a. when it is 75 percent committed, or
  - b. four (4) months before the contract expiry date, or
  - c. as soon as the Contractor considers that the sum is inadequate for the completion of the Work required in all authorized TAs, inclusive of any revisions, whichever comes first.
4. If the notification is for inadequate contract funds, the Contractor must provide to the Contracting Authority, a written estimate for the additional funds required. Provision of such information by the contractor does not increase Canada's liability.

#### **6.6.4 Method of Payment (Multiple Payments)**

Canada will pay the Contractor upon completion and delivery of units in accordance with the payment provisions of the Contract if:

- a. an accurate and complete invoice and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- b. all such documents have been verified by Canada;

- 
- c. the Work delivered has been accepted by Canada.

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

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

- a. Direct Deposit (Domestic and International);
- b. Electronic Data Interchange (EDI);
- c. Wire Transfer (International Only);

#### **6.6.6 Time Verification**

Time charged and the accuracy of the Contractor's time recording system are subject to verification by Canada, before or after payment is made to the Contractor. If verification is done after payment, the Contractor must repay any overpayment, at Canada's request.

#### **6.7 Certifications and Additional Information**

##### **6.7.1 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.

##### **6.7.2 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 Applicable Laws**

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

#### **6.9 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 supplemental general conditions 4001 (2015-04-01), 4003 ( 2010-08-16) and 4006 (2010-08-16);
- (c) the general conditions 2030 (2022-05-12);
- (d) Annex A, Statement of Work;
- (e) Annex B, Basis of Payment;
- (f) the signed Task Authorizations (including all of its annexes, if any) (*if applicable*);

(g) the Contractor's bid dated \_\_\_\_\_.

## 6.10 Defence Contract

The Contract is a defence contract within the meaning of the [Defence Production Act](#), R.S.C. 1985, c. D-1, and must be governed accordingly.

Title to the Work or to any materials, parts, work-in-process or finished work must belong to Canada free and clear of all claims, liens, attachments, charges or encumbrances. Canada is entitled, at any time, to remove, sell or dispose of the Work or any part of the Work in accordance with section 20 of the [Defence Production Act](#).

## 6.11 Insurance Requirements

The Contractor is responsible for deciding if insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any insurance acquired or maintained by the Contractor is at its own expense and for its own benefit and protection. It does not release the Contractor from or reduce its liability under the Contract.

## 6.12 Shipping Instructions

### 1. a Shipping Instructions - Foreign-based Contractors

1. Delivery will be FCA Free Carrier at \_\_\_\_\_ (*insert the named place at contract award*) 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.

***(Details of DND Inbound Logistics Coordination Center will be inserted at contract award when the location of the Contractor is known.)***

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

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or the applicable Canadian *Dangerous Goods Shipping Regulations* and a copy of the material 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 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.

#### **1.b Shipping Instructions - Canadian-based Contractors**

1. Delivery will be FCA Free Carrier at \_\_\_\_\_ (***Insert the named place at contract award***) 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.

Inbound Logistics Co-ordination Center (ILCC)  
Telephone: 1-877-877-7423 (toll free)  
Facsimile: 1-877-877-7409 (toll free)  
E-mail: [ILHQOttawa@forces.gc.ca](mailto: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, items must be packaged and labelled 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 goods/hazardous products, as required for the applicable mode of transportation, signed certificates for dangerous goods/hazardous products as required for shipment by the International Maritime Dangerous Goods Code, the International Air Transport Association regulations or the applicable Canadian *Transportation of Dangerous Goods Regulations*, and a copy of the safety data sheet in English and French.
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, 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 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.

#### **6.13 Additional Package Markings - Identical**

1. The Contractor must ensure that in addition to the required interior and exterior package markings, the following information is provided:
  - a. manufacturer's name;
  - b. manufacturer's part number;
  - c. description;
  - d. quantity/unit of issue;
  - e. date of manufacture;
  - f. contract number
2. These markings must be applied and positioned in accordance with Canadian Forces Packaging Specification D-LM-008-002/SF-001.

#### **6.14 Packaging Requirement using Specification D-LM-008-036/SF-000**

The Contractor must prepare the goods 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.

#### **6.15 SACC Manual Clauses**

B4061C (2008-05-12) North Atlantic Treaty Organization Codification – Data Requirements  
B7500C (2006-06-16) Excess Goods  
C2000C (2007-11-30) Taxes - Foreign-based Contractor  
C2604C (2013-04-25) Customs Duties, Excise Taxes and Applicable Taxes – Non Resident  
C2605C (2008-05-12) Canadian Customs Duties and Sales Tax – Foreign-based Contractor  
C2610C (2007-11-30) Custom Duties – Department of National Defence - Importer  
C2800C (2013-01-28) Priority Rating  
C2801C (2017-08-17) Priority Rating - Canadian Contractors  
D0050C (2007-05-25) End User Certificate  
D2001C (2007-11-30) Labelling  
D2017C (2008-05-12) Bar Coding – Material Marking  
D2025C (2017-08-17) Wood Packaging Materials  
D5545C (2019-05-30) ISO 9001:2015- Quality Management Systems (Quality Assurance Code C)

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D5604C (2008-12-12) Release Documents (DND) - Foreign-based Contractor  
D5605C (2021-05-20) Release Documents (DND) - United States-based Contractor  
D5606C (2017-11-28) Release Documents (DND) - Canadian-based Contractor  
D6010C (2007-11-30) Palletization  
D9002C (2007-11-30) Incomplete Assemblies

## **6.16 Dispute Resolution**

- (a) The parties agree to maintain open and honest communication about the Work throughout and after the performance of the contract.
- (b) The parties agree to consult and co-operate with each other in the furtherance of the contract and promptly notify the other party or parties and attempt to resolve problems or differences that may arise.
- (c) If the parties cannot resolve a dispute through consultation and cooperation, the parties agree to consult a neutral third party offering alternative dispute resolution services to attempt to address the dispute.
- (d) Options of alternative dispute resolution services can be found on Canada's Buy and Sell website under the heading "[Dispute Resolution](#)".

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## **ANNEX “A” STATEMENTF OF WORK**

**(SEE ATTACHED)**

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**ANNEX “B”, Basis Of Payment**

**(SEE ATTACHED)**



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## **ANNEX “C” to PART 3 OF THE BID SOLICITATION**

### **ELECTRONIC PAYMENT INSTRUMENTS**

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

- ☐ Direct Deposit (Domestic and International);
- ☐ Electronic Data Interchange (EDI);
- ☐ Wire Transfer (International Only);

---

## ANNEX "D" 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)

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**ANNEX “E” DND 626 TASK AUTHORIZATION FORM**

**(SEE ATTACHED)**

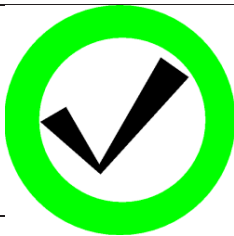


National Défense  
Defence nationale

## **ANNEX A**

### **Statement of Work (SOW)**

#### **For the Acquisition and Support of Integrated Soldier System End User Device (ISS EUD)**



##### **NOTICE**

This documentation has been reviewed by the technical authority and does not contain controlled goods.

##### **AVIS**

Cette documentation a été révisée par l'autorité technique et ne contient pas de marchandises contrôlées.

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## **1 SCOPE**

### **1.1 Purpose**

- 1.1.1 The purpose of this Statement of Work (SOW) is to specify the requirements for the acquisition and support of a new modern Integrated Soldier System (ISS) End User Device (EUD) and a System Management and Security Suite (SMSS).

### **1.2 Background**

- 1.2.1 The Integrated Soldier System (ISS) is a system in use by the Canadian Armed Forces (CAF) that supports the mission of the dismounted soldier by providing situational awareness and better command execution. The basic configuration of the ISS is composed of an EUD; a radio; a Hub; and battery. The system can expand its operational capabilities by adding additional sensors to the ISS. The EUD is an important component to the ISS, as it provides the dismounted soldier with a battle management system featuring a tactical and visual user interface of the battlefield furthering their situational awareness.

### **1.3 Intended Use**

- 1.3.1 The ISS EUD will be used as part of the Integrated Soldier System and will support the next generation of the Battle Management System (BMS): Android Tactical Assault Kit (ATAK). As it will be worn by dismounted soldiers, the ISS EUD will be exposed to adverse weather and environmental conditions. It will also be subject to various shocks induced from dismounted soldier operations in different environments. It is permissible for the EUD to achieve those compliances through the use of a Rugged Case.
- 1.3.2 The ISS SMSS will be the system management platform of the ISS EUD installed at four (4) different DND locations in Canada. ISS SMSS will be used by an operator to configure and manage the ISS EUD.

### **1.4 List of Acronyms and Abbreviations**

- 1.4.1 Table 1. List of Acronyms

<b>Abbreviation</b>	<b>Description</b>
ABCANZ	American, British, Canadian, Australian, and New Zealand (5 Eyes)
ATAK	Android Tactical Assault Kit
AWR	Additional Work Request
BIT	Built In Test
BMS	Battle Management Software
CAF	Canadian Armed Forces
COTS	Commercial-Off-The-Shelf
DND	Department of National Defence
EMCON	Emission Control
EUD	End User Device
IAW	In Accordance With

Abbreviation	Description
ICD	Interface Control Document
ISS	Integrated Soldier System
ISS EUD	Integrated Soldier System End User Device
ISS-S	Integrated Soldier System Suite
NATO	North Atlantic Treaty Organization
NCAGE	NATO Commercial and Government Entity
NSN	NATO Stock Number
OS	Operating System
(Android) ROM	(Android) Read Only Memory
SMBus	System Management Bus
SMSS	System Management and Security Suite
SOW	Statement of Work
TA	Technical Authority
USB	Universal Serial Bus
WiFi	Wireless Fidelity

## 1.5 Terminology

### 1.5.1 Table 2. Definitions

Term	Definition
Accessory	Include the charger, the USB cable, Rugged Case and Chest mount of the EUD.
Built In Test	An integral capability of a device that provides an on-board test capability to detect, to diagnose, or isolate system failures.
Catastrophic Mishap Severity	Could result in death, permanent total disability, or irreversible or reversible severe environmental damage that violates law or regulation
Compatible	Able to be used together without causing malfunctions or a degradation of performance. Can be used with or without a specific piece of equipment (e.g.: hub, cable, protective case), but without any software or hardware modification to the ISS EUD or the hub.
Critical Mishap Severity	Could result in permanent partial disability, injuries or occupational illness that may result in hospitalization, or reversible environmental damage causing a violation of law or regulation
Defect	A change in materiel characteristics, a Degradation of Performance, a Malfunction, or Physical Damage
Degradation of Performance	A situation where one or more requirements of this Statement of Work is not met.
End User Device	A COTS unlocked smartphone comprising of an operating system, a touchscreen display, and computer processing circuitry.
Hub	A power and data distribution device. Contains multiple ports for connectivity to other devices.



Term	Definition
Integrated Soldier System	A system that aims to improve command execution, target acquisition and situational awareness to soldiers on the battlefield. The basic configuration of the system consists of a radio, a EUD, a Hub, and a battery.
Integrated Soldier System Suite	All equipment that the soldier wears and carries, including the software, electronic equipment, cables, vest and pouches, batteries and any other components.
ISS Battery	UltraLife rechargeable battery UBBL06 (LI-145).
ISS EUD	The next generation of EUD for dismounted soldier to use as a tactical display for situational awareness with embedded ATAK solution as a BMS and tactical security features manageable by the SMSS.
ISS EUD Software	The EUD's custom ROM or OS, firmware, and the SMSS.
ISS Vest	A Modular Load Carriage System for the ISS-S consists of the vest platform, Combat pouches and ISS pouches.
Interface Control Document	Document that describes the interface(s) to a system or subsystem. It may describe the inputs and outputs of a single system or the interface between two systems or subsystems.
Malfunction	A failure in one or more of the following functions or system of ISS EUD : a) Power; b) Data; c) Control of the BMS; d) Control of the EUD; e) Display of the BMS interface; f) Text Entry; g) Touch Screen Interface. h) SMSS.
Non-Operational State	An ISS EUD which has a radio connected, powered down and is not receiving power or data from all connected devices, the BMS and the SMSS.
Operational State	An ISS EUD which is connected to the hub with a battery and a radio, powered by the internal battery, charged by the ISS attery through the Hub, and received power or data from all connected devices and system, including the BMS or the SMSS, with no malfunction or degradation of performance.
Physical Damage	Harm caused to something which results in a degradation of performance.
Port	A connection point on an electronic device where another piece of equipment can be attached, often using a cable.

Term	Definition
Rugged Case	A ruggedized cover for the End User Device
System Management and Security Suite	A mobile device management platform and software suite, running in both the EUD and on premise server as a standalone solution. The software suite provisions, enables and manages the EUD and provides tactical security features on the EUD.
Stylus	A digital pen tool that is used to assist in navigating the End User Device.

## 2 APPLICABLE DOCUMENTS

### 2.1 References

2.1.1 The documents listed in this Section form part of the SOW. Unless otherwise specified, the issue or amendment of documents effective for this contract must be those in effect on the date of contract award.

#### 2.1.2 DND Specifications, Standards and Publications

Reference Number	Promulgation Date	Reference Title
C-01-100-100/AG-005	2019-06-30	Acceptance of Commercial and Foreign Government Publications as Adopted Publications
D-02-002-001/SG-001	2003-04-01	Identification Marking of Canadian Military Property
D-01-400-002/SF-000	2018-07-31	Canadian Forces Specifications – Levels of Engineering Drawings

#### 2.1.3 Other Standards and Publications

Reference Number	Promulgation Date	Reference Title
IEC 60529	2013-08-29	Degrees of protection provided by enclosures (IP Code) <a href="https://webstore.iec.ch/publication/2452">https://webstore.iec.ch/publication/2452</a>
NWPAN-WP-01112013	2017-10-20	Nett Warrior Interconnect Architecture White Paper, version 6, available at <a href="https://apps.dtic.mil/dtic/tr/fulltext/u2/1011122.pdf">https://apps.dtic.mil/dtic/tr/fulltext/u2/1011122.pdf</a>
SMBus	2018-04-19	System Management Bus (SMBus) Specification, available at <a href="http://smbus.org">smbus.org</a>
USB 2.0	2000-04-27	Universal Serial Bus (USB) Revision 2.0 Specifications, available at <a href="http://www.usb.org">www.usb.org</a>
N/A	July 2017	Travel Directive, National Joint Council, available at <a href="http://www.njc-cnm.gc.ca/directive/d10/v238/en">www.njc-cnm.gc.ca/directive/d10/v238/en</a>
MIL-STD-464C	2010-12-01	Interface Standard: Electromagnetic environmental effects requirements for systems, available at <a href="http://everyspec.com/MIL-STD">everyspec.com/MIL-STD</a>

Reference Number	Promulgation Date	Reference Title
MIL-STD-810H	2019-01-31	Test Method Standard: Environmental Engineering Considerations and Laboratory Tests, available at <a href="http://everyspec.com/MIL-STD">everyspec.com/MIL-STD</a>
MIL-STD-1472G	2019-01-17	Design Criteria Standard: Human Engineering, available at <a href="http://everyspec.com/MIL-STD">everyspec.com/MIL-STD</a>

## 2.2 Order of Precedence

- 2.2.1 In the event of a conflict between the content in this SOW and the referenced documents, the content of this SOW must take precedence.

## 3 REQUIREMENTS

### 3.1 Scope of Work

- 3.1.1 The Contractor must supply ISS EUDs, Accessories, Stylus and ISS SMSS that meet all the requirements identified in Appendices 1, 2, 3, 4 and 5. Quantity for each item is specified in section 9.
- 3.1.2 The Contractor must organize a Kick-off meeting.
- 3.1.3 The Contractor must provide Technical Data for ISS EUD, Stylus and Accessories.
- 3.1.4 The Contractor must provide Identification Plates and Product Marking on all EUDs and Accessories. The Contractor must provide a User Manual for the ISS EUD, Accessories, Stylus and ISS SMSS.
- 3.1.5 The Contractor must provide support IAW section 6.

## 4 MEETINGS

### 4.1 Kick-off Meeting

- 4.1.1 The Kick-off meeting must take place within twenty-eight (28) working days after contract award (or mutually agreed upon dates). Canada and their designated representatives will participate in the Kick-off meeting. The purpose of this meeting is to review the specific contract documents.

### 4.2 Meeting Minutes

- 4.2.1 The meeting minutes must be recorded and prepared by the Contractor.
- 4.2.2 The meeting minutes must provide a summary of the discussion and key decision points established during the meeting.
- 4.2.3 Signature blocks for both Contractor and Canada responsible representatives are required on the Kick-off meeting minutes.

- 4.2.4 The meeting minutes must be provided to Canada no later than five (5) working days after the Kick-off meeting.

## **5 INTEGRATED LOGISTIC SUPPORT**

### **5.1 Technical Data**

- 5.1.1 The Technical Data for the ISS EUD and Accessories must clearly provide the following information for all unique item
- a) Item Name;
  - b) The manufacturer's unique part number;
  - c) The Design Control Authority NCAGE code, or their full name and address;
  - d) Dimensions and tolerances;
  - e) Materials;
  - f) Protective coating (if applicable) and surface color and finish;
  - g) Performance data, including the environmental and operating conditions under which the item must perform;
  - h) Electrical characteristics; and
  - i) Special features which contributed to the uniqueness of the item.
- 5.1.2 Canada will provide the Contractor with a list of applicable NSNs as soon as possible after the reception and acceptance of the Technical Data package.
- 5.1.3 Once received from Canada, the Contractor must update all applicable documentation with the NSN identifier.

### **5.2 Equipment Identification Plate Data and Product Marking**

- 5.2.1 The Contractor must provide identification plates and Product Marking for the ISS EUD, Stylus and all Accessories in accordance with Canadian Forces Standard D-02-002-001/SG-001: Identification Marking of Canadian Military Property.
- 5.2.2 The identification plates and Product Marking must be affixed to ISS EUD, Stylus and all associated accessories.
- 5.2.3 The identification plates and Product Marking must be sent to Canada for approval prior to their production.
- 5.2.4 The Contractor must allow ten (10) working days for the review of the identification plates.

### **5.3 User Manual**

- 5.3.1 User Manual must be in English and in French.
- 5.3.2 User Manual must be in searchable PDF format and be delivered to the Technical Authority.

## **6 ADDITIONAL WORK REQUEST (DND 626)**

### **6.1 Additional Work**

- 6.1.1 There may be a requirement for additional work to be performed. This requirement encompasses work that is over and above the current Contract requirements, but is within the scope of the work. The manner in which this work will be accomplished is via an Additional Work Request (AWR). An AWR will be implemented in accordance with the Contract Articles of Agreement, using the form DND 626 Task Authorization. Pricing will be determined using the rates and mark-ups contained in the Basis of Payment at Annex B.

### **6.2 Travel and Living Expenses**

- 6.2.1 Where the satisfactory performance of approved Additional Work Requests Entails Travel and Living Expenses, the Contractor will be reimbursed for these expenses reasonably and properly incurred in the performance of the Work. The reimbursement will be at cost without allowances for profit and/or administrative overhead. The reimbursement will be in accordance with the Treasury Board Travel Directive or the Contractor's internal policies, whichever is less. The applicable items in the Treasury Board Travel Directive are:
- a) The provisions in the directive referring to "travelers", rather than those referring to "employees"; and
  - b) The meal, private vehicle and incidental expenses provided in Appendices B, C and D.

## **7 QUALITY ASSURANCE**

- 7.1 Contractor must have one or more of the following certifications:
- a) ISO 9001; or
  - b) AS9100D

## **8 ACCEPTANCE PROCESS CRITERIA**

- 8.1 The firm quantity of ISS EUDs, Accessories, Technical Data, and the Interface Control Documents must be delivered to Canada for integration and testing by the ISS Support Contractor, Rheinmetall Canada Inc.

## **9 DELIVERABLES**

See Annex B – Basis of Payment

## APPENDIX 1 – TECHNICAL REQUIREMENT SPECIFICATION - ISS EUD

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### 1. GENERAL REQUIREMENTS

#### 1.1 Non-Developmental Item

##### 1.1.1 ISS EUD must be:

- a) Of proven (tested) design and functionalities;
- b) In current production, not obsolete and were produced within the past 12 months;
- c) Be in-use by a ABCANZ member armed forces, or the US Department of National Defence (DOD) Program Executive Office Soldier (PEO) and a quantity greater than 650 units sold to the armed forces;
- d) Provided with Identification marking and Linear Barcode Symbolologies.

#### 1.2 EUD Platform

##### 1.2.1 ISS EUD must be an Android based Smartphone;

##### 1.2.2 ISS EUD must run Android 10 or later;

##### 1.2.3 ISS EUD must be compliant with National Information Assurance Partnership;

##### 1.2.4 ISS EUD must have security features that meet requirements laid out in section 4.1;

##### 1.2.5 ISS EUD must be compatible, proven and tested with ATAK 4.5 or later;

##### 1.2.6 ISS EUD must be compatible with tactical military radios, specifically the L3Harris AN/PRC 163 or RF-9820S.

##### 1.2.7 ISS EUD must be compatible with the Nett Warrior Interconnect Architecture (NWPAN);

##### 1.2.8 ISS EUD Software and OS interface must fully support both official languages, French and English.

### 2. PHYSICAL REQUIREMENTS

#### 2.1 Device Size

##### 2.1.1 Dimensions of ISS EUD must meet and not exceed the following measurement:

- a) Height: 150mm to 165mm or 5.9 in to 6.49 in;
- b) Width: 67mm to 75mm or 2.6 in to 2.95 in; and
- c) Depth: 18mm or 0.70 in.

#### 2.2 Screen Size

##### 2.2.1 ISS EUD must have a screen dimension range between 157.48 to 169 mm or 6.2" to 6.65" measured diagonally;

2.2.2 ISS EUD must have a minimum resolution display of 2400x1080 (Width x Height) pixels;

### **2.3 Weight**

2.3.1 The weight of ISS EUD must not exceed 600g or 21.16oz which includes the EUD, the Stylus, the Chest mount and the Rugged Case.

### **2.4 Touch Screen Display**

2.4.1 ISS EUD must include a touch screen interface;

2.4.2 ISS EUD touch screen must be resistant to scratch and hard contact damage;

2.4.3 ISS EUD touch screen must be resistant to drop, up to 1.6 meters;

2.4.4 ISS EUD touch screen must be usable with gloves;

2.4.5 ISS EUD touch screen must be usable with a Stylus;

2.4.6 ISS EUD must be readable in sunlight;

2.4.7 ISS EUD must be readable in low light condition;

2.4.8 ISS EUD must have a control to turn off the display without shutting down the EUD;

2.4.9 ISS EUD must allow the control and display of the BMS;

2.4.10 ISS EUD touch screen must allow the ISS user to interact with the BMS;

2.4.11 ISS EUD display luminance must be adjustable by the user using a control, over the full range of supported luminance levels (i.e. dimmest to brightest) , with one of the following control characteristics:

- a) A control that provides at least five (5) discrete steps; or
- b) An infinitely variable control.

### **2.5 Camera**

2.5.1 ISS EUD must include front and rear cameras;

2.5.2 ISS EUD rear camera must have a minimum of 50MP resolution;

2.5.3 ISS EUD Camera must be used in low light environment, without the use of a flash, to gather intelligence;

2.5.4 ISS EUD must record at least a 3840 x 2160 pixels video;

### **2.6 Finish and Color**

2.6.1 ISS EUD , Accessory and Stylus must meet at least one those finish and color:

- a) Non-reflective flat green finish;
- b) Non-reflective flat black finish;
- c) Non-reflective flat brown finish; or
- d) Non-reflective flat gray finish.

## **2.7 Storage Capacity**

2.7.1 ISS EUD must have a minimum internal storage capacity of 64GB ;

2.7.2 ISS EUD must have extendable storage using a microSD Card and support a minimum of 512MB capacity.

## **2.8 Power and Battery**

2.8.1 ISS EUD must have an internal rechargeable battery with a minimum capacity of 4000 mAh.

## **2.9 Speaker, Microphone and Haptic mode**

2.9.1 ISS EUD must have a built-in microphone and internal speaker;

2.9.2 ISS EUD must have haptic feedback or a vibration feature;

2.9.3 ISS EUD audible noise emissions from the speaker must be able to be disabled by the user;

2.9.4 ISS EUD audible noise emission from the haptic feedback or vibration feature must be able to be disabled by the user;

2.9.5 ISS EUD must have a visual indication on the touch screen interface indicating that audio signals and haptic mode are turned off.

## **2.10 Sensors**

2.10.1 ISS EUD must have the following sensors:

- a) Accelerometer,
- b) Barometer,
- c) Gyro Sensor,
- d) Geomagnetic Sensor,
- e) RGB Light Sensor,
- f) Proximity Sensor.

## **3. INTERFACE REQUIREMENTS**

### **3.1 Network & Connectivity**

3.1.1 ISS EUD must support an USB 2.0 interface;

3.1.2 ISS EUD must have a micro SD expansion slot;



- 3.1.3 ISS EUD must have a WiFi 802.11n a/b/g/n interface which can be enabled and disabled;
- 3.1.4 ISS EUD must have a Bluetooth version 4.0 interface which can be enabled and disabled;
- 3.1.5 ISS EUD must have a dedicated internal GPS which can be enabled and disabled;
- 3.1.6 ISS EUD must support a minimum of three (3) Ethernet interfaces;
- 3.1.7 ISS EUD must be compatible with tactical military radios, specifically the L3Harris AN/PRC 163 or RF-9820S.

### **3.2 Connectors**

- 3.2.1 ISS EUD must be compatible with connectors that mates with the connectors specified in Nett Warrior Interconnect Architecture White Paper (NWPAN-WP-01112013) version 6, Table IV;
- 3.2.2 ISS EUD must be equipped with USB type C connector;
- 3.2.3 ISS EUD must be able to receive power from the ISS Battery.

### **3.3 Ports**

#### **3.3.1 General**

- 3.3.1.1 ISS EUD must operate as the USB host while interfacing with the host port of the Hub;
- 3.3.1.2 ISS EUD data port must be compliant with Universal Serial Bus (USB) Revision 2.0 Specifications or Ethernet;
- 3.3.1.3 ISS EUD must support USB-to-Ethernet devices;
- 3.3.1.4 ISS EUD must support USB host Remote Network Driver Interface Specification (RNDIS).

#### **3.3.2 Power Ports**

- 3.3.2.1 All power ports must be compliant with the System Management Bus (SMBus) Specification;
- 3.3.2.2 ISS EUD must support Programmable Power Supply (PPS) and USB-C Power Delivery (USB PD) specification.

### **3.4 Chest Mount**

- 3.4.1 ISS EUD must be able to be chest mounted on the ISS Vest and be compliant with requirements in Appendix 4.

### **3.5 Stylus**

- 3.5.1 ISS EUD must be compatible with a capacitive or active stylus.
- 3.5.2 The Stylus can be a third party product.
- 3.5.3 In the case the Stylus is a third party product, the OEM must disclose the company name and country of origin of that third party.
- 3.5.4 The Stylus must incorporate means of attachment to Molle Webbing
- 3.5.5 The Stylus must be easily accessible when attached to the ISS Vest.

## **4. FUNCTIONAL REQUIREMENTS**

### **4.1 Security features**

- 4.1.1 ISS EUD must provide an access control mechanism to prevent unauthorized access;
- 4.1.2 ISS EUD must provide user authentication;
- 4.1.3 ISS EUD must use a hardware backed trusted environment;
- 4.1.4 ISS EUD must provide App isolation;
- 4.1.5 ISS EUD must provide data protection (including: data at rest and data in transit protections) from unauthorized access;
- 4.1.6 ISS EUD must provide disk encryption support and data security to protect tactical and sensitive data;
- 4.1.7 ISS EUD must provide runtime protection and encryption;
- 4.1.8 ISS EUD must provide the ability to perform device tracking and locking;
- 4.1.9 ISS EUD must provide the ability for device management, provisioning and deployment through SMSS;
- 4.1.10 ISS EUD must be able to wipe phone data;
- 4.1.11 ISS EUD digital data must be secured when stored in the main data storage as well as on the external data storage;
- 4.1.12 ISS EUD digital data must be secured using both cryptographic encryption and integrity protection;
- 4.1.13 ISS EUD must be manageable through SMSS.

## **4.2 Compatibility**

- 4.2.1 ISS EUD must be Compatible with ISS Radios: L3Harris AN/PRC-163 or RF- 9820S;
- 4.2.2 ISS EUD must be Compatible with ISS Hub: Glenair STARPAN II and STARTPAN VI;
- 4.2.3 ISS EUD must be Compatible with ATAK 4.5 or later;
- 4.2.4 ISS EUD must be Compatible with the Defense Advanced GPS Receiver (DAGR);
- 4.2.5 ISS EUD must be Compatible with Nett Warrior Interconnect Architecture (NWPAN), and;
- 4.2.6 ISS EUD must be Compatible with the SMSS.

## **5. SUSTAINABILITY REQUIREMENTS**

### **5.1 Reliability**

- 5.1.1 ISS EUD must have a Mean Time Between Failure not less than 500 hours.

### **5.2 Built In Test (BIT)**

- 5.2.1 ISS EUD must perform a BIT at the command of the user.

### **5.3 ISS EUD In Service Support**

- 5.3.1 In order to avoid rapidly obsolescence of ISS EUD:
  - 5.3.1.1 ISS EUD Software must be maintained by the OEM for a minimum of 2 years;
  - 5.3.1.2 ISS EUD Software maintenance must include :
    - a) the custom ROM or Android upgrade
    - b) device firmware upgrade and,
    - c) security patch.

## **6. ENVIRONMENT CONDITIONS**

### **6.1 General**

- 6.1.1 ISS EUD must meet IP68 rating to withstand dust, dirt and sand, and are resistant to submersion up to a maximum depth of 1.5m in freshwater for up to thirty minutes;
- 6.1.2 ISS EUD, Accessory and Stylus must meet the requirements defined in Appendix 3;
- 6.1.3 ISS EUD rugged requirements can be met through a Rugged Case.

## **7. HEALTH AND SAFETY**

## **7.1 General**

- 7.1.1 ISS EUD must not present environmental, health or system safety hazards of a Catastrophic or Critical mishap severity;
- 7.1.2 ISS EUD must not present a Catastrophic or Critical hazard to the operator and surrounding environment even when so damaged that it allows the ingress of water, egress of internal substances, or foreign material.

## **7.2 Mechanical Safety**

- 7.2.1 ISS EUD must bear no raw, sharp, or rough edges on any parts.

## **APPENDIX 2 – TECHNICAL REQUIREMENT SPECIFICATION – ISS SMSS**

---

### **1. GENERAL REQUIREMENTS**

#### **1.1 ISS SMSS must be:**

- a) In current production (not obsolete) and have been in production within the past 12 months;
- b) Be in-use by a ABCANZ member armed forces;

#### **1.2 ISS SMSS must be a standalone and on premise solution;**

#### **1.3 ISS SMSS must operate in a close and secure network;**

#### **1.4 ISS SMSS license must not expire;**

#### **1.5 ISS SMSS license must not have any recurring fees for 5 years;**

#### **1.6 ISS SMSS must be able to enroll, provision, configure, secure and manage a set of EUDs including content and applications;**

#### **1.7 ISS SMSS must be able to operate offline (not connected to internet) and import software update and patches using a USB stick;**

#### **1.8 ISS SMSS must be able to push/pull applications, software update and patches to a set of EUDs ;**

#### **1.9 ISS SMSS must work on a standalone server running TAK Server and WINTAK 4.3 or later;**

#### **1.10 ISS SMSS must be Compatible with CAF in service Panasonic Toughbook CF33;**

#### **1.11 ISS SMSS must be Compatible, proven and tested with latest version of ATAK, TAK Server and WINTAK;**

#### **1.12 ISS SMSS must interface with a set of EUDs using both USB and WiFi interfaces;**

#### **1.13 ISS SMSS must be proven to manage and support at least 10 EUDs;**

#### **1.14 ISS SMSS interface must be in the English language.**

### **2. FUNCTIONAL REQUIREMENTS**

#### **2.1 Platform**

##### **2.1.1 ISS SMSS must be running on Windows 10;**

##### **2.1.2 ISS SMSS must be Compatible with the EUD;**

2.1.3 ISS SMSS must manage at minimum Windows 10 and Android 10 devices;

## **2.2 Security Management**

### **2.2.1 Interfaces**

2.2.1.1 The ISS SMSS must restrict users and applications from accessing hardware and sensors such as:

- a) Cellular interface
- b) GPS
- c) Bluetooth interface
- d) USB interphase
- e) Removable Storage;

2.2.1.2 The ISS SMSS must restrict users and applications from accessing native Android services such as:

- a) Built-in web browser
- b) Email client
- c) Calendaring
- d) Contacts
- e) Application installation services;

2.2.1.3 The ISS SMSS must control all radios/communications on the EUD:

- a) Cellular (enable/disable)
- b) WiFi (enable/disable)
- c) Bluetooth (enable/disable)
- d) NFC (enable/disable)

### **2.2.2 Data Communication and Storage**

2.2.2.1 The ISS SMSS must strongly encrypt stored data on both built-in and removable storage;

2.2.2.2 The ISS SMSS must provide data protection( including data at rest and data in transit) from unauthorized access;

2.2.2.3 The ISS SMSS must have the capacity to remotely wipe the EUD;

### **2.2.3 Application and Content management**

2.2.3.1 The ISS SMSS must restrict any app store from being used;

2.2.3.2 The ISS SMSS must restrict which application may be installed and removed by the user;

2.2.3.3 The ISS SMSS must provide App isolation on the EUD;

2.2.3.4 The ISS SMSS must keep a current inventory of all applications installed on the EUD;

- 2.2.3.5 The ISS SMSS must restrict the use of Operating system and application synchronization services, such as: local device synchronization, remote synchronization services and websites;
- 2.2.3.6 The ISS SMSS must verify digital signatures on applications to ensure that only applications from trusted entities are installed on the device and the code has not been modified.
- 2.2.4 **User and Device Authentication**
  - 2.2.4.1 The ISS SMSS must be able to set and control a maximum number of password attempts on the EUD;
  - 2.2.4.2 The ISS SMSS must be able to reset the EUD password or passcode to restore access to the EUD

## **APPENDIX 3 – TECHNICAL REQUIREMENT SPECIFICATION – RUGGED CASE**

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### **1. GENERAL REQUIREMENTS**

#### **1.1 Non-Developmental Item**

##### **1.1.1 Rugged Case must be:**

- a) Of proven (tested) design; and
- b) In current production or have been in production within the past 12 months;
- c) Be in-use by a ABCANZ member armed forces, or the US Department of National Defence (DOD) Program Executive Office Soldier (PEO) and a quantity greater than 650 units sold to the armed forces;
- d) Provided with Make, Model and Serial Number.

##### **1.1.2 The manufacturer of the Rugged Case must be an official partner of the EUD OEM.**

### **2. PHYSICAL REQUIREMENTS**

#### **2.1 Size**

##### **2.1.1 ISS EUD must fit in the Rugged Case.**

### **3. INTERFACE REQUIREMENTS**

#### **3.1 Interface with EUD**

##### **3.1.1 Each Rugged Case must be compatible with the EUD;**

##### **3.1.2 Each part and accessory of the Rugged Case has the ability to be replaced if broken.**

### **4. FUNCTIONAL REQUIREMENTS**

#### **4.1 EUD Sensors**

##### **4.1.1 The Rugged Case must not reduce performance of these sensors on the EUD:**

- a) Accelerometer;
- b) Barometer;
- c) Gyro Sensor;
- d) Geomagnetic Sensor;
- e) RGB Light Sensor; and
- f) Proximity Sensor.

#### **4.2 EUD ports**

##### **4.2.1 The Rugged Case must have Integrated Ports and buttons which extend native ISS**



EUD ports and buttons.

#### **4.3 Screen protector**

4.3.1 The Rugged Case must include a screen protector

4.3.2 The screen protector must

- a) Allow direct contact with screen and soft-touch button for gloved soldiers.
- b) Have the ability to reduce smudges
- c) Provide impact protection
- d) Have Antiglare

### **5. ENVIRONMENT CONDITIONS**

#### **5.1 General**

5.1.1 Rugged Case must meet all performance requirements of this Technical Requirement Specification without incurring one or more defects during and after exposure to any combination of the meteorological and induced climatic conditions described in this section: Physical Damage, Malfunction, and Degradation of Performance.

#### **5.2 Low Pressure (Altitude)**

5.2.1 Rugged Case must operate without incurring one or more defects during and after being exposed to all altitudes from sea level to 4572 meters.

#### **5.3 High Temperature - Operation**

5.3.1 Rugged Case must operate without incurring one or more defects during and after being exposed to all high temperature environments associated with the A3, A2 and A1 (+49°C max) climatic regions as described in MIL-STD-810H.

#### **5.4 High Temperature - Storage**

5.4.1 Rugged Case must be stored without incurring one or more defects during and after being exposed to all high temperature environments associated with the A3, A2, and A1 climatic regions as described in MIL-STD-810H.

#### **5.5 Low Temperature - Operation**

5.5.1 Rugged Case must operate without incurring one or more defects during and after being exposed to all low temperature environments associated with a C0 and C1 (-30°C min) climatic region as described in MIL-STD-810.

For this requirement, the lower boundary of the C1 climatic region will be evaluated at -30°C.

#### **5.6 Low Temperature - Storage**

- 5.6.1 Rugged Case must be stored without incurring one or more defects during and after being exposed to all low temperature environments associated with a C0 and C1 (-30°C min) climatic region as described in MIL-STD-810.

For this requirement, the lower boundary of the C1 climatic region will be evaluated at -30°C.

## **5.7 Temperature Shock**

- 5.7.1 Rugged Case must operate without incurring one or more defects during and after being exposed to conditions of rapid changes in ambient air temperature as encountered during movements between in-door environments and out-door environments at either high temperature (+49°C) and low temperature (-30°C) extremes.

For this requirement, the Rugged Case did not require any physical modifications or preparations in advance.

## **5.8 Contamination by Fluids**

- 5.8.1 Rugged Case must operate without incurring one or more defects during and after being exposed with the fluids listed in Appendix 6 – Fluids List.

## **5.9 Solar Radiation (Sunshine)**

- 5.9.1 Rugged Case must operate without incurring one or more defects during and after being exposed in all high solar radiation environments associated with A1 and A2 climatic regions as described in MIL-STD-810H.

## **5.10 Rain**

- 5.10.1 Rugged Case must operate without incurring one or more defects during and after being exposed to conditions of rainfall exposure of a minimum 1.7 mm/min as described in MIL-STD-810H.

### **5.11 Humidity**

- 5.11.1 Rugged Case must operate without incurring one or more defects during and after being exposed to all high humidity environments associated with B1, B2 and B3 climatic regions as described in MIL-STD-810H.

### **5.12 Fungus**

- 5.12.1 Rugged Case must not contain materials that support fungus growth.

### **5.13 Salt fog**

- 5.13.1 Rugged Case must operate without incurring one or more defects during and after being exposed to a salt fog atmosphere.

### **5.14 Sand and Dust**

- 5.14.1 Rugged Case must operate without incurring one or more defects during and after being exposed to a blowing sand and dust environment.

### **5.15 Explosive Atmosphere**

- 5.15.1 Rugged Case must not constitute a hazard in an explosive environment.

### **5.16 Water Immersion**

- 5.16.1 During and after a water immersion of one (1) meter depth for a minimum of 30 minutes, the Rugged Case must:
  - a) Not allow water or moisture ingress; and
  - b) Operate without incurring one or more defects.

### **5.17 Vibration**

- 5.17.1 Rugged Case must operate without incurring one or more defects after and during being exposed to vibrations of military ground vehicles.

### **5.18 Functional Shock**

- 5.18.1 Rugged Case must operate without incurring one or more defects during and after being exposed to shocks associated with dismounted soldier operations.

### **5.19 Transit Drop**

- 5.19.1 Rugged Case must operate without incurring one or more defects during and after experiencing 1.22m drops.

### **5.20 Electric field, radiated susceptibility**

- 5.20.1 Rugged Case must operate without incurring one or more defects during and after being exposed to an electrical field of 50V/m at frequencies of 2MHz to 18GHz.

#### **5.21 Emission Control (EMCON)**

- 5.21.1 Rugged Case must meet the EMCON requirement from section 5.14 of MIL-STD-464C. Frequencies tested are outside of 225-450MHz frequency range.

#### **5.22 Electrostatic Discharge**

- 5.22.1 Rugged Case must operate without incurring one or more defects during and after being exposed to electrostatic discharges.

### **6. HEALTH AND SAFETY**

#### **6.1 General**

- 6.1.1 Rugged Case must not present environmental, health or system safety hazards of a Catastrophic or Critical mishap severity.
- 6.1.2 Rugged Case must not present a Catastrophic or Critical hazard to the operator and surrounding environment even when so damaged that it allows the ingress of water, egress of internal substances, or foreign material.

#### **6.2 Mechanical Safety**

- 6.2.1 Rugged Case must bear no raw, sharp, or rough edges on any parts.

#### **6.3 Thermal Contact Hazard**

- 6.3.1 The maximum allowable surface contact temperatures for the Rugged Case must be in accordance with MIL-STD-1472G section 5.7.6.9 Thermal contact hazards.

## **APPENDIX 4: TECHNICAL REQUIREMENT SPECIFICATION – CHEST MOUNT**

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### **1 PHYSICAL REQUIREMENTS**

#### **1.1 Size**

- 1.1.1 Dimensions of Chest mount must be compatible with Rugged Case

### **2 INTERFACE REQUIREMENTS**

- 2.1 The Chest mount must incorporate means of attachment to Molle Webbing
- 2.2 The Chest mount must have a heavy duty and adjustable friction hinge.

### **3 ENVIRONMENT CONDITIONS**

#### **3.1 General**

- 3.1.1 All Chest mount must meet all performance requirements in this technical requirement specification without incurring physical damage and without degradation of performance, during and after exposure to any combination of the meteorological and induced climatic conditions described in the technical requirement specification of Rugged Case.

### **4 HEALTH AND SAFETY**

#### **4.1 General**

- 4.1.1 All Chest mount must not present environmental, health or system safety hazards of a Catastrophic or Critical mishap severity.
- 4.1.2 All Chest mount must not present a Catastrophic or Critical hazard to the operator and surrounding environment even when so damaged that it allows the ingress of water, egress of internal substances, or foreign material.

#### **4.2 Mechanical Safety**

- 4.2.1 All Chest mount must bear no raw, sharp, or rough edges on any parts.

#### **4.3 Thermal Hazard**

- 4.3.1 The maximum allowable surface contact temperatures for all Chest mount must be in accordance with MIL-STD-1472G section 5.7.6.9 Thermal contact hazards.

## APPENDIX 5: FLUID LIST

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### 1. LIST OF FLUIDS

#### 1.1 List of fluids below:

- a) Insect repellent (NSN 6840-01-284-3982, Crème, approx 32% Deet);
- b) Degreasing Solvent (MIL-PRF-680B);
- c) Weapon cleaning solvents (MIL-PRF-372D);
- d) Lubricating oil, general purpose (MIL-PRF-32033);
- e) Camouflage cream;
- f) Reactive Skin Decontaminant Lotion (RSDL);
- g) Salt water (real or simulated);
- h) Unleaded gasoline (CAN/CGSB 3.5);
- i) Hydraulic fluid (Mineral oil / petroleum based NATO H-520/NATO H-515);
- j) Kerosene (Commercial fuel CAN/CGSB 3.3);
- k) Automatic Transmission fluid (Dexron III or Allison TES 228);
- l) Lubricant, semi-fluid, automatic weapons (MIL-L-46000);
- m) Lubricating oil, weapons, low temperature (MIL-PRF-14107);
- n) Anti-freeze (A-A-52624A Type I ethylene glycol-based and Type II propylene glycol-based);
- o) Engine oil (MIL-PRF-2104H, 15W40); and
- p) Diesel fuel (On-road CAN/CGSB 3.517).



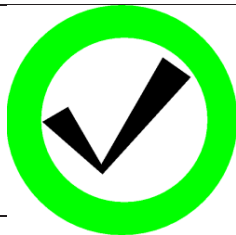
National Défense  
Defence nationale

**Annex A, Appendix 6**

**Technical Evaluation Matrix**

**For the Acquisition and Support of  
Integrated Soldier System End User Device  
(ISS EUD)**

**W8476-226530**



**NOTICE**

This documentation has been reviewed by the technical authority and does not contain controlled goods.

**AVIS**

Cette documentation a été révisée par l'autorité technique et ne contient pas de marchandises contrôlées.

## **1 GENERAL**

### **1.1 General Instructions**

- 1.1.1 The Bidder must fill out the Bidder's Compliance and the Bidder Response columns of Annex A, Appendix 6, Technical Evaluation Matrix.

### **1.2 List of Acronyms and Abbreviations**

- 1.2.1 Refer to the List of Acronyms and Abbreviations Section in Annex A - Statement of Work.

### **1.3 Terminology**

- 1.3.1 Refer to the Terminology Section in Annex A - Statement of Work.

### **1.4 Applicable Documents**

- 1.4.1 Refer to the Applicable Documents Section in Annex A - Statement of Work.

## **2 MANDATORY REQUIREMENTS**

### **2.1 General**

- 2.1.1 Bidder technical responses must include the information required in the Bidder's Response column for each mandatory requirement according to the method identified in the "Compliance Method" column.

### **2.2 Compliance Methods**

#### **2.2.1 Analysis Report**

- 2.2.1.1 A document that provides evidence that the stated requirements are met. Support for the validation of the Analysis Report's findings must include one or more of the following:

- a) mathematical models;
- b) simulations;
- c) algorithms;
- d) calculations;
- e) charts;
- f) graphs;
- g) drawings;
- h) photos;
- i) dimensions;
- j) representative data,
- k) other scientific principles and procedures.



## 2.2.2 Certificate of Compliance

2.2.2.1 A document that certifies that the product or entity meets a specific standard. The certificate must:

- a) be issued by a qualified Third-Party Testing Facility or Agency; and
- b) contain the following information:
  - i) Name of the Third-Party Testing Facility or Agency; and
  - ii) Certificate number; and
  - iii) Date of issuance; and
  - iv) Name of the entity or the product; and
  - v) Applicable standards, or sections, or methods;

## 2.2.3 Explanation

2.2.3.1 A description which

- a) contains sufficient detail that demonstrates the requirement is met;
- b) is supported by one or more of the following justifications:
  - i) drawings;
  - ii) dimensions;
  - iii) calculations;
  - iv) graphs;
  - v) photos;
  - vi) data sheets;
  - vii) user manuals;
  - viii) description of the product.

Table 1: Bid Evaluation Matrix – ISS EUD

Req. #	Requirement Statement	Method of Compliance	Additional Instructions to Bidder and Evaluation Criteria
<b>SOW 7</b>	<b>QUALITY ASSURANCE</b>		
SOW 7.1	Contractor must have one or more of the following certifications:  a) ISO 9001; or b) AS9100D	Certificate of Compliance	This will be deemed compliant if the certificate or a signed attestation demonstrates that the requirement is met.
<b>ISS EUD Specs 1</b>	<b>General Requirements</b>		
<b>ISS EUD Specs 1.1</b>	<b>Non-Developmental Item</b>		
ISS EUD Specs 1.1.1	ISS EUD must be: a) Of proven (tested) design; b) In current production, not obsolete and were produced within the past 12 months; c) Be in-use by an ABCANZ member armed forces, or the US Department of National Defence (DOD) Program Executive Office Soldier (PEO) and a quantity greater than 650 units sold to the armed forces; d) Provided with Identification marking and Linear Barcode Symbologies.	Explanation	Bidder must provide the following information in their explanation:  a) Model number of the product; b) Confirmation that the product is not obsolete, currently in production and has been within the past 12 months. c) Confirmation that a quantity of the proposed equipment greater than 650 units sold to ABCANZ armed forces members or the US Department of National Defence (DOD) Program Executive Office Soldier (PEO); and d) Identification Plates, Linear Barcode Symbologies or Product Marking.

<b>ISS EUD Specs 1.2</b>	<b>EUD Platform</b>		
ISS EUD Specs 1.2.1	ISS EUD must be an Android based Smartphone	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 1.2.2	ISS EUD must support and run Android 10 or later	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 1.2.3	ISS EUD must be compliant with National Information Assurance Partnership	Certificate of Compliance	This will be deemed compliant if the certificate or a signed attestation demonstrates that the requirement is met.
ISS EUD Specs 1.2.4	ISS EUD must have security software features that meet requirements laid out in section 4.2	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD Specs 1.2.5	ISS EUD must be compatible, proven and tested with ATAK 4.5	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 1.2.6	ISS EUD must be compatible with tactical military radios, specifically the L3Harris AN/PRC 163 or RF-9820S.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 1.2.7	ISS EUD must be compatible with the Nett Warrior Interconnect Architecture (NWPAN)	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 1.2.8	ISS EUD Software and OS interface must fully support both official languages: French and English.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>ISS EUD SPECS 2</b>	<b>PHYSICAL REQUIREMENTS</b>		
<b>ISS EUD Specs 2.1</b>	<b>Device Size</b>		

ISS EUD Specs 2.1.1	Dimensions of ISS EUD, including with a Rugged Case, must meet and not exceed the following measurement ranges : a) Height: 150mm to 165mm or 5.9 in to 6.49 in; b) Width: 67mm to 75mm or 2.6 in to 2.95 in; and c) Depth: 18mm or 0.70 in	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>ISS EUD Specs 2.2</b>	<b>Screen Size</b>		
ISS EUD Specs 2.2.1	ISS EUD must have a screen dimension range between 157.48 to 169mm or 6.2" to 6.65" measured diagonally ;	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 2.2.2	ISS EUD have a minimum resolution display of 2400x1080 (Width x Height) pixels;	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>ISS EUD Specs 2.3</b>	<b>Weight</b>		
ISS EUD Specs 2.3.1	The weight of the ISS EUD must not exceed 600g or 21.16oz which includes the EUD, the Stylus, the chest mount and the Rugged case.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>ISS EUD Specs 2.4</b>	<b>Touch screen Display</b>		
ISS EUD Specs 2.4.1	The EUD must include a touch screen interface	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 2.4.2	The EUD touch screen must be resistant to scratch and hard contact damage	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 2.4.3	The EUD touch screen must be resistant to drop, up to 1.6 meters	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 2.4.4	ISS EUD touch screen must be usable with gloves	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 2.4.5	ISS EUD touchscreen must be usable with Stylus	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.

ISS EUD Specs 2.4.6	ISS EUD must be readable in sunlight	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 2.4.7	ISS EUD must be readable in low light condition	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 2.4.8	ISS EUD must have a control to turn off the display without shutting down the EUD	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 2.4.9	ISS EUD must allow the control and display of the BMS	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 2.4.10	The touch screen must allow the ISS user to interact with the BMS.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 2.4.11	ISS EUD display luminance must be adjustable by the user using a control, over the full range of supported luminance levels (i.e. dimmest to brightest) , with one of the following control characteristics: a) A control that provides at least five (5) discrete steps; or b) An infinitely variable control.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>ISS EUD Specs 2.5</b>	<b>Camera</b>		
ISS EUD Specs 2.5.1	ISS EUD must include front and rear camera	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 2.5.2	ISS EUD rear camera must have a minimum of 50MP resolution	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 2.5.3	ISS EUD Camera must be used in low light environment, without the use of a flash, to gather intelligence.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.

ISS EUD Specs 2.5.4	ISS EUD must record at least a 3840 x 2160 pixels video	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>ISS EUD Specs 2.6</b>	<b>Finish and Color</b>		
ISS EUD Specs 2.6.1	ISS EUD , Accessory and Stylus must meet at least one of these finish and color : a) Non-reflective flat green finish; b) Non-reflective flat black finish; c) Non-reflective flat brown finish; or d) Non-reflective flat gray finish.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>ISS EUD Specs 2.7</b>	<b>Storage Capacity</b>		
ISS EUD Specs 2.7.1	ISS EUD must have a minimum internal storage capacity of 64GB	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD Specs 2.7.2	ISS EUD must have extendable storage using a microSD Card and support a minimum of 512MB capacity.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
<b>ISS EUD Specs 2.8</b>	<b>Power and Battery</b>		
ISS EUD Specs 2.8.1	ISS EUD must have an internal rechargeable battery with a minimum capacity of 4000 mAh.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>ISS EUD Specs 2.9</b>	<b>Speaker, Microphone and Haptic mode</b>		
ISS EUD Specs 2.9.1	ISS EUD must have a built-in microphone and internal speaker.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 2.9.2	ISS EUD must have haptic feedback or a vibration feature.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 2.9.3	ISS EUD audible noise emissions from the speaker must be able to be disabled by the user	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.

ISS EUD Specs 2.9.4	ISS EUD audible noise emission from the haptic feedback or vibration feature must be able to be disabled by the user	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 2.9.5	ISS EUD must have a visual indication on the touch screen interface indicating that audio signals and haptic mode are turned off.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>ISS EUD Specs 2.10</b>	<b>Sensors</b>		
ISS EUD Specs 2.10.1	ISS EUD must have the following sensors: a) Accelerometer, b) Barometer, c) Gyro Sensor, d) Geomagnetic Sensor, e) RGB Light Sensor, f) Proximity Sensor.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
<b>ISS EUD Specs 3</b>	<b>Interface Requirements</b>		
<b>ISS EUD Specs 3.1</b>	<b>Network &amp; Connectivity</b>		
ISS EUD Specs 3.1.1	ISS EUD must support an USB 2.0 interface ;	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD Specs 3.1.2	ISS EUD must have a micro SD expansion slot;	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD Specs 3.1.3	ISS EUD must have a WiFi 802.11n a/b/g/n interface which can be enabled and disabled;	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD Specs 3.1.4	ISS EUD must have a Bluetooth version 4 interface which can be enabled and disabled;	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD Specs 3.1.5	ISS EUD must have a dedicated internal GPS which can be enabled and disabled;	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.

ISS EUD Specs 3.1.6	ISS EUD must support a minimum of three (3) Ethernet interfaces;	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD Specs 3.1.7	ISS EUD must be compatible with tactical military radios, specifically the L3Harris AN/PRC 163 or RF-9820S.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
<b>ISS EUD Specs 3.2</b>	<b>Connectors</b>		
ISS EUD Specs 3.2.1	ISS EUD must be compatible with connectors that mates with the connectors specified in Nett Warrior Interconnect Architecture White Paper (NWPAN-WP-01112013) version 6, Table IV;	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 3.2.2	ISS EUD must be equipped with USB type C connector.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD Specs 3.2.3	ISS EUD must receive power from ISS Battery.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>ISS EUD Specs 3.3</b>	<b>Ports</b>		
<b>ISS EUD Specs 3.3.1</b>	<b>General</b>		
ISS EUD Specs 3.3.1.1	ISS EUD must operate as the USB host while interfacing with the host port of the Hub	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 3.3.1.2	ISS EUD data port must be compliant with Universal Serial Bus (USB) Revision 2.0 Specifications or Ethernet	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 3.3.1.3	ISS EUD must support USB-to-Ethernet devices.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 3.3.1.4	ISS EUD must support USB host Remote Network Driver Interface Specification (RNDIS).	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>ISS EUD Specs 3.3.2</b>	<b>Power Ports</b>		



ISS EUD Specs 3.3.2.1	All power ports must be compliant with the System Management Bus (SMBus) Specification.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 3.3.2.2	ISS EUD must support Programmable Power Supply (PPS) and USB-C Power Delivery (USB PD) specification.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>ISS EUD Specs 3.4</b>	<b>Chest Mount</b>		
ISS EUD Specs 3.4.1	ISS EUD must be able to be chest mounted on the ISS vest and be compliant with requirements in Appendix 4.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>ISS EUD Specs 3.5</b>	<b>Stylus</b>		
ISS EUD Specs 3.5.1	ISS EUD must be provided with a capacitive or active stylus	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 3.5.2	The Stylus can be a third party product.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 3.5.3	In the case the Stylus is a third party product, the OEM must disclose the company name and country of origin of that third party.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 3.5.4	The Stylus must incorporate means of attachment to Molle Webbing	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 3.5.5	The Stylus must be easily accessible when attached to the ISS Vest	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>ISS EUD Specs 4</b>	<b>FUNCTIONAL Requirements</b>		
<b>ISS EUD Specs 4.1</b>	<b>Security features</b>		
ISS EUD Specs 4.1.1	ISS EUD must provide an access control mechanism to prevent unauthorized access.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD Specs 4.1.2	ISS EUD must provide user authentication.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.

ISS EUD Specs 4.1.3	ISS EUD must use a hardware backed trusted environment.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD Specs 4.1.4	ISS EUD must provide App isolation	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD Specs 4.1.5	ISS EUD must provide data protection (including: data at rest and data in transit) from unauthorized access.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD Specs 4.1.6	ISS EUD must provide disk encryption support and data security to protect tactical and sensitive data.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD Specs 4.1.7	ISS EUD must provide runtime protection and encryption.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD Specs 4.1.8	ISS EUD must provide the ability to perform device tracking and locking.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD Specs 4.1.9	ISS EUD must provide the ability for device management, provisioning and deployment through SMSS	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD Specs 4.1.10	ISS EUD ISS EUD must be able to wipe phone data.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD Specs 4.1.11	ISS EUD digital data must be secured when stored in the main data storage as well as on the External data storage.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.

ISS EUD Specs 4.1.12	ISS EUD digital data must be secured using both cryptographic encryption and integrity protection.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD Specs 4.1.13	ISS EUD must be manageable through SMSS.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>ISS EUD Specs 4.2</b>	<b>Compatibility</b>		
ISS EUD Specs 4.2.1	ISS EUD must be Compatible with ISS Radios: Harris AN/PRC-163 or RF 9820S;	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD Specs 4.2.2	ISS EUD must be Compatible with ISS Hub: Glenair STARPAN II and STARPAN VI;	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD Specs 4.2.3	ISS EUD must be Compatible with ATAK 4.5 or later.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD Specs 4.2.4	ISS EUD must be Compatible with the Defense Advanced GPS Receiver (DAGR);	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD Specs 4.2.5	ISS EUD must be Compatible with Nett Warrior Interconnect Architecture (NWPAN)	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 4.2.6	ISS EUD must be Compatible with the SMSS.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>ISS EUD Specs 5</b>	<b>SUSTAINABILITY REQUIREMENTS</b>		
<b>ISS EUD Specs 5.1</b>	<b>Reliability</b>		
ISS EUD Specs 5.1.1	ISS EUD must have a Mean Time Between Failure not less than 500 hours.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.

<b>ISS EUD Specs 5.2</b>	<b>Built In Test (BIT)</b>			
ISS EUD Specs 5.2.1	ISS EUD must perform a BIT at the command of the user.		Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>ISS EUD Specs 5.3</b>	<b>ISS EUD In Service Support</b>			
ISS EUD Specs 5.3.1	In order to avoid rapidly obsolescence of the ISS EUD:			
ISS EUD Specs 5.3.1.1	ISS EUD Software must be maintained by the OEM for a minimum of 2 years;		Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 5.3.1.2	ISS EUD software Software maintenance must include : a) the custom ROM or Android upgrade, b) device firmware upgrade and, c) security patches.		Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>ISS EUD Specs 6</b>	<b>Environment Conditions</b>			
<b>ISS EUD Specs 6.1</b>	<b>General</b>			
ISS EUD Specs 6.1.1	ISS EUD must meet IP68 rating to withstand dust, dirt and sand, and are resistant to submersion up to a maximum depth of 1.5m in freshwater for up to thirty minutes.		Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 6.1.2	ISS EUD must meet the requirements defined in Appendix 3.		Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 6.1.3	ISS EUD rugged requirements can be met through a Rugged case.		Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>ISS EUD Specs 7</b>	<b>HEALTH AND SAFETY</b>			
<b>ISS EUD Specs 7.1</b>	<b>General</b>			

ISS EUD Specs 7.1.1	ISS EUD must not present environmental, health or system safety hazards of a Catastrophic or Critical mishap severity.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD Specs 7.1.2	ISS EUD must not present a Catastrophic or Critical hazard to the operator and surrounding environment even when so damaged that it allows the ingress of water, egress of internal substances, or foreign material.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>ISS EUD Specs 7.2</b>	<b>Mechanical Safety</b>		
ISS EUD Specs 7.2.1	ISS EUD must bear no raw, sharp, or rough edges on any parts.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.

Table 2: Bid Evaluation Matrix – ISS SMSS

Req. #	Requirement Statement	Method of Compliance	
<b>ISS SMSS Specs 1</b>	<b>GENERAL REQUIREMENTS</b>		
ISS SMSS Specs 1.1	ISS SMSS must be: a) In current production (not obsolete) and have been in production within the past 12 months; b) Be in-use by a ABCANZ member armed forces;	Explanation	Bidder must provide the following information in their Explanation: a) Confirmation that the product is currently in production and has been within the past 12 months; b) The solution is currently in use by a ABCANZ member armed forces.
ISS SMSS Specs 1.2	ISS SMSS must be a standalone and on premise solution;	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 1.3	ISS SMSS must operate in a close and secure network;	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 1.4	ISS SMSS license must not expire	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 1.5	ISS SMSS license must not have any recurring fees for 5 years	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 1.6	ISS SMSS must be able to enroll, provision, configure, secure and manage a set of EUDs including content and applications	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.

Req. #	Requirement Statement	Method of Compliance	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 1.7	ISS SMSS must be able to operate offline (not connected to internet) and import software update and patches using a USB stick	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 1.8	ISS SMSS must be able to push/pull applications, software update and patches to a set of EUDs	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 1.9	ISS SMSS must work on a standalone server running TAK Server and WINTAK 4.3 or later	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 1.10	ISS SMSS must be Compatible with CAF in service Panasonic Toughbook CF33	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 1.11	ISS SMSS must be Compatible, proven and tested with latest version of ATAK , TAK Server and WINTAK	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 1.12	ISS SMSS must interface with a set of EUDs using both USB and WiFi interfaces	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 1.13	ISS SMSS must be proven to manage and support at least 10 EUDs	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 1.14	ISS SMSS interface must be in the English language	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>ISS SMSS Specs 2</b>	<b>FUNCTIONAL REQUIREMENTS</b>		
<b>ISS SMSS Specs 2.1</b>	<b>Platform</b>		

Req. #	Requirement Statement	Method of Compliance	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 2.1.1	ISS SMSS must be running on Windows 10	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 2.1.2	ISS SMSS must be Compatible with the EUD	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 2.1.3	ISS SMSS must manage at minimum Windows 10 and Android 10 devices	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>ISS SMSS Specs 2.2</b>	<b>Security Management</b>		
ISS SMSS Specs 2.2.1	<b>Interfaces</b>	Explanation	
ISS SMSS Specs 2.2.1.1	The ISS SMSS must restrict users and applications from accessing hardware and sensors such as: a) Cellular interface b) GPS c) Bluetooth interface d) USB interphase e) Removable Storage	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 2.2.1.2	The ISS SMSS must restrict users and applications from accessing native Android services such as: a) Built-in web browser b) Email client c) Calendaring d) Contacts e) Application installation services;	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.



Req. #	Requirement Statement	Method of Compliance	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 2.2.1.3	The ISS SMSS must control all radios/communications on the EUD: a) Cellular (enable/disable) b) WiFi (enable/disable) c) Bluetooth (enable/disable) d) NFC (enable/disable)		
ISS SMSS Specs 2.2.2	<b>Data Communication and Storage</b>		
ISS SMSS Specs 2.2.2.1	The ISS SMSS must strongly encrypt stored data on both built-in and removable storage	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 2.2.2.2	The ISS SMSS must provide data protection( including data at rest and data in transit) from unauthorized access	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 2.2.2.3	The ISS SMSS must have the capacity to remotely wipe the EUD	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 2.2.3	<b>Application and Content management</b>		
ISS SMSS Specs 2.2.3.1	The ISS SMSS must restrict any app store from being used	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 2.2.3.2	The ISS SMSS must restrict which application may be installed and removed by the user	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 2.2.3.3	The ISS SMSS must provide App isolation on the EUD	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.

Req. #	Requirement Statement	Method of Compliance	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 2.2.3.4	The ISS SMSS must keep a current inventory of all applications installed on the EUD	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 2.2.3.5	The ISS SMSS must restrict the use of Operating system and application synchronization services, such as: local device synchronization, remote synchronization services and websites	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 2.2.3.6	The ISS SMSS must verify digital signatures on applications to ensure that only applications from trusted entities are installed on the device and the code has not been modified	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 2.2.4	<b>User and Device Authentication</b>		
ISS SMSS Specs 2.2.4.1	The ISS SMSS must be able to set and control a maximum number of password attempts on the EUD	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS SMSS Specs 2.2.4.2	The ISS SMSS must be able to reset the EUD password or passcode to restore access to the EUD.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.

Table 3: Bid Evaluation Matrix – Rugged Case

Req. #	Requirement Statement	Method of Compliance	Additional Instructions to Bidder and Evaluation Criteria
<b>Rugged case Specs 1</b>	<b>GENERAL REQUIREMENTS</b>		
<b>Rugged case Specs 1.1</b>	<b>Non-Developmental Item</b>		
Rugged case Specs 1.1.1	Rugged case must be:  a) Of proven (tested) design; and b) In current production or have been in production within the past 12 months; and c) Be in-use by a ABCANZ member armed forces, or the US Department of National Defence (DOD) Program Executive Office Soldier (PEO) and a quantity greater than 650 units sold to the armed forces; d) Provide with Make, Model and Serial Number.	Explanation	Bidder must provide the following information in their Explanation:  a) The product must be of proven design; b) Confirmation that the product is currently in production or has been within the past 24 months; c) A quantity of the proposed equipment greater than 650 units sold to ABCANZ armed forces members or the US Department of National Defence (DOD) Program Executive Office Soldier (PEO); and d) Identification and Linear Barcode Symbologies provided.
Rugged case Specs 1.1.2	The manufacturer of the Rugged case must be an official partner of the EUD OEM.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>Rugged case Specs 2</b>	<b>PHYSICAL REQUIREMENTS</b>		
<b>Rugged case Specs 2.1</b>	<b>Size</b>		
Rugged case Specs 2.1.1	ISS EUD must fit in the Rugged Case.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>Rugged case Specs 3</b>	<b>INTERFACE REQUIREMENTS</b>		
<b>Rugged case Specs 3.1</b>	<b>Interface with EUD</b>		
Rugged case Specs 3.1.1	Each Rugged case must be compatible with the EUD.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
Rugged case Specs 3.1.2	Each part and accessory of the Rugged case has the ability to be replaced if broken.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.

<b>Rugged case Specs 4</b>	<b>FUNCTIONAL REQUIREMENTS</b>			
<b>Rugged case Specs 4.1</b>	<b>EUD Sensors</b>			
Rugged case Specs 4.1.1	The Rugged case must not reduce performance of these sensors on the EUD: a) Accelerometer b) Barometer c) Gyro Sensor d) Geomagnetic Sensor e) RGB Light Sensor f) Proximity Sensor	Explanation		This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>Rugged case Specs 4.2</b>	<b>EUD ports</b>			
Rugged case Specs 4.2.1	Rugged case must have Integrated Ports and buttons which extend native ISS EUD ports and buttons	Explanation		This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>Rugged case Specs 4.3</b>	<b>Screen protector</b>			
Rugged case Specs 4.3.1	The Rugged case must include a Screen Protector	Explanation		This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
Rugged case Specs 4.3.2	The Screen Protector must a) Allow direct contact with screen and soft-touch button for gloved soldiers. b) Have the ability to reduce smudges c) Provide impact protection d) Have Antiglare	Explanation		This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>Rugged case Specs 5</b>	<b>ENVIRONMENT CONDITIONS</b>			
<b>Rugged case Specs 5.1</b>	<b>General</b>			
Rugged case Specs 5.1.1	Rugged case must meet all performance requirements of this Technical Requirement Specification without incurring one or more of the following defects during and after exposure to any combination of the meteorological and induced climatic conditions described in this section: Physical Damage, Malfunction, and Degradation of Performance.	Explanation		This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>Rugged case Specs 5.2</b>	<b>Low Pressure (Altitude)</b>			

Rugged case Specs 5.2.1	Rugged case must operate without incurring one or more defects during and after being exposed to all altitudes from sea level to 4572 meters.	Explanation	This technical evaluation criterion will be met if the Explanation contains the following Confirmations from the Bidder:  a) Rugged case was tested in an operational state, and IAW MIL-STD-810H, Method 500.6, Procedure II or an equivalent Method and Procedure of MIL-STD-810G; and b) Test Results determined the following for the Rugged case during and after the test: i) no display of any change in material characteristics; ii) no evidence of physical damage; and iii) no malfunction or degradation of performance.
<b>Rugged case Specs 5.3</b>	<b>High Temperature – Operation</b>		
Rugged case Specs 5.3.1	Rugged case must operate without incurring one or more defects during and after being exposed to all high temperature environments associated with the A3, A2 and A1 (+49°C max) climatic regions as described in MIL-STD-810H.	Explanation	This technical evaluation criterion will be met if the Explanation contains the following Confirmations from the Bidder:  a) Rugged case was tested in an operational state, and IAW MIL-STD-810H, Method 501.7, Procedure II, or an equivalent Method and Procedure of MIL-STD-810G; and b) Test Results determined the following for the Rugged case during and after the test: i) no display of any change in material characteristics; ii) no evidence of physical damage; and no malfunction or degradation of performance.
<b>Rugged case Specs 5.4</b>	<b>High Temperature - Storage</b>		

Rugged case Specs 5.4.1	Rugged case must be stored without incurring one or more defects during and after being exposed to all high temperature environments associated with the A3, A2, and A1 climatic regions as described in MIL-STD-810H.	Explanation	This technical evaluation criterion will be met if the Explanation contains the following Confirmations from the Bidder:  a) Rugged case was tested IAW MIL-STD-810H, Method 501.7, Procedure I or an equivalent Method and Procedure of MIL-STD-810G; and b) Test Results determined the following for the Rugged case during and after the test: i) no display of any change in material characteristics; ii) no evidence of physical damage; and iii) no malfunction or degradation of performance.
<b>Rugged case Specs 5.5</b> Rugged case Specs 5.5.1	<b>Low Temperature - Operation</b> Rugged case must operate without incurring one or more defects during and after being exposed to all low temperature environments associated with a C0 and C1 (-30°C min) climatic region as described in MIL-STD-810.  For this requirement, the lower boundary of the C1 climatic region will be evaluated at -30°C.	Explanation	This technical evaluation criterion will be met if the Explanation contains the following Confirmations from the Bidder:  a) Rugged case was tested in an operational state, and IAW MIL-STD-810H, Method 502.7, Procedure I or an equivalent Method and Procedure of MIL-STD-810G; and b) Test Results determined the following for the Rugged case during and after the test: i) no display of any change in material characteristics; ii) no evidence of physical damage; and iii) no malfunction or degradation of performance.
<b>Rugged case Specs 5.6</b> Rugged case Specs 5.6.1	<b>Low Temperature - Storage</b> Rugged case must be stored without incurring one or more defects during and after being exposed to all low temperature	Explanation	This technical evaluation criterion will be met if the Explanation contains the following Confirmations from the Bidder:

	environments associated with a C0 and C1 (-30°C min) climatic region as described in MIL-STD-810.  For this requirement, the lower boundary of the C1 climatic region will be evaluated at -30°C.		<p>a) Rugged case was tested IAW MIL-STD-810H, Method 502.7, Procedure II or an equivalent Method and Procedure of MIL-STD-810G; and</p> <p>b) Test Results determined the following for the Rugged case during and after the test:</p> <ul style="list-style-type: none"> <li>i) no display of any change in material characteristics;</li> <li>ii) no evidence of physical damage; and</li> <li>iii) no malfunction or degradation of performance.</li> </ul>
<b>Rugged case Specs 5.7</b> Rugged case Specs 5.7.1	<b>Temperature Shock</b>  Rugged case must operate without incurring one or more defects during and after being exposed to conditions of rapid changes in ambient air temperature as encountered during movements between in-door environments and out-door environments at either high temperature (+49°C) and low temperature (-30°C) extremes.  For this requirement, the Rugged case did not require any physical modifications or preparations in advance.	Explanation	<p>This technical evaluation criterion will be met if the Explanation contains the following Confirmations from the Bidder:</p> <p>a) Rugged case was tested in an operational state, and IAW MIL-STD-810H, Method 503.7, Procedure I-C or Procedure I-D, or an equivalent Method and Procedure of MIL-STD-810G; and</p> <p>b) Test Results determined the following for the Rugged case during and after the test:</p> <ul style="list-style-type: none"> <li>i) no display of any change in material characteristics;</li> <li>ii) no evidence of physical damage; and</li> <li>iii) No malfunction or degradation of performance.</li> </ul>
<b>Rugged case Specs 5.8</b>	<b>Contamination by Fluids</b>		

Rugged case Specs 5.8.1	Rugged case must operate without incurring one or more defects during and after being exposed with the fluids listed in Appendix 5 – Fluids List.	Explanation or Analysis Report	<p><u>Explanation:</u> This technical evaluation criterion will be met if the Explanation contains the following Confirmations from the Bidder:</p> <p>a) Rugged case was tested with all fluid listed in Appendix 5, and IAW MIL-STD-810H, Method 504.3, using Intermittent Contamination Procedure, or an equivalent Method and Procedure of MIL-STD-810G; and</p> <p>b) Test Results determined the following for the Rugged case during and after the test:</p> <ul style="list-style-type: none"> <li>i) no display of any change in material characteristics;</li> <li>ii) no evidence of physical damage; and</li> <li>iii) no malfunction or degradation of performance.</li> </ul> <p>Or</p> <p><u>Analysis Report:</u> This technical evaluation criterion will be met if the Analysis Report demonstrates that the requirement is met.</p>
<b>Rugged case Specs 5.9</b>	<b>Solar Radiation (Sunshine)</b>		
Rugged case Specs 5.9.1	Rugged case must operate without incurring one or more defects during and after being exposed in all high solar radiation environments associated with A1 and A2 climatic regions as described in MIL-STD-810H.	Explanation or Analysis Report	<p><u>Explanation:</u> This technical evaluation criterion will be met if the Explanation contains the following Confirmations from the Bidder:</p> <p>a) Rugged case was tested in an operational state, and IAW MIL-STD-810H, Method 505.7 Procedure I, or an equivalent Method and Procedure of MIL-STD-810G;</p> <p>b) A1 climatic conditions were used; and</p> <p>c) Test Results determined the following for the Rugged case during and after the test:</p>



			<div><div><div><div><div></div><div>i) no display of any change in materiel characteristics;</div></div><div><div></div><div>ii) no evidence of physical damage; and</div></div><div><div></div><div>iii) no malfunction or degradation of performance.</div></div></div><div>Or</div><div><div>Analysis Report:</div><div>This technical evaluation criterion will be met if the Analysis Report demonstrates that the requirement is met.</div></div></div></div>
<b>Rugged case Specs 5.10</b>	<b>Rain</b>		
Rugged case Specs 5.10.1	Rugged case must operate without incurring one or more defects during and after being exposed to conditions of rainfall exposure of a minimum 1.7 mm/min as described in MIL-STD-810H.	Explanation	<div><div>This technical evaluation criterion will be met if the Explanation contains the following Confirmations from the Bidder:</div><div><div>a) Rugged case was tested in an operational state, and IAW MIL-STD-810H, Method 506.6, Procedure I (Rain and Blowing Rain) or an equivalent Method and Procedure of MIL-STD-810G; and</div><div>b) Test Results determined the following for the Rugged case during and after the test:<div><div>i) no display of any change in materiel characteristics;</div><div>ii) evidence of physical damage; and</div><div>iii) no malfunction or degradation of performance.</div></div></div></div></div>
<b>Rugged case Specs 5.11</b>	<b>Humidity</b>		
Rugged case Specs 5.11.1	Rugged case must operate without incurring one or more defects during and after being exposed to all high humidity environments associated with B1, B2 and B3 climatic regions as described in MIL-STD-810H.	Explanation	<div><div>This technical evaluation criterion will be met if the Explanation contains the following Confirmations from the Bidder:</div><div><div>a) Rugged case was tested in an operational state, and IAW MIL-STD-810H, Method 506.6, Procedure II, (Aggravated) or an equivalent Method and Procedure of MIL-STD-810G;</div><div>b) Test Results determined the following for the Rugged case during and after the test:</div></div></div>

				<ul style="list-style-type: none"> <li>i) no display of any change in material characteristics;</li> <li>ii) no evidence of physical damage; and</li> <li>iii) no malfunction or degradation of performance.</li> </ul>
<b>Rugged case Specs 5.12</b>	<b>Fungus</b>			
Rugged case Specs 5.12.1	Rugged case must not contain materials that support fungus growth.		Explanation or Analysis Report	<p><u>Explanation:</u> This technical evaluation criterion will be met if the Explanation contains the following Confirmations from the Bidder:</p> <ul style="list-style-type: none"> <li>a) Rugged case was tested IAW MIL-STD-810H, Method 508.8 or an equivalent Method and Procedure of MIL-STD-810G.; and</li> <li>b) Test Results determined the following for the Rugged case during and after the test: <ul style="list-style-type: none"> <li>i) no display of any change in material characteristics;</li> <li>ii) no display of fungus;</li> <li>iii) no evidence of physical damage; and</li> <li>iv) no malfunction or degradation of performance.</li> </ul> </li> </ul> <p>Or</p> <p><u>Analysis Report:</u> This technical evaluation criterion will be met if the Analysis Report demonstrates that the requirement is met.</p>
<b>Rugged case Specs 5.13</b>	<b>Salt fog</b>			
Rugged case Specs 5.13.1	Rugged case must operate without incurring one or more defects during and after being exposed to a salt fog atmosphere.		Explanation or Analysis Report	<p>This technical evaluation criterion will be met if the Explanation contains the following Confirmations from the Bidder:</p> <ul style="list-style-type: none"> <li>a) Rugged case was tested in an operational state, and IAW MIL-STD-810H, Method 509.7 or an</li> </ul>

				<p>equivalent Method and Procedure of MIL-STD-810G; and</p> <p>b) Test Results determined the following for the Rugged case during and after the test:</p> <ul style="list-style-type: none"><li>i) no display of any change in material characteristics;</li><li>ii) no display of corrosion;</li><li>iii) no evidence of physical damage; and</li><li>iv) no malfunction or degradation of performance.</li></ul>
<p><b>Rugged case Specs 5.14</b></p> <p>Rugged case Specs 5.14.1</p>	<p><b>Sand and Dust</b></p> <p>Rugged case must operate without incurring one or more defects during and after being exposed to a blowing sand and dust environment.</p>	<p>Explanation</p>	<p>This technical evaluation criterion will be met if the Explanation contains the following Confirmations from the Bidder:</p> <p><u>Dust:</u></p> <ul style="list-style-type: none"><li>a) Rugged case was tested in an operational state, and IAW MIL-STD-810H Method 510.7 procedure I or an equivalent Method and Procedure of MIL-STD-810G; and</li><li>b) Test Results determined the following for the Rugged case during and after the test:<ul style="list-style-type: none"><li>i) no display of any change in material characteristics;</li><li>ii) no evidence of physical damage; and</li><li>iii) no malfunction or degradation of performance.</li></ul></li></ul> <p>And</p> <p><u>Sand:</u></p> <ul style="list-style-type: none"><li>a) Rugged case was tested in an operational state, and IAW MIL-STD-810H Method 510.7 procedure II or an equivalent Method and Procedure of MIL-STD-810G; and</li></ul>	

			<p>b) Test Results determined the following for the Rugged case during and after the test:</p> <ul style="list-style-type: none"> <li>i) no display of any change in material characteristics;</li> <li>ii) no evidence of physical damage; and</li> <li>iii) no malfunction or degradation of performance.</li> </ul>
<p><b>Rugged case Specs 5.15</b> Rugged case Specs 5.15.1</p>	<p><b>Explosive Atmosphere</b> Rugged case must not be hazardous in an explosive environment</p>	<p>Explanation or Analysis Report</p>	<p>Explanation: This technical evaluation criterion will be met if the Explanation contains the following Confirmations from the Bidder:</p> <ul style="list-style-type: none"> <li>a) Rugged case was tested in an operational state, and IAW MIL-STD-810H, Method 511.7 Procedure I or an equivalent Method and Procedure of MIL-STD-810G;</li> <li>b) All devices were disconnected and reconnected to the Rugged case during the test; and</li> <li>c) Test Results determined the following for the Rugged case during and after the test: <ul style="list-style-type: none"> <li>i) no display of any change in material characteristics;</li> <li>ii) Rugged case does not cause ignition in a fuel-air explosive atmosphere;</li> <li>iii) no evidence of physical damage; and</li> <li>iv) no malfunction or degradation of performance.</li> </ul> </li> </ul> <p>Or <u>Analysis Report:</u> This technical evaluation criterion will be met if the Analysis Report demonstrates that the requirement is met.</p>
<p><b>Rugged case Specs 5.16</b></p>	<p><b>Water Immersion</b></p>		

Rugged case Specs 5.16.1	During and after a water immersion of one (1) meter depth for a minimum of 30 minutes, the Rugged case must: a) Not allow water or moisture ingress; and b) Operate without incurring one or more defects.	Explanation	This technical evaluation criterion will be met if the Explanation contains the following Confirmations from the Bidder:  a) Rugged case was tested in an operational state, and IAW MIL-STD-810H, Method 512.6 Procedure I (Immersion) or an equivalent Method and Procedure of MIL-STD-810G; and b) Test Results determined the following for the Rugged case during and after the test: i) no display of any change in material characteristics; ii) no evidence of physical damage; and iii) no malfunction or degradation of performance.
<b>Rugged case Specs 5.17</b>	<b>Vibration</b>		
Rugged case Specs 5.17.1	Rugged case must operate without incurring one or more defects after and during being exposed to vibrations of military ground vehicles.	Explanation	This technical evaluation criterion will be met if the Explanation contains the following Confirmations from the Bidder:  a) Rugged case tested IAW any of the following Procedures of Method 514.8 in MIL-STD-810H: a. Procedure I, with any of the following vibration profiles: i) Category 4 - Two-wheeled Trailer; or ii) Category 24 - General Minimum Integrity, vibration profile identified in Figure 514.8E-1. b. Procedure II, using a vibration profile described in Category 5 - Truck/trailer; b) Test Results determined the following for the Rugged case during and after the test: i) no display of any change in material characteristics; ii) no evidence of physical damage; and iii) no malfunction or degradation of performance.

				Equivalent Methods and Procedures of MIL-STD-810G are also accepted.
<b>Rugged case Specs 5.18</b>	<b>Functional Shock</b>			
Rugged case Specs 5.18.1	Rugged case must operate without incurring one or more defects during and after being exposed to shocks associated with dismounted soldier operations.	Explanation	This technical evaluation criterion will be met if the Explanation contains the following Confirmations from the Bidder:	<p>a) Rugged case tested in an operational state, and IAW MIL-STD-810H, Method 516.8 Procedure I (Functional Shock) or an equivalent Method and Procedure of MIL-STD-810G; and</p> <p>b) Test Results determined the following for the Rugged case during and after the test:</p> <ul style="list-style-type: none"> <li>i) no display of any change in materiel characteristics;</li> <li>ii) no evidence of physical damage; and</li> <li>iii) no malfunction or degradation of performance.</li> </ul>
<b>Rugged case Specs 5.19</b>	<b>Transit Drop</b>			
Rugged case Specs 5.19.1	Rugged case must operate without incurring one or more defects during and after experiencing 1.22m drops.	Explanation	This technical evaluation criterion will be met if the Explanation contains the following Confirmations from the Bidder:	<p>a) Rugged case was tested IAW MIL-STD-810H, Method 516.8 Procedure IV (Transit Drop) or an equivalent Method and Procedure of MIL-STD-810G;</p> <p>b) Rugged case unpacked and in a non-operational state with no device connected;</p> <p>c) Test Results determined the following for the Rugged case during and after the test:</p> <ul style="list-style-type: none"> <li>i) no display of any change in materiel characteristics;</li> <li>ii) no evidence of physical damage; and</li> <li>iii) no malfunction or degradation of performance.</li> </ul>

<b>Rugged case Specs 5.20</b> Rugged case Specs 5.20.1	<b>Electric field, radiated susceptibility</b> Rugged case must operate without incurring one or more defects during and after being exposed to an electrical field of 50V/m at frequencies of 2MHz to 18GHz.	Explanation	This technical evaluation criterion will be met if the Explanation contains the following Confirmations from the Bidder:  a) Test IAW MIL-STD-461G, test RS103 or an equivalent Method and Procedure of MIL-STD-461F; b) Rugged case tested in an operational state; c) Test Results determined the following for the Rugged case during and after the test: i) no display of any change in materiel characteristics; ii) no evidence of physical damage; and iii) no malfunction or degradation of performance.
<b>Rugged case Specs 5.21</b> Rugged case Specs 5.21.1	<b>Emission Control (EMCON)</b> Rugged case must meet the EMCON requirement from section 5.14 of MIL-STD-464C. Frequencies tested are outside of 225-450MHz frequency range	Explanation	This technical evaluation criterion will be met if the Explanation contains the following Confirmations from the Bidder:  a) Test IAW MIL-STD-461G, test RE102 or an equivalent Method and Procedure of MIL-STD-461F; b) Rugged case tested in an operational state; c) Test Results determined the following for the Rugged case during and after the test: i) no display of any change in materiel characteristics; ii) no evidence of physical damage; and iii) no malfunction or degradation of performance.
<b>Rugged case Specs 5.22</b>	<b>Electrostatic Discharge</b>		

Rugged case Specs 5.22.1	Rugged case must operate without incurring one or more defects during and after being exposed to electrostatic discharges.	Test Report	This technical evaluation criterion will be met if the Explanation contains the following Confirmations from the Bidder:  a) Rugged case was tested in an operational state, and IAW any of the following Military Standards: i) MIL STD 1686C, 5.2.2.2, Direct Contact, Operating Equipment, 4000V Hand/Metal HBM test; ii) MIL-STD-461G, test CS118, using a Level 3 Discharge or higher; iii) MIL-STD-464C, section 5.8.4 Electrical and electronic subsystems; b) Rugged case tested in an operational state; c) Test Results determined the following for the Rugged case during and after the test: i) no display of any change in material characteristics; ii) no evidence of physical damage; and iii) no malfunction or degradation of performance.
<b>Rugged case Specs 6</b>	<b>HEALTH AND SAFETY</b>		
<b>Rugged case Specs 6.1</b>	<b>General</b>		
Rugged case Specs 6.1.1	Rugged case must not present environmental, health or system safety hazards of a Catastrophic or Critical mishap severity.	Analysis Report or Explanation	This technical evaluation criterion will be met if the Analysis Report or the Explanation demonstrates that the requirement is met.
Rugged case Specs 6.1.2	Rugged case must not present a Catastrophic or Critical hazard to the operator and surrounding environment even when so damaged that it allows the ingress of water, egress of internal substances, or foreign material.	Analysis Report or Explanation	This technical evaluation criterion will be met if the Analysis Report or the Explanation demonstrates that the requirement is met.
<b>Rugged case Specs 6.2</b>	<b>Mechanical Safety</b>		
Rugged case Specs 6.2.1	Rugged case must bear no raw, sharp, or rough edges on any parts.	Analysis Report or Explanation	This technical evaluation criterion will be met if the Analysis Report or the Explanation demonstrates that the requirement is met.
<b>Rugged case Specs 6.3</b>	<b>Thermal Contact Hazard</b>		



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Rugged case Specs 6.3.1	The maximum allowable surface contact temperatures for the Rugged case must be in accordance with MIL-STD-1472G section 5.7.6.9 Thermal contact hazards.	Analysis Report or Explanation	This technical evaluation criterion will be met if the Analysis Report or the Explanation demonstrates that the requirement is met.

Table 4: Bid Evaluation Matrix – Chest mount

Req. #	Requirement Statement	Method of Compliance	Additional Instructions to Bidder and Evaluation Criteria
<b>Chest mount Specs 1</b>	<b>PHYSICAL REQUIREMENTS</b>		
<b>Chest mount Specs 1.1</b>	<b>Size</b>		
Chest mount Specs 1.1.1	Dimensions of Chest mount must be compatible with Rugged Case.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>Chest mount Specs 2</b>	<b>INTERFACE REQUIREMENTS</b>		
Chest mount Specs 2.1	The Chest mount must incorporate means of attachment to Molle Webbing	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
Chest mount Specs 2.2	The Chest mount must have a heavy duty and adjustable friction hinge	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
<b>Chest mount Specs 3</b>	<b>ENVIRONMENT CONDITIONS</b>		
<b>Chest mount Specs 3.1</b>	<b>General</b>		
Chest mount Specs 3.1.1	All Chest mount must meet all performance requirements in this technical requirement specification without incurring physical damage and without degradation of performance, during and after exposure to any combination of the meteorological and induced climatic conditions described in the technical requirement specification of Rugged case	Explanation	This technical evaluation criterion will be met if the Explanation confirms that the requirement is met.
<b>Chest mount Specs 4</b>	<b>HEALTH AND SAFETY</b>		
<b>Chest mount Specs 4.1</b>	<b>General</b>		
Chest mount Specs 4.1.1	All Chest mount must not present environmental, health or system safety hazards of a Catastrophic or Critical mishap severity.	Analysis Report or Explanation	This technical evaluation criterion will be met if the Analysis Report or the Explanation demonstrates that the requirement is met.

Chest mount Specs 4.1.2	All Chest mount must not present a Catastrophic or Critical hazard to the operator and surrounding environment even when so damaged that it allows the ingress of water, egress of internal substances, or foreign material.	Analysis Report or Explanation	This technical evaluation criterion will be met if the Analysis Report or the Explanation demonstrates that the requirement is met.
<b>Chest mount Specs 4.2</b>	<b>Mechanical Safety</b>		
Chest mount Specs 4.2.1	All Chest mount must bear no raw, sharp, or rough edges on any parts.	Analysis Report or Explanation	This technical evaluation criterion will be met if the Analysis Report or the Explanation demonstrates that the requirement is met.
<b>Chest mount Specs 4.3</b>	<b>Thermal Hazard</b>		
Chest mount Specs 4.3.1	The maximum allowable surface contact temperatures for all Chest mount must be in accordance with MIL-STD-1472G section 5.7.6.9 Thermal contact hazards.	Analysis Report or Explanation	This technical evaluation criterion will be met if the Analysis Report or the Explanation demonstrates that the requirement is met.

ANNEX B, BASIS OF PAYMENT-TO BE COMPLETED BY BIDDER (Taxes and Customs Duties excluded in all Tables)					
Table 1	FIRM REQUIREMENTS (Table 1 to be completed by Bidder)				
	Firm		Qty	Firm to be delivered 22 weeks after contract award	Extended Price
	1	ISS EUD	1250		\$ -
	2	Accessories	1250		\$ -
	3	Sylus	30		\$ -
	4	ISS SMSS license and Installation	1		\$ -
If blocks,1-4 , must be filled out for Total evaluated price			Total Extended Price		\$ -

Table 2	OPTIONAL REQUIREMENTS (Table 2 to be completed by Bidder)				
			Qty (up to)*	Contract Award until Option Year 1	Option Year 1
	Note: Optional Requirements are not firm orders. Canada may or may not exercise one or all items within this table. The Optional Requirements do not in any way constitute a commitment on behalf of Canada. Canada may exercise the quantities at any time throughout the exercised Optional year.				
	1	ISS EUD	2500		\$ -
	2	Accessories	2500		\$ -
	3	Sylus	3720		\$ -
ISS SMSS license and Installation					\$ -
If blocks,1-4 , must be filled out for Total evaluated price			Total Extended Price		\$ -

Table 3	Optional Spare Parts Order (Note: Bidders should provide breakdown of parts with their pricing which will be inserted after contract award)			Pricing before first option period
			Qty	
	1	As determined by the Technical Authority after review of recommended spares parts list	TBD	
	This table is not evaluated as part of the bid			
	Section 3.0 Total:			

Table 4		Labour Category	Level of Effort (A)	Firm Hourly Rate (B)	Total
4.1*	Number of hours (200) used for bid price evaluation only, this does not constitute an obligation of work on behalf of Canada. 4.2* Enter the Firm Hourly Rate (B) for each labour category. Multiply the Level of Effort (A) X Firm Hourly Rate (B). 4.3* Summation of all totals of section 4.2	Hour			
4.2*		Hourly rate per labour category			
		Intermediate Engineer	200	\$ -	\$ -
		Junior software developer	200	\$ -	\$ -
		Intermediate Draftsman	200	\$ -	\$ -
4.3*		Intermediate Technologist	200	\$ -	\$ -
		Section 4.0 Total:			

**Additional Work Requirements:** Where the satisfactory performance of approved Additional Work Requirements, in accordance with the Resultant Contract Articles of Agreement 6, entails the provision of materials, the Contractor shall be paid actual costs plus a firm material mark-up rate, in percentage, including all overhead and profit, as listed in **Table 5.0** below.

Table 5.0		Material Mark-up	Material Cost	
5.1*	Material Cost used for bid price comparison only. 5.2* Enter the Material Mark-up Rate Percentage. 5.3* Calculate the Mark-up Total (section 5.1 X [1 + section 5.2]). 5.4* Summation of all items of section 5.3	Material Mark-up Rate		\$150,000.00
5.2*		Mark-up Total \$	\$ -	0%
5.3*		Section 5.0 Total:	\$ -	
5.4*				

Table 6.0		Sub contractor Mark-up	Material / Service Cost	
6.1*	Material / Service Cost used for bid price comparison only.	Material / Service Mark-up Rate		\$150,000.00
6.2*		Mark-up Total \$	\$ -	0%
6.3*		Section 6.0 Total:	\$ -	
6.4*				

**Travel and Living Expenses:** Where the satisfactory performance of approved Additional Work Requests entails Travel and Living Expenses, the Contractor will be reimbursed for these expenses reasonably and properly incurred in the performance of the Work. The reimbursement will be at cost without allowances for profit and/or administrative overhead. The reimbursement will be in accordance with the Treasury Board Travel Directive or the Contractor's internal policies, whichever is less. The applicable items in the Treasury Board Travel Directive are:  
a) The provisions in the directive referring to "travellers", rather than those referring to "employees"; and

Total Evaluated Financial Bid price		Total Evaluated Financial Bid price
Total Table 1 (Equals Total Extended Price)	\$ -	
Total Table 2 ( Sum of total Extended Price)	\$ -	
Total Table 3	\$ -	
Total Table 4	\$ -	
Total Table 5	\$ -	
Total Table 6	\$ -	
Total Evaluated Financial Bid price	\$ -	

**TASK AUTHORIZATION**  
**AUTORISATION DES TÂCHES**

All invoices/progress claims must show the reference Contract and Task numbers. Toutes les factures doivent indiquer les numéros du contrat et de la tâche.		Amendment no. – N° de la modification Increase/Decrease – Augmentation/Réduction		To – A TO THE CONTRACTOR You are requested to supply the following services in accordance with the terms of the above reference contract. Only services included in the contract shall be supplied against this task. Please advise the undersigned if the completion date cannot be met. Invoices/progress claims shall be prepared in accordance with the instructions set out in the contract. Vous êtes prié de fournir les services suivants en conformité des termes du contrat mentionné ci-dessus. Seuls les services mentionnés dans le contrat doivent être fournis à l'appui de cette demande. Prière d'aviser le signataire si la livraison ne peut se faire dans les délais prescrits. Les factures doivent être établies selon les instructions énoncées dans le contrat.		Delivery location – Expédiez à Delivery/Completion date – Date de livraison/d'achèvement		Date for the Department of National Defence pour le ministère de la Défense nationale		
Contract no. – N° du contrat	Task no. – N° de la tâche	Previous value – Valeur précédente								

	N° d'article du contrat	Services	Cost Prix
GST/HST TPS/TVAH			
Total			

APPLICABLE ONLY TO PWGSC CONTRACTS: The Contract Authority signature is required when the total value of the DND 626 exceeds the threshold specified in the contract.

NE S'APPLIQUE QU'AUX CONTRATS DE TPSCG : La signature de l'autorité contractante est requise lorsque la valeur totale du formulaire DND 626 est supérieure au seuil précisé dans le contrat.

for the Department of Public Works and Government Services  
pour le ministère des Travaux publics et services gouvernementaux