

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

REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION

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

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

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

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

Comments - Commentaires

Title - Sujet ISSP Next Generation EUD 3.0 ISSP Next Generation EUD 3.0	
Solicitation No. - N° de l'invitation W8476-249449/A	Date 2024-01-02
Client Reference No. - N° de référence du client W8476-249449	
GETS Reference No. - N° de référence de SEAG PW-\$\$QD-030-29256	
File No. - N° de dossier 030qd.W8476-249449	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Standard Time EST on - le 2024-02-13 Heure Normale du l'Est HNE	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Xiao, Tanya	Buyer Id - Id de l'acheteur 030qd
Telephone No. - N° de téléphone (873) 355-1225 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: <div>Specified Herein Précisé dans les présentes</div>	

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address
Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution
Defence Communications Division. (QD)
11 Laurier St./11, rue Laurier
Place du Portage, Phase III, 8C2
Gatineau, Québec K1A 0S5

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



Destination Code - Code destinataire	Destination Address - Adresse de la destination	Invoice Code - Code bur.-comptable	Invoice Address - Adresse de facturation
D - 1	PMO ISSP /DSSPM GLEPM/ADM (Mat) C ANADA	I - 1	Original and two copies are to be made out and sent to: actures - Remplir et envoyer l'original et deux copies à inistère de la Défense Nationale 5 DAFC / Magasin 560 RUE HOCHELAGA ONTREAL QC H1N 1X9 ANADA 1941 ttm: Invoiceig Dept.
D - 2	Departement of National Defence 5 CFSD RECEIPTS SECTION FB Montreal 363 NOTRE DAME EST ONTREAL QC H1N 3V9 ANADA	I - 1	Original and two copies are to be made out and sent to: actures - Remplir et envoyer l'original et deux copies à inistère de la Défense Nationale 5 DAFC / Magasin 560 RUE HOCHELAGA ONTREAL QC H1N 1X9 ANADA 1941 ttm: Invoiceig Dept.



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Unit Price/Prix unitaire FOB/FAM		Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
1	ISSP EUD 3.0 - Operator	D - 2	I - 1	1000	Each	\$		\$	See Herein – Voir ci-inclus	
2	Protective Case/Chest Mount and ot her ac	D - 2	I - 1	1000	Each	\$		\$	See Herein – Voir ci-inclus	
3	Stylus	D - 2	I - 1	1000	Each	\$		\$	See Herein – Voir ci-inclus	
4	ISSP EUD 3.0 - Supporter	D - 2	I - 1	100	Each	\$		\$	See Herein – Voir ci-inclus	
5	Protective Case/Chest Mount and ot her ac	D - 2	I - 1	100	Each	\$		\$	See Herein – Voir ci-inclus	
6	Stylus	D - 2	I - 1	100	Each	\$		\$	See Herein – Voir ci-inclus	
7	No data	D - 2	I - 1	1	Each	\$		\$	See Herein – Voir ci-inclus	
8	Option - ISSP EUD 3.0 - Operator	D - 2	I - 1	600	Each	\$		\$	See Herein – Voir ci-inclus	
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10	Option - Stylus	D - 2	I - 1	600	Each	\$		\$	See Herein – Voir ci-inclus	
11	Option - ISSP EUD 3.0 - Supporter	D - 2	I - 1	400	Each	\$		\$	See Herein – Voir ci-inclus	
12	Option - Protective Case/Chest Mou nt	D - 2	I - 1	400	Each	\$		\$	See Herein – Voir ci-inclus	
13	Option - Stylus	D - 2	I - 1	400	Each	\$		\$	See Herein – Voir ci-inclus	
14	AWR NTE Limit of Expenditure	D - 1	I - 1	200000	SU	\$		\$	See Herein – Voir ci-inclus	

INTEGRATED SOLDIER SYSTEM

For the Acquisition and Support of a Next Generation of End User Devices for the Integrated Soldier System (ISS) Operator and Supporter

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Solicitation No. - N° de l'invitation

W8476-249449

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

W8476-249449

Amd. No. - N° de la modif.

File No. - N° du dossier

030qd. W8476-249449

Buyer ID - Id de l'acheteur

030QD

CCC No./N° CCC - FMS No./N° VME

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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 for the dismounted soldier. The system can expand its operational capabilities by adding additional sensors to the ISS. The current fleet of ISS EUD has replaced the initial Tactical User Interface with a Samsung Galaxy S20 Tactical Edition. The ISS EUD N-Gen will introduce two new devices for the Operator and Supporter configuration to upgrade the current fleet of ISS EUD.

1.2.2 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](#) (2023-06-08) 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.

2.2 Submission of Bids

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

To submit a bid using epost Connect service, the Bidder must either:

- 1- Send directly its bid only to the specified PWGSC Bid Receiving Unit, using its own licensing agreement for epost Connect provided by Canada Post Corporation; or
- 2- send as early as possible, and in any case, at least six business days prior to the solicitation closing date and time, in order to ensure a response, an email that includes the bid solicitation number to the specified PWGSC Bid Receiving Unit requesting to open an epost Connect conversation. Requests to open an epost Connect conversation received after that time may not be answered.

If the Bidder sends an email requesting epost Connect service to the specified Bid Receiving Unit in the bid solicitation, an officer of the Bid Receiving Unit will then initiate an epost Connect conversation. The epost Connect conversation will create an email notification from Canada Post Corporation prompting the Bidder to access and action the message within the conversation. The Bidder will then be able to transmit its bid afterward at any time prior to the solicitation closing date and time.

Note: Bids will not be accepted if emailed directly to this email address. This email address is to be used to open an epost Connect conversation, as detailed in Standard Instructions 2003 (Para 8.2), or to send bids through an epost Connect message if the bidder is using its own licensing agreement for epost Connect.

Due to the nature of the bid solicitation, bids transmitted by facsimile to PWGSC will not be accepted.

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 15 days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

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

Canada requests that the Bidder submits its bid in accordance with section 08-2 of the 2003 standard instructions. The epost Connect system has a limit of 1GB per single message posted and a limit of 20GB per conversation.

- 3.1.1 Bids must be submitted by using the epost Connect service provided by Canada Post Corporation.
The only acceptable email address to use with epost Connect for responses to bid solicitations issued by PWGSC headquarters is: tpsgc.dgareceptiondessoumissions-abbidReceiving.pwgsc@tpsgc-pwgsc.gc.ca
- 3.1.2 To submit a bid using epost Connect service, the Bidder must either:
- 1- Send directly its bid only to the specified PWGSC Bid Receiving Unit, using its own licensing agreement for epost Connect provided by Canada Post Corporation; or
 - 2- send as early as possible, and in any case, at least six business days prior to the solicitation closing date and time, (in order to ensure a response), an email that includes the bid solicitation number to the specified PWGSC Bid Receiving Unit requesting to open an epost Connect conversation. Requests to open an epost Connect conversation received after that time may not be answered.
- 3.1.3 If the Bidder sends an email requesting epost Connect service to the specified Bid Receiving Unit in the bid solicitation, an officer of the Bid Receiving Unit will then initiate an epost Connect conversation. The epost Connect conversation will create an email notification from Canada Post Corporation prompting the Bidder to access and action the message within the conversation. The Bidder will then be able to transmit its bid afterward at any time prior to the solicitation closing date and time.
- 3.1.4 If the Bidder is using its own licensing agreement to send its bid, the Bidder must keep the epost Connect conversation open until at least 30 business days after the solicitation closing date and time.
- 3.1.5 The bid solicitation number should be identified in the epost Connect message field of all electronic transfers.
- 3.1.6 It should be noted that the use of epost Connect service requires a Canadian mailing address. Should a bidder not have a Canadian mailing address, they may use the Bid Receiving Unit address specified in the solicitation in order to register for the epost Connect service.
- 3.1.7 For bids transmitted by epost Connect service, Canada will not be responsible for any failure attributable to the transmission or receipt of the bid including, but not limited to, the following:
- i. receipt of a garbled, corrupted or incomplete bid;
 - ii. availability or condition of the epost Connect service;
 - iii. incompatibility between the sending and receiving equipment;
 - iv. delay in transmission or receipt of the bid;
 - v. failure of the Bidder to properly identify the bid;
 - vi. illegibility of the bid;
 - vii. security of bid data; or,
 - viii. inability to create an electronic conversation through the epost Connect service.

- 3.1.8 The Bid Receiving Unit will send an acknowledgement of the receipt of bid document(s) via the epost Connect conversation, regardless of whether the conversation was initiated by the supplier using its own license or the Bid Receiving Unit. This acknowledgement will confirm only the receipt of bid document(s) and will not confirm if the attachments may be opened nor if the content is readable.
- 3.1.9 Bidders must ensure that they are using the correct email address for the Bid Receiving Unit when initiating a conversation in epost Connect or communicating with the Bid Receiving Unit and should not rely on the accuracy of copying and pasting the email address into the epost Connect system.
- 3.1.10 A bid transmitted by epost Connect service constitutes the formal bid of the Bidder and must be submitted in accordance with section 05.

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 "B" Basis of Payment.

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.

Exchange Rate Fluctuation

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

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. Pricing submitted in a foreign currency will be converted to Canadian dollars based on the exchange rate provided by the Bank of Canada, at 16h30 on the date of Bid closing. Canada will use this website to calculate the exchange rate: <https://www.bankofcanada.ca/rates/exchange/daily-exchange-rates/>. Unless otherwise stated by the Bidder, it will be assumed that the bid is being submitted in Canadian currency.

4.3.2. Financial bids will be evaluated based on prices received from Bidders set out in Annex B, Basis of Payment. The Total Evaluated Price 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 Total Evaluated Financial Bid Price in Table. 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 Total Evaluated Financial Bid 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.

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](#) (2022-12-01), 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 under Article 9 of Annex A 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

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 \$ “To be filled in at contract Award”. 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 \$“ To be filled in at contract Award” 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 (2020-05-12);
- (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

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

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)

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
C3015C (2017-08-17) Exchange rate fluctuation adjustment

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](#)".

Solicitation No. - N° de l'invitation

W8476-249449

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

W8476-249449

Amd. No. - N° de la modif.

File No. - N° du dossier

030qd. W8476-249449

Buyer ID - Id de l'acheteur

030QD

CCC No./N° CCC - FMS No./N° VME

ANNEX "A" STATEMENT OF WORK

(SEE ATTACHED)

Solicitation No. - N° de l'invitation

W8476-249449

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

W8476-249449

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030qd. W8476-249449

Buyer ID - Id de l'acheteur

030QD

CCC No./N° CCC - FMS No./N° VME

ANNEX “B”, Basis Of Payment

(SEE ATTACHED)

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)

Solicitation No. - N° de l'invitation

W8476-249449

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

W8476-249449

Amd. No. - N° de la modif.

File No. - N° du dossier

030qd. W8476-249449

Buyer ID - Id de l'acheteur

030QD

CCC No./N° CCC - FMS No./N° VME

ANNEX "E" DND 626 TASK AUTHORIZATION FORM

(SEE ATTACHED)

ANNEX B, BASIS OF PAYMENT-TO BE COMPLETED BY BIDDER (Taxes and Customs Duties excluded in all Tables)

FIRM REQUIREMENTS (Table 1 to be completed by Bidder)				
		Qty	Unit Price Firm to be delivered 22 weeks after contract award	Extended Price
Table 1				
	1	ISS EUD-O and Accessories	1500	\$ -
	2	ISS EUD-S and Accessories	100	\$ -
	3	ISS EUD-O Rugged Case and Chest Mount	1500	\$ -
	4	ISS EUD-S Rugged Case and Chest Mount	100	\$ -
	5	ISS EUD-O Stylus	1500	\$ -
	6	ISS EUD-S Stylus	100	\$ -
		Total Extended Price		\$ -

OPTIONAL REQUIREMENTS (Table 2 to be completed by Bidder)				
		Qty (up to)*	Unit price at Contract Award until Option Year 1	Unit price Option Year 1
Table 2				
		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 exerised Optional year.		
	1	ISS EUD-O and Accessories	100	\$ -
	2	ISS EUD-S and Accessories	400	\$ -
	3	ISS EUD-O Rugged Case and Chest Mount	100	\$ -
	4	ISS EUD-S Rugged Case and Chest Mount	400	\$ -
	5	ISS EUD-O Stylus	100	\$ -
	6	ISS EUD-S Stylus	400	\$ -
		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)	Qty	Unit Pricing before first option period
1		As determined by the Technical Authority after review of recommended spares parts list	TBD	
		Section 3.0 Total:		

Table 4		Labour Category	Level of Effort (A)	Firm Hourly Rate (B)	Total
4.1*		Hour			
4.2*		Hourly rate per labour category			
		Intermediate Engineer	200	\$ -	\$ -
		Junior software developer	200	\$ -	\$ -
		Intermediate Draftsman	200	\$ -	\$ -
		Intermediate Technologist	200	\$ -	\$ -
4.3*		Section 4.0 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					

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		
5.1*	Material Cost	\$150,000.00
5.2*	Material Mark-up Rate	0%
5.3*	Mark-up Total \$	\$ -
5.4*	Section 5.0 Total:	\$ -
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		

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

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

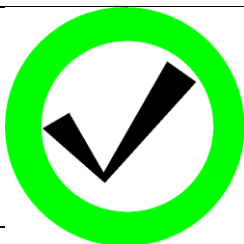


National Défense
Defence nationale

ANNEX A

Statement of Work (SOW)

For the Acquisition and Support of a Next Generation of End User Devices for the Integrated Soldier System (ISS) Operator and Supporter



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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LIST OF APPENDICES:

- Appendix 1: Technical Requirement Specification – ISS EUD-O
- Appendix 2: Technical Requirement Specification – ISS EUD-S
- Appendix 3: Technical Requirement Specification – Rugged Case
- Appendix 4: Technical Requirement Specification – Chest Mount

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 Next Generation (N-Gen) of End User Devices for the Integrated Soldier System (ISS EUD N-Gen) Operator and Supporter.

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 End User Device (EUD); a radio; a Hub; and battery for the dismounted soldier. The system can expand its operational capabilities by adding additional sensors to the ISS. The current fleet of ISS EUD has replaced the initial Tactical User Interface with a Samsung Galaxy S20 Tactical Edition. The ISS EUD N-Gen will introduce two new devices for the Operator and Supporter configuration to upgrade the current fleet of ISS EUD.

1.3 Intended Use

- 1.3.1 The ISS EUD N-Gen will be used as part of the Integrated Soldier System and will also support the Android Tactical Assault Kit (ATAK) which is ISSP's current Battle Management System (BMS). As it will be worn by dismounted soldiers, the ISS EUD N-Gen 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 whose primary focus is mission execution. It is permissible for the ISS EUD N-Gen to achieve those compliances using a Rugged Case to enhance their environment survivability, tactical survivability, and efficiency.

- 1.3.2 The ISS EUD N-Gen will be used with the current and in-service ISS SMSS.

1.4 List of Acronyms and Abbreviations

- 1.4.1 Table 1. List of Acronyms

Abbreviation	Description
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

Abbreviation	Description
IAW	In Accordance With
ICD	Interface Control Document
ISS	Integrated Soldier System
ISS EUD	Integrated Soldier System End User Device
ISS EUD N-Gen	Integrated Soldier System End User Devices Next Generation
ISS EUD-O	Integrated Soldier System End User Device Next Generation for the Operator role
ISS EUD-S	Integrated Soldier System End User Device Next Generation for the Supporter role
ISS Hub	Integrated Soldier System Hub
ISS-S	Integrated Soldier System Suite
NATO	North Atlantic Treaty Organization
NCAGE	NATO Commercial and Government Entity
NSN	NATO Stock Number
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 and the USB cable of the ISS EUD N-Gen.
Catastrophic Mishap Severity	Could result in death, permanent total disability, or irreversible or reversible severe environmental damage that violates law or regulation
Chest Mount	A system that is attached to the ISS Vest that carries the ISS EUD N-Gen and is compatible with the Rugged Case.
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 N-Gen.
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

Term	Definition
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.
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 End User Device Next Generation	The next generation of ISS EUD for dismounted soldier, in both Operator and Supporter roles, to use as a tactical display for situational awareness with embedded ATAK solution as a BMS and tactical security features manageable by the SMSS. When use, it means both the ISS EUD-O and ISS EUD-S.
Integrated Soldier System Hub	Refer to the existing Integrated Soldier System Hub, the Glenair Starpan II or the Glenair Starpan VI
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 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 ISS 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.

Term	Definition
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 battery 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.
Rugged Case	A ruggedized cover for the ISS EUD N-Gen.
System Management and Security Suite	A mobile device management platform and software suite, running in both the ISS EUD and on-premise server as a standalone solution. The software suite provisions, enables, and manages the ISS EUD N-Gen and provides tactical security features on the ISS EUD N-Gen. Samsung Knox is the security suite running in the current ISS EUD fleet, and Samsung SDS is the mobile device management platform.
Stylus	A digital pen tool that is used to assist in navigating the ISS EUD N-Gen.

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) https://webstore.iec.ch/publication/2452
NWPAN-WP-01112013 Ver 7	2020-04-14	Nett Warrior Interconnect Architecture White Paper, version 7, available at https://imlive.s3.amazonaws.com/Federal%20Government/ID38059876293434233937639420545504446311/20200414%20NW%20PAN%20White%20Paper%20v7-signed.pdf
SMBus	2018-04-19	System Management Bus (SMBus) Specification, available at smbus.org
USB 3.1	2020-06-18	Universal Serial Bus 3.1 Link Layer Test Specification, available at www.usb.org
N/A	July 2017	Travel Directive, National Joint Council, available at www.njc-cnm.gc.ca/directive/d10/v238/en
MIL-STD-810G	2008-10-31	Test Method Standard: Environmental Engineering Considerations and Laboratory Tests, available at everyspec.com/MIL-STD
MIL-STD-810H	2019-01-31	Test Method Standard: Environmental Engineering Considerations and Laboratory Tests, available at everyspec.com/MIL-STD

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 EUD-O, ISS EUD-S and their respective: Accessories Stylus, Rugged Case and Chest Mount, that meet all the requirements identified in Appendices 1, 2, 3 and 4. 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 all ISS EUD N-Gen, Rugged Case and Chest Mount
- 3.1.4 The Contractor must provide Identification Plates and Product Marking on all ISS EUD N-Gen.
- 3.1.5 The Contractor must provide a User Manual for all ISS EUD N-Gen and Accessories.
- 3.1.6 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 N-Gen, Rugged Case and Chest Mount 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 N-Gen, Chest Mount and Rugged Case 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 N-Gen, Chest Mount and Rugged Case.
- 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:

RDIMS #6355918

- a) ISO 9001; or
- b) AS9100D

8 ACCEPTANCE PROCESS CRITERIA

- 8.1 The firm quantity of ISS EUD N-Gen, Operator 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

9.1 Firm

Item	Quantity
ISS EUD-O and Accessories	1500
ISS EUD-S and Accessories	100
ISS EUD-O Rugged Case and Chest Mount	1500
ISS EUD-S Rugged Case and Chest Mount	100
ISS EUD-O Stylus	1500
ISS EUD-S Stylus	100

9.2 Options

Item	Quantity*
ISS EUD-O and Accessories	100
ISS EUD-S and Accessories	400
ISS EUD-O Rugged Case and Chest Mount	100
ISS EUD-S Rugged Case and Chest Mount	400
ISS EUD-O Stylus	100
ISS EUD-S Stylus	400

* Many optional orders can be issued up to the quantity limit.

See Annex C – Basis of Payment

APPENDIX 1 –TECHNICAL REQUIREMENT SPECIFICATION – ISS EUD-O

1. GENERAL REQUIREMENTS

1.1 Non-Developmental Item

1.1.1 ISS EUD-O must be:

- a) Of proven (tested) design and functionalities;
- b) In current production, not obsolete and will be supported for three (3) years;
- c) Provided with Identification marking and Linear Barcode Symbologies.

1.2 ISS EUD Platform

- 1.2.1 ISS EUD-O must be a Customized Android (CROM) based smartphone;
- 1.2.2 ISS EUD-O must run Android 13 or later;
- 1.2.3 ISS EUD-O must be compliant with National Information Assurance Partnership;
- 1.2.4 ISS EUD-O must be compatible, proven and tested with ATAK 4.8 or later;
- 1.2.5 ISS EUD-O must be compatible with tactical military radios, specifically the L3Harris AN/PRC 163 and RF-9820S;
- 1.2.6 ISS EUD-O platform interface must fully support both official languages, French and English.

2. PHYSICAL REQUIREMENTS

2.1 Device Size

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

- a) Height: 165mm to 170mm or 6.5 in to 6.69 in;
- b) Width: 75mm to 80mm or 2.96 in to 3.14 in; and
- c) Depth: 9.5mm to 10mm or 0.37 in to 0.39 in.

2.2 Screen Size

- 2.2.1 ISS EUD-O must have a screen dimension range between 162.56mm to 169mm or 6.4” to 6.65” measured diagonally;
- 2.2.2 ISS EUD-O must have a minimum resolution display of 2400x1080 (Width x Height) pixels.

2.3 Weight

2.3.1 The weight of ISS EUD-O must not exceed 250g.

2.4 Computing

- 2.4.1 ISS EUD-O must be equipped with an octa-core with a minimum clock speed of 1.8 Ghz per core.

2.5 Touch Screen Display

- 2.5.1 ISS EUD-O must include a touch screen interface;
- 2.5.2 ISS EUD-O touch screen must be resistant to scratch and hard contact damage;
- 2.5.3 ISS EUD-O touch screen must be resistant to drop, up to 1.6 meters;
- 2.5.4 ISS EUD-O touch screen must be usable with gloves;
- 2.5.5 ISS EUD-O touch screen must be usable with a Stylus;
- 2.5.6 ISS EUD-O must be readable in sunlight;
- 2.5.7 ISS EUD-O must be readable in low light condition;
- 2.5.8 ISS EUD-O must have a control to turn off the display without shutting down the ISS EUD-O;
- 2.5.9 ISS EUD-O must allow the control and display of the BMS;
- 2.5.10 ISS EUD-O touch screen must allow the ISS user to interact with the BMS;
- 2.5.11 ISS EUD-O 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.

2.6 Camera

- 2.6.1 ISS EUD-O must include front and rear cameras;
- 2.6.2 ISS EUD-O rear camera must have a 50MP resolution;
- 2.6.3 ISS EUD-O Camera must be used in low light environment, without the use of a flash, to gather intelligence;
- 2.6.4 ISS EUD-O must record at least a 4K pixels video;

2.7 Finish and Color

- 2.7.1 ISS EUD-O and Stylus must meet at least one 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.

2.7.2 ISS EUD-O finish and color requirements stated in 2.7.1 could be achieved with a use of a Rugged case provided with the ISS EUD, in accordance with Appendix 3.

2.8 Storage Capacity

2.8.1 ISS EUD-O must have a minimum internal storage capacity of 128GB;

2.8.2 ISS EUD-O must have extendable storage using a microSD Card which supports 1TB extra capacity.

2.9 Power and Battery

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

2.10 Speaker, Microphone and Haptic mode

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

2.10.2 ISS EUD-O must be equipped with a 3.5mm headphone jack;

2.10.3 ISS EUD-O must have haptic feedback or a vibration feature;

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

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

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

2.11 Sensors

2.11.1 ISS EUD-O must have the following sensors:

- a) Accelerometer,
- b) Gyro,
- c) Geomagnetic or Compass,
- d) Fingerprint,
- e) Proximity.

3. INTERFACE REQUIREMENTS

3.1 Network & Connectivity

3.1.1 ISS EUD-O must support an USB-3.1 interface;

- 3.1.2 ISS EUD-O must have a micro-SD expansion slot;
- 3.1.3 ISS EUD-O must have a Wi-Fi 802.11n a/b/g/n interface which can be enabled and disabled;
- 3.1.4 ISS EUD-O must have at a minimum, a Bluetooth version 5 interface which can be enabled and disabled;
- 3.1.5 ISS EUD-O must have a dedicated internal GPS which can be enabled and disabled;
- 3.1.6 ISS EUD-O must support a minimum of three (3) Ethernet interfaces;
- 3.1.7 ISS EUD-O must be compatible with tactical military radios, specifically the L3Harris AN/PRC 163 and RF-9820S.

3.2 Connectors

- 3.2.1 ISS EUD-O must be equipped with USB type C connector.

3.3 Ports

3.3.1 General

- 3.3.1.1 ISS EUD-O must operate as the USB host while interfacing with the host port of the Hub;
- 3.3.1.2 ISS EUD-O data port must be compliant with Universal Serial Bus (USB) Revision 3.1 Specifications or Ethernet;
- 3.3.1.3 ISS EUD-O must support USB-to-Ethernet devices;
- 3.3.1.4 ISS EUD-O 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-O must support Programmable Power Supply (PPS) and USB-C Power Delivery (USB PD) specification.

3.4 Chest Mount

ISS EUD-O must be able to be chest mounted, when used with a chest mount compliant with requirements in Appendix 4, on the ISS Vest.

3.5 Stylus

- 3.5.1 ISS EUD-O must be equipped and compatible with a Stylus;
- 3.5.2 The Stylus must be able to interact with the ISS EUD-O touch screen;
- 3.5.3 The Stylus must originate from the ISS EUD-O's OEM. If the Stylus is not originally included with the ISS EUD-O, then the Stylus can be a third-party product;
- 3.5.4 In the case the Stylus is a third-party product, the Contractor must disclose the company name and country of origin of that third party;
- 3.5.5 The Stylus must incorporate means of attachment to the ISS EUD-O or the ISS Vest;
- 3.5.6 The Stylus must be easily accessible when attached to the ISS EUD-O or the ISS Vest.

4. FUNCTIONAL REQUIREMENTS

4.1 Security Features

- 4.1.1 ISS EUD-O must provide an access control mechanism to prevent unauthorized access;
- 4.1.2 ISS EUD-O must provide user authentication;
- 4.1.3 ISS EUD-O must support a root of trust security environment;
- 4.1.4 ISS EUD-O must provide Android Application isolation;
- 4.1.5 ISS EUD-O must provide Dual Data at Rest encryption;
- 4.1.6 ISS EUD-O must provide the ability for device management, provisioning and deployment through the SMSS;
- 4.1.7 ISS EUD-O must be able to wipe phone data;
- 4.1.8 ISS EUD-O digital data must be secured when stored in the main data storage as well as on the external data storage;
- 4.1.9 ISS EUD-O tactical and security features must be manageable through the SMSS.

4.2 Compatibility

- 4.2.1 ISS EUD-O must be Compatible with ISS Radios: L3Harris AN/PRC-163 and RF-9820S;
- 4.2.2 ISS EUD-O must be Compatible with ISS Hub: Glenair STARPAN II and STARTPAN VI;
- 4.2.3 ISS EUD-O must be Compatible with the Defense Advanced GPS Receiver (DAGR);

4.2.4 ISS EUD-O must be Compatible with Nett Warrior Interconnect Architecture (NWPAN);
and

4.2.5 ISS EUD-O must be Compatible with the SMSS.

5. SUSTAINABILITY REQUIREMENTS

5.1 Reliability

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

5.2 ISS EUD In Service Support

5.2.1 In order to avoid rapidly obsolescence of ISS EUD-O:

5.2.1.1 ISS EUD-O Software must be maintained by the OEM for a minimum of 3 years;

5.2.1.2 ISS EUD-O 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-O must meet IP68 rating;

6.1.2 ISS EUD-O must be compliant with MIL-STD-810G and MIL-STD-810H.

7. HEALTH AND SAFETY

7.1 General

7.1.1 ISS EUD-O must not present environmental, health or system safety hazards of a Catastrophic or Critical mishap severity;

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

APPENDIX 2 –TECHNICAL REQUIREMENT SPECIFICATION – ISS EUD-S

1. GENERAL REQUIREMENTS

1.1 Non-Developmental Item

1.1.1 ISS EUD-S must be:

- a) Of proven (tested) design and functionalities;
- b) In current production, not obsolete and will remain in production for three (3) years;
- c) Provided with Identification marking and Linear Barcode Symbolologies.

1.2 ISS EUD-S Platform

- 1.2.1 ISS EUD-S must be a Customized Android (CROM) based smartphone;
- 1.2.2 ISS EUD-S must run Android 13 or later;
- 1.2.3 ISS EUD-S must be compliant with National Information Assurance Partnership;
- 1.2.4 ISS EUD-S must be compatible, proven and tested with ATAK 4.8 or later;
- 1.2.5 ISS EUD-S must be compatible with tactical military radios, specifically the L3Harris AN/PRC 163 and RF-9820S;
- 1.2.6 ISS EUD-S platform interface must fully support both official languages, French and English.

2. PHYSICAL REQUIREMENTS

2.1 Device Size

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

- a) Height: 146mm to 164mm or 5.7in. to 6.4in;
- b) Width: 70mm to 80mm or 2.7in. to 3.14in; and
- c) Depth: 7.5mm to 9mm or 0.29 in to 0.35 in.

2.2 Screen Size

- 2.2.1 ISS EUD-S must have a minimum screen dimension of 154.94mm or 6.1in. when measured diagonally;
- 2.2.2 ISS EUD-S must have a minimum resolution display of 2340x1080 (Width x Height) pixels.

2.3 Weight

2.3.1 The weight of ISS EUD-S must not exceed 250g.

2.4 Computing

- 2.4.1 ISS EUD-S must be equipped with an octa-core with a minimum clock speed of 1.8 Ghz per core.

2.5 Touch Screen Display

- 2.5.1 ISS EUD-S must include a touch screen interface;
- 2.5.2 ISS EUD-S touch screen must be resistant to scratch and hard contact damage;
- 2.5.3 ISS EUD-S touch screen must be resistant to drop, up to 1.6 meters;
- 2.5.4 ISS EUD-S touch screen must be usable with gloves;
- 2.5.5 ISS EUD-S touch screen must be usable with a Stylus;
- 2.5.6 ISS EUD-S must be readable in sunlight;
- 2.5.7 ISS EUD-S must be readable in low light condition;
- 2.5.8 ISS EUD-S must have a control to turn off the display without shutting down the ISS EUD;
- 2.5.9 ISS EUD-S must allow the control and display of the BMS;
- 2.5.10 ISS EUD-S touch screen must allow the ISS user to interact with the BMS;
- 2.5.11 ISS EUD-S 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.

2.6 Camera

- 2.6.1 ISS EUD-S must include front and rear cameras;
- 2.6.2 ISS EUD-S rear camera must have a minimum of 50MP resolution;
- 2.6.3 ISS EUD-S front camera must have a minimum of 10MP resolution;
- 2.6.4 ISS EUD-S Camera must be used in low light environment, without the use of a flash, to gather intelligence;
- 2.6.5 ISS EUD-S must record at least a 4K pixels video.

2.7 Finish and Color

2.7.1 ISS EUD-S 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.

2.7.2 ISS EUD-S finish and color requirements stated in 2.7.1 could be achieved with a use of a Rugged case provided with the EUD-S, in accordance with Appendix 3.

2.8 Storage Capacity

2.8.1 ISS EUD-S must have a minimum internal storage capacity of 128GB;

2.9 Power and Battery

2.9.1 ISS EUD-S must have an internal rechargeable battery with a minimum capacity of at least 3785mAh.

2.10 Speaker, Microphone and Haptic mode

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

2.10.2 ISS EUD-S must have haptic feedback or a vibration feature;

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

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

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

2.11 Sensors

2.11.1 ISS EUD-S must have the following sensors:

- a) Accelerometer;
- b) Gyro;
- c) Geomagnetic or Compass;
- d) Fingerprint;
- e) Proximity.

3. INTERFACE REQUIREMENTS

3.1 Network & Connectivity

3.1.1 ISS EUD-S must support an USB 3.1 interface;

- 3.1.2 ISS EUD-S must have a Wi-Fi 802.11n a/b/g/n interface which can be enabled and disabled;
- 3.1.3 ISS EUD-S must have at a minimum, a Bluetooth version 5.2 interface which can be enabled and disabled;
- 3.1.4 ISS EUD-S must have a dedicated internal GPS which can be enabled and disabled;
- 3.1.5 ISS EUD-S must support a minimum of three (3) Ethernet interfaces;
- 3.1.6 ISS EUD-S must be compatible with tactical military radios, specifically the L3Harris AN/PRC 163 or RF-9820S.

3.2 Connectors

- 3.2.1 ISS EUD-S must be equipped with USB type C connector.

3.3 Ports

3.3.1 General

- 3.3.1.1 ISS EUD-S must operate as the USB host while interfacing with the host port of the Hub;
- 3.3.1.2 ISS EUD-S data port must be compliant with Universal Serial Bus (USB) Revision 3.1 Specifications or Ethernet;
- 3.3.1.3 ISS EUD-S must support USB-to-Ethernet devices;
- 3.3.1.4 ISS EUD-S 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-S must support Programmable Power Supply (PPS) and USB-C Power Delivery (USB PD) specification.

3.4 Chest Mount

- 3.4.1 ISS EUD-S must be able to be chest mounted, when used with a chest mount compliant with requirements in Appendix 4, on the ISS Vest.

3.5 Stylus

- 3.5.1 ISS EUD-S must be equipped with a Stylus;

- 3.5.2 ISS EUD-S must be Compatible with the Stylus;
- 3.5.3 The Stylus must be able to interact with the ISS EUD-S touch screen;
- 3.5.4 The Stylus must originate from the ISS EUD-S's OEM. If the Stylus is not originally included with the ISS EUD-S, then the Stylus can be a third-party product;
- 3.5.5 In the case the Stylus is a third-party product, the Contractor must disclose the company name and country of origin of that third party;
- 3.5.6 The Stylus must incorporate means of attachment to the ISS EUD-S or the ISS Vest;
- 3.5.7 The Stylus must be easily accessible when attached to the ISS EUD-S or the ISS Vest.

4. FUNCTIONAL REQUIREMENTS

4.1 Security features

- 4.1.1 ISS EUD-S must provide an access control mechanism to prevent unauthorized access;
- 4.1.2 ISS EUD-S must provide user authentication;
- 4.1.3 ISS EUD-S must use a hardware backed trusted environment;
- 4.1.4 ISS EUD-S must provide Android Application isolation;
- 4.1.5 ISS EUD-S must provide Dual Data at Rest encryption;
- 4.1.6 ISS EUD-S must provide the ability for device management, provisioning and deployment through SMSS;
- 4.1.7 ISS EUD-S must be able to wipe phone data;
- 4.1.8 ISS EUD-S digital data must be secured when stored in the main data storage as well as on the external data storage;
- 4.1.9 ISS EUD-S tactical and security features must be manageable through the SMSS.

4.2 Compatibility

- 4.2.1 ISS EUD-S must be Compatible with ISS Radios: L3Harris AN/PRC-163 or RF-9820S;
- 4.2.2 ISS EUD-S must be Compatible with ISS Hub: Glenair STARPAN II and STARTPAN VI;
- 4.2.3 ISS EUD-S must be Compatible with the Defense Advanced GPS Receiver (DAGR);

4.2.4 ISS EUD-S must be Compatible with Nett Warrior Interconnect Architecture (NWPAN), and;

4.2.5 ISS EUD-S must be Compatible with the SMSS.

5. SUSTAINABILITY REQUIREMENTS

5.1 Reliability

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

5.2 ISS EUD In Service Support

5.2.1 In order to avoid rapidly obsolescence of ISS EUD-S;

5.2.1.1 ISS EUD-S Software must be maintained by the OEM for a minimum of three (3) years;

5.2.1.2 ISS EUD-S 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-S must meet IP68 rating;

6.1.2 ISS EUD-S must be compliant with MIL-STD-810G and MIL-STD-810H.

7. HEALTH AND SAFETY

7.1 General

7.1.1 ISS EUD-S must not present environmental, health or system safety hazards of a Catastrophic or Critical mishap severity;

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

APPENDIX 3 – TECHNICAL REQUIREMENT SPECIFICATION – RUGGED CASE

1. GENERAL REQUIREMENTS

1.1 General

- 1.1.1 Rugged Case will be required for both ISS EUD-O and ISS EUD-S.
- 1.1.2 Rugged Case must include or support a USB-C cable (Docking Cable) that must satisfies at least one of the following criteria:
 - a) Be compatible with the Glenair USB-C cable TS7-086 (NSN: 5995-01-696-6228), ensuring seamless and reliable connectivity that meets the specification outlined in paragraph 5.1.3;
 - b) Be provided with a Docking Cable that mates the ISS EUD N-Gen to the ISS Hub and meets the specification outlined in paragraph 5.1.3 if the Rugged Case doesn't meet the previous criteria 1.1.2.a.

1.2 Non-Developmental Item

- 1.2.1 Rugged Case must be:
 - a) Of proven (tested) design and functionalities.
 - b) Provided with Identification marking and Linear Barcode Symbolologies.

2. PHYSICAL REQUIREMENTS

2.1 Size

- 2.1.1 ISS EUD N-GEN must fit in the Rugged Case.

3. INTERFACE REQUIREMENTS

3.1 Interface with ISS EUD

- 3.1.1 Rugged Case must be compatible with the ISS EUD N-GEN;
- 3.1.2 Rugged Case must allow a USB-C interface with the ISS Hub.

4. FUNCTIONAL REQUIREMENTS

4.1 ISS EUD Sensors

- 4.1.1 The Rugged Case must not reduce performance of the ISS EUD N-GEN.

4.2 ISS EUD ports

- 4.2.1 The Rugged Case must have Integrated Ports and buttons which extend native ISS EUD N-GEN ports and buttons.

5. ENVIRONMENT CONDITIONS

5.1 General

- 5.1.1 The Rugged Case must meet IP68 rating;
- 5.1.2 The Rugged Case must be compliant with MIL-STD-810G and MIL-STD-810H;
- 5.1.3 The Rugged Case must have a mechanism to secure or retain the Docking Cable that connects the ISS EUD N-Gen to the ISS Hub.

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.

APPENDIX 4: TECHNICAL REQUIREMENT SPECIFICATION – CHEST MOUNT

1 GENERAL REQUIREMENTS

1.1 General

1.1.1 Chest Mount will be required for both ISS EUD-O and ISS EUD-S.

1.2 Non-Developmental Item

1.2.1 The Chest Mount must be:

- a) Of proven (tested) design and functionalities;
- b) Provided with Identification marking and Linear Barcode Symbolologies.

2 PHYSICAL REQUIREMENTS

2.1 Size

2.1.1 Dimensions of Chest mount must be compatible with Rugged Case.

3 INTERFACE REQUIREMENTS

3.1 The Chest mount must incorporate means of attachment to Molle Webbing;

3.2 The Chest mount must have a heavy duty and adjustable friction hinge.

4 ENVIRONMENT CONDITIONS

4.1 General

4.1.1 The Chest mount must meet IP68 rating;

4.1.2 The Chest mount must be compliant with MIL-STD-810G and MIL-STD-810H.

5 HEALTH AND SAFETY

5.1 General

5.1.1 All Chest mount must not present environmental, health or system safety hazards of a Catastrophic or Critical mishap severity;

5.1.2 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.

5.2 Mechanical Safety

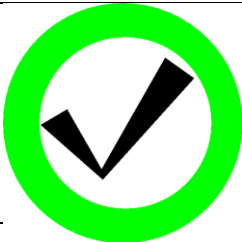
5.2.1 All Chest mount must bear no raw, sharp, or rough edges on any parts.



Annex B

Technical Evaluation Matrix

For the Acquisition and Support of a Next Generation of End User Devices for the Integrated Soldier System (ISS) Operator and Supporter



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 B, 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-O

Req. #	Requirement Statement	Method of Compliance	Additional Instructions to Bidder and Evaluation Criteria
SOW 7	QUALITY ASSURANCE		
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.
ISS EUD-O Specs 1	General Requirements		
ISS EUD-O Specs 1.1	Non-Developmental Item		
ISS EUD-O Specs 1.1.1	ISS EUD-O must be: a) Of proven (tested) design and functionalities; b) In current production, not obsolete and will be supported for three (3) years; c) Provided with Identification marking and Linear Barcode Symbology.	Explanation	Bidder must provide the following information in their explanation: a) Of proven design and functionalities; b) Confirmation that the product is not obsolete and will be supported for three (3) years. d) Provide with Identification marking and Linear Barcode Symbologies.

ISS EUD-O Specs 1.2	EUD Platform		
ISS EUD-O Specs 1.2.1	ISS EUD-O must be a Customized Android based Smartphone.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-O Specs 1.2.2	ISS EUD-O must support and run Android 13 or later.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-O Specs 1.2.3	ISS EUD-O 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-O Specs 1.2.5	ISS EUD-O must be compatible, proven and tested with ATAK 4.8 or later.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-O Specs 1.2.6	ISS EUD-O 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-O Specs 1.2.8	ISS EUD-O platform 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.
ISS EUD-O SPECS 2	PHYSICAL REQUIREMENTS		
ISS EUD-O Specs 2.1	Device Size		
ISS EUD-O Specs 2.1.1	Dimensions of ISS EUD-O must meet and not exceed the following measurement: a) Height: 165mm to 170mm or 6.5 in to 6.69 in; b) Width: 75mm to 80mm or 2.96 in to 3.14 in; and c) Depth: 9.5mm to10mm or 0.37 in to 0.39 in.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-O Specs 2.2	Screen Size		
ISS EUD-O Specs 2.2.1	ISS EUD-O must have a screen dimension range between 162.56mm to 169mm or 6.4” to 6.65” measured diagonally.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.

ISS EUD-O Specs 2.2.2	ISS EUD-O 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.
ISS EUD-O Specs 2.3	Weight		
ISS EUD-O Specs 2.3.1	The weight of ISS EUD-O must not exceed 250g.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-O Specs 2.4	Computing		
ISS EUD-O Specs 2.4.1	ISS EUD-O must be equipped with an octa-core with a minimum clock speed of 1.8 Ghz per core.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-O Specs 2.5	Touch screen Display		
ISS EUD-O Specs 2.5.1	The EUD-O 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-O Specs 2.5.2	The EUD-O 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-O Specs 2.5.3	The EUD-O 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-O Specs 2.5.4	ISS EUD-O 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-O Specs 2.5.5	ISS EUD-O 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-O Specs 2.5.6	ISS EUD-O must be readable in sunlight.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-O Specs 2.5.7	ISS EUD-O 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-O Specs 2.5.8	ISS EUD-O must have a control to turn off the display without shutting down the EUD-O.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-O Specs 2.5.9	ISS EUD-O 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-O Specs 2.5.10	ISS EUD-O 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-O Specs 2.5.11	ISS EUD-O 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.
ISS EUD-O Specs 2.6	Camera		
ISS EUD-O Specs 2.6.1	ISS EUD-O 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-O Specs 2.6.2	ISS EUD-O 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-O Specs 2.6.3	ISS EUD-O 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-O Specs 2.6.4	ISS EUD-O must record at least a 4K pixels video.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-O Specs 2.7	Finish and Color		

ISS EUD-O Specs 2.7.1	ISS EUD-O 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.
ISS EUD-O Specs 2.7.2	ISS EUD-O finish and color requirements stated in 2.7.1 could be achieved with a use of a Rugged case provided with the EUD-O.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-O Specs 2.8	Storage Capacity		
ISS EUD-O Specs 2.8.1	ISS EUD-O must have a minimum internal storage capacity of 128GB.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD-O Specs 2.8.2	ISS EUD-O must have extendable storage using a microSD Card which supports 1TB extra capacity.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD-O Specs 2.9	Power and Battery		
ISS EUD-O Specs 2.9.1	ISS EUD-O must have an internal rechargeable battery with a minimum capacity of 4000mAh.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-O Specs 2.10	Speaker, Microphone and Haptic mode		
ISS EUD-O Specs 2.10.1	ISS EUD-O 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-O Specs 2.10.2	ISS EUD-O must be equipped with a 3.5mm headphone jack.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-O Specs 2.10.3	ISS EUD-O 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-O Specs 2.10.4	ISS EUD-O 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-O Specs 2.10.5	ISS EUD-O 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-O Specs 2.10.6	ISS EUD-O 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.
ISS EUD-O Specs 2.11	Sensors		
ISS EUD-O Specs 2.11.1	ISS EUD-O must have the following sensors: a) Accelerometer, b) Gyro, c) Geomagnetic or Compass, d) Fingerprint, e) Proximity Sensor.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD-O Specs 3	Interface Requirements		
ISS EUD-O Specs 3.1	Network & Connectivity		
ISS EUD-O Specs 3.1.1	ISS EUD-O must support an USB-3.1 interface.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD-O Specs 3.1.2	ISS EUD-O 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-O Specs 3.1.3	ISS EUD-O 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-O Specs 3.1.4	ISS EUD-O must have a Bluetooth version 5 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-O Specs 3.1.5	ISS EUD-O 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-O Specs 3.1.6	ISS EUD-O 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-O Specs 3.1.7	ISS EUD-O 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.
ISS EUD-O Specs 3.2	Connectors		
ISS EUD-O Specs 3.2.1	ISS EUD-O 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-O Specs 3.3	Ports		
ISS EUD-O Specs 3.3.1	General		
ISS EUD-O Specs 3.3.1.1	ISS EUD-O 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-O Specs 3.3.1.2	ISS EUD-O data port must be compliant with Universal Serial Bus (USB) Revision 3.1 Specifications or Ethernet.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-O Specs 3.3.1.3	ISS EUD-O 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-O Specs 3.3.1.4	ISS EUD-O 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.
ISS EUD-O Specs 3.3.2	Power Ports		
ISS EUD-O 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-O Specs 3.3.2.2	ISS EUD-O 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.
ISS EUD-O Specs 3.4	Chest Mount		
ISS EUD-O Specs 3.4.1	ISS EUD-O must be able to be chest mounted, when used with a chest mount compliant with requirements in Appendix 4, on the ISS Vest.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-O Specs 3.5	Stylus		
ISS EUD-O Specs 3.5.1	ISS EUD-O must be equipped and compatible with a Stylus.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-O Specs 3.5.2	The Stylus must be able to interact with the ISS EUD-O touch screen.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-O Specs 3.5.3	The Stylus must originate from the ISS EUD-O's OEM. If the Stylus is not originally included with the ISS EUD-O, then 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-O Specs 3.5.4	In the case the Stylus is a third-party product, the Contractor 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-O Specs 3.5.5	The Stylus must incorporate means of attachment to the ISS EUD-O or the ISS Vest.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-O Specs 3.5.6	The Stylus must be easily accessible when attached to the ISS EUD-O or the ISS Vest.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-O Specs 4	FUNCTIONAL Requirements		
ISS EUD-O Specs 4.1	Security features		
ISS EUD-O Specs 4.1.1	ISS EUD-O 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-O Specs 4.1.2	ISS EUD-O 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-O Specs 4.1.3	ISS EUD-O must support a root of trust security environment.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD-O Specs 4.1.4	ISS EUD-O must provide Android Application isolation.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD-O Specs 4.1.5	ISS EUD-O must provide Dual Data at Rest encryption.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD-O Specs 4.1.6	ISS EUD-O must provide the ability for device management, provisioning and deployment through the SMSS.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD-O Specs 4.1.7	ISS EUD-O 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-O Specs 4.1.8	ISS EUD-O 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-O Specs 4.1.9	ISS EUD-O tactical and security features must be manageable through the SMSS.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD-O Specs 4.2	Compatibility		
ISS EUD-O Specs 4.2.1	ISS EUD-O must be Compatible with ISS Radios: 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.

ISS EUD-O Specs 4.2.2	ISS EUD-O 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-O Specs 4.2.3	ISS EUD-O 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-O Specs 4.2.4	ISS EUD-O 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-O Specs 4.2.5	ISS EUD-O must be Compatible with the SMSS.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-O Specs 5	SUSTAINABILITY REQUIREMENTS		
ISS EUD-O Specs 5.1	Reliability		
ISS EUD-O Specs 5.1.1	ISS EUD-O 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.
ISS EUD-O Specs 5.2	ISS EUD-O In Service Support		
ISS EUD-O Specs 5.2.1	In order to avoid rapidly obsolescence of the ISS EUD-O.		
ISS EUD-O Specs 5.2.1.1	ISS EUD-O Software must be maintained by the OEM for a minimum of 3 years.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-O Specs 5.2.1.2	ISS EUD-O 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.
ISS EUD-O Specs 6	Environment Conditions		
ISS EUD-O Specs 6.1	General		
ISS EUD-O Specs 6.1.1	ISS EUD-O must meet IP68 rating.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.

ISS EUD-O Specs 6.1.2	ISS EUD-O must be compliant with MIL-STD-810G and MIL-STD-810H.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-O Specs 7	HEALTH AND SAFETY		
ISS EUD-O Specs 7.1	General		
ISS EUD-O Specs 7.1.1	ISS EUD-O 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-O Specs 7.1.2	ISS EUD-O 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.
ISS EUD-O Specs 7.2	Mechanical Safety		
ISS EUD-O Specs 7.2.1	ISS EUD-O 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 EUD-S

Req. #	Requirement Statement	Method of Compliance	Additional Instructions to Bidder and Evaluation Criteria
ISS EUD-S Specs 1	General Requirements		
ISS EUD-S Specs 1.1	Non-Developmental Item		
ISS EUD-S Specs 1.1.1	ISS EUD-S must be: a) Of proven (tested) design and functionalities; b) In current production, not obsolete and will be supported for three (3) years; c) Provided with Identification marking and Linear Barcode Symbolologies.	Explanation	Bidder must provide the following information in their explanation: a) Of proven design and functionalities; b) Confirmation that the product is not obsolete, currently in production and supported for three (3) years. c) Provide with Identification Marking and Linear Barcode Symbolologies.

ISS EUD-S Specs 1.2	EUD-S Platform		
ISS EUD-S Specs 1.2.1	ISS EUD-S must be a Customized Android (CROM) based smartphone.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 1.2.2	ISS EUD-S must support and run Android 13 or later.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 1.2.3	ISS EUD-S 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-S Specs 1.2.5	ISS EUD-S must be compatible, proven and tested with ATAK 4.8 or later.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 1.2.6	ISS EUD-S 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-S Specs 1.2.8	ISS EUD-S platform 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.
ISS EUD-S SPECS 2	PHYSICAL REQUIREMENTS		
ISS EUD-S Specs 2.1	Device Size		
ISS EUD-S Specs 2.1.1	Dimensions of ISS EUD-S must meet and not exceed the following measurement: a) Height: 146mm to 164mm or 5.7in. to 6.4in; b) Width: 70mm to 80mm or 2.7in. to 3.14in; and c) Depth: 7.5mm to 9mm or 0.29 in to 0.35 in.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 2.2	Screen Size		
ISS EUD-S Specs 2.2.1	ISS EUD-S must have a minimum screen dimension of 154.94mm or 6.1in. when measured diagonally.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.

ISS EUD-S Specs 2.2.2	ISS EUD-S must have a minimum resolution display of 2340x1080 (Width x Height) pixels.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 2.3	Weight		
ISS EUD-S Specs 2.3.1	The weight of ISS EUD-S must not exceed 250g.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 2.4	Computing		
ISS EUD-S Specs 2.4.1	ISS EUD-S must be equipped with an octa-core with a minimum clock speed of 1.8 Ghz per core.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 2.5	Touch screen Display		
ISS EUD-S Specs 2.5.1	ISS EUD-S 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-S Specs 2.5.2	ISS EUD-S 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-S Specs 2.5.3	ISS EUD-S 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-S Specs 2.5.4	ISS EUD-S 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-S Specs 2.5.5	ISS EUD-S touch screen must be usable with Stylus.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 2.5.6	ISS EUD-S must be readable in sunlight.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 2.5.7	ISS EUD-S 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-S Specs 2.5.8	ISS EUD-S must have a control to turn off the display without shutting down the EUD-S.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 2.5.9	ISS EUD-S 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-S Specs 2.5.10	ISS EUD-S 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-S Specs 2.5.11	ISS EUD-S 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.
ISS EUD-S Specs 2.6	Camera		
ISS EUD-S Specs 2.6.1	ISS EUD-S 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-S Specs 2.6.2	ISS EUD-S 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-S Specs 2.6.3	ISS EUD-S front camera must have a minimum of 10MP resolution.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 2.6.4	ISS EUD-S 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-S Specs 2.6.5	ISS EUD-S must record at least a 4K pixels video.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 2.7	Finish and Color		

ISS EUD-S Specs 2.7.1	ISS EUD-S 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.
ISS EUD-S Specs 2.7.2	ISS EUD-S finish and color requirements stated in 2.7.1 could be achieved with a use of a Rugged case provided with the EUD-S.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 2.8	Storage Capacity		
ISS EUD-S Specs 2.8.1	ISS EUD-S must have a minimum internal storage capacity of 128GB	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD-S Specs 2.9	Power and Battery		
ISS EUD-S Specs 2.9.1	ISS EUD-S must have an internal rechargeable battery with a minimum capacity of at least 3785mAh.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 2.10	Speaker, Microphone and Haptic mode		
ISS EUD-S Specs 2.10.1	ISS EUD-S 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-S Specs 2.10.2	ISS EUD-S 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-S Specs 2.10.3	ISS EUD-S 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-S Specs 2.10.4	ISS EUD-S 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-S Specs 2.10.5	ISS EUD-S 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.
ISS EUD-S Specs 2.11	Sensors		

ISS EUD-S Specs 2.11.1	ISS EUD-S must have the following sensors: a) Accelerometer, b) Gyro, c) Geomagnetic or Compass, d) Fingerprint, e) Proximity.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD-S Specs 3	Interface Requirements		
ISS EUD-S Specs 3.1	Network & Connectivity		
ISS EUD-S Specs 3.1.1	ISS EUD-S must support an USB-3.1 interface.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD-S Specs 3.1.2	ISS EUD-S must have a Wi-Fi 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-S Specs 3.1.3	ISS EUD-S must have at a minimum, a Bluetooth version 5.2 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-S Specs 3.1.4	ISS EUD-S 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-S Specs 3.1.5	ISS EUD-S 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-S Specs 3.1.6	ISS EUD-S 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.
ISS EUD-S Specs 3.2	Connectors		
ISS EUD-S Specs 3.2.1	ISS EUD-S 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-S Specs 3.3	Ports		
ISS EUD-S Specs 3.3.1	General		
ISS EUD-S Specs 3.3.1.1	ISS EUD-S 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-S Specs 3.3.1.2	ISS EUD-S data port must be compliant with Universal Serial Bus (USB) Revision 3.1 Specifications or Ethernet.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 3.3.1.3	ISS EUD-S 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-S Specs 3.3.1.4	ISS EUD-S 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.
ISS EUD-S Specs 3.3.2	Power Ports		
ISS EUD-S 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-S Specs 3.3.2.2	ISS EUD-S 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.
ISS EUD-S Specs 3.4	Chest Mount		
ISS EUD-S Specs 3.4.1	ISS EUD-S must be able to be chest mounted, when used with a chest mount compliant with requirements in Appendix 4, on the ISS Vest.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 3.5	Stylus		
ISS EUD-S Specs 3.5.1	ISS EUD-S must be equipped with a stylus.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 3.5.2	ISS EUD-S must be Compatible with a stylus.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.

ISS EUD-S Specs 3.5.3	The Stylus must be able to interact with the ISS EUD-S touch screen.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 3.5.4	The Stylus must originate from the ISS EUD-S's OEM. If the Stylus is not originally included with the ISS EUD-S, then 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-S Specs 3.5.5	The Stylus must incorporate means of attachment to the ISS EUD-S or the ISS Vest.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 3.5.6	The Stylus must be easily accessible when attached to the ISS EUD-S or the ISS Vest.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 4	FUNCTIONAL Requirements		
ISS EUD-S Specs 4.1	Security features		
ISS EUD-S Specs 4.1.1	ISS EUD-S 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-S Specs 4.1.2	ISS EUD-S 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-S Specs 4.1.3	ISS EUD-S 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-S Specs 4.1.4	ISS EUD-S must provide Android Application isolation.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD-S Specs 4.1.5	ISS EUD-S must provide Dual Data at Rest encryption.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.

ISS EUD-S Specs 4.1.6	ISS EUD-S 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-S Specs 4.1.7	ISS EUD-S 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-S Specs 4.1.8	ISS EUD-S 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-S Specs 4.1.9	ISS EUD-S tactical and security features must be manageable through the SMSS.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD-S Specs 4.2	Compatibility		
ISS EUD-S Specs 4.2.1	ISS EUD-S 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-S Specs 4.2.2	ISS EUD-S must be Compatible with ISS Hub: Glenair STARPAN II and STARTPAN VI.	Explanation	Bidder must submit a technical datasheet, product specification, brochure, or other documentary evidence that demonstrates the compliance of the requirement.
ISS EUD-S Specs 4.2.3	ISS EUD-S 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-S Specs 4.2.4	ISS EUD-S 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-S Specs 4.2.5	ISS EUD-S must be Compatible with the SMSS.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 5	SUSTAINABILITY REQUIREMENTS		

ISS EUD-S Specs 5.1	Reliability		
ISS EUD-S Specs 5.1.1	ISS EUD-S 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.
ISS EUD-S Specs 5.2	ISS EUD-S In Service Support		
ISS EUD-S Specs 5.2.1	In order to avoid rapidly obsolescence of the ISS EUD-S.		
ISS EUD-S Specs 5.2.1.1	ISS EUD-S Software must be maintained by the OEM for a minimum of 3 years;	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 5.2.1.2	ISS EUD-S software maintenance must include: a) the custom ROM or Android upgrade, b) device firmware upgrade and, c) security patch.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 6	Environment Conditions		
ISS EUD-S Specs 6.1	General		
ISS EUD-S Specs 6.1.1	ISS EUD-S must meet IP68 rating.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 6.1.2	ISS EUD-S must be compliant with MIL-STD-810G and MIL-STD-810H.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
ISS EUD-S Specs 7	HEALTH AND SAFETY		
ISS EUD-S Specs 7.1	General		
ISS EUD-S Specs 7.1.1	ISS EUD-S 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-S Specs 7.1.2	ISS EUD-S 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.
ISS EUD-S Specs 7.2	Mechanical Safety		

ISS EUD-S Specs 7.2.1	ISS EUD-S 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.
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Table 3: Bid Evaluation Matrix – Rugged Case

Req. #	Requirement Statement		Method of Compliance	Additional Instructions to Bidder and Evaluation Criteria
Rugged Case Specs 1	GENERAL REQUIREMENTS			
Rugged case Specs 1.1	General			
Rugged case Specs 1.1.1	Rugged case ISS EUD will be required for both ISS EUD-O and ISS EUD-S.		Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
Rugged case Specs 1.1.2	Rugged Case must include or support a USB-C cable (Docking Cable) that must satisfies at least one of the following criteria: a) Be compatible with the Glenair USB-C cable TS7-086 (NSN: 5995-01-696-6228), ensuring seamless and reliable connectivity that meets the specification outlined in paragraph 5.1.3; b) Be provided with a Docking Cable that mates the ISS EUD N-Gen to the ISS Hub and meets the specification outlined in paragraph 5.1.3 if the Rugged Case doesn't meet the previous criteria 1.1.2.a.		Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
Rugged case Specs 1.2	Non-Developmental Item			
Rugged case Specs 1.2.1	Rugged case must be: a) Of proven (tested) design and functionalities; b) Provided with Identification marking and Linear Barcode Symbolologies.		Explanation	Bidder must provide the following information in their Explanation: a) The product must be of proven design and functionalities; b) Identification and Linear Barcode Symbolologies provided.
Rugged case Specs 2	PHYSICAL REQUIREMENTS			
Rugged case Specs 2.1	Size			
Rugged case Specs 2.1.1	ISS EUD N-GEN must fit in the Rugged Case.		Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
Rugged case Specs 3	INTERFACE REQUIREMENTS			

Rugged case Specs 3.1		Interface with EUD			
Rugged case Specs 3.1.1		Rugged case must be compatible with the ISS EUD N-GEN.		Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
Rugged case Specs 3.1.3		Rugged Case must allow a USB-C interface with ISS Hub.		Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
Rugged case Specs 4		FUNCTIONAL REQUIREMENTS			
Rugged case Specs 4.1		EUD Sensors			
Rugged case Specs 4.1.1		The Rugged Case must not reduce performance of the EUD N-GEN.		Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
Rugged case Specs 4.2		EUD ports			
Rugged case Specs 4.2.1		The 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.
Rugged case Specs 5		ENVIRONMENT CONDITIONS			
Rugged case Specs 5.1		General			
Rugged case Specs 5.1.1		The Rugged Case must meet IP68 rating.		Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
Rugged case Specs 5.1.2		The Rugged Case must be compliant with MIL-STD-810G and MIL-STD-810H.		Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
Rugged case Specs 5.1.3		The Rugged Case must have a mechanism to secure or retain the Docking Cable that connects the ISS EUD N-Gen to the ISS Hub.		Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
Rugged case Specs 6		HEALTH AND SAFETY			
Rugged case Specs 6.1		General			
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.
Rugged case Specs 6.2		Mechanical Safety			
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.

Table 4: Bid Evaluation Matrix – Chest mount.

Req. #	Requirement Statement	Method of Compliance	Additional Instructions to Bidder and Evaluation Criteria
Chest mount Specs 1	PHYSICAL REQUIREMENTS		
Chest mount Specs 1.1	General		
Chest Mount Specs 1.1.1	Chest Mount will be required for both ISS EUD-O and ISS EUD-S.	Explanation	This technical evaluation criterion will be met if the Explanation demonstrates that the requirement is met.
Chest mount Specs 1.2	Non-Developmental Item		
Chest Mount Specs 1.2.1	Chest Mount must be: a) Of proven (tested) design and functionalities; b) Provided with Identification marking and Linear Barcode Symbolologies.	Explanation	Bidder must provide the following information in their Explanation: a) The product must be of proven design and functionalities; b) Identification and Linear Barcode Symbolologies provided.
Chest mount Specs 2	PHYSICAL REQUIREMENTS		
Chest mount Specs 2.1	Size		
Chest mount Specs 2.1.1	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.
Chest mount Specs 3	INTERFACE REQUIREMENTS		
Chest mount Specs 3.1	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 3.2	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.
Chest mount Specs 4	ENVIRONMENT CONDITIONS		

Chest mount Specs 4.1	General			
Chest mount Specs 4.1.1	The Chest mount must meet IP68 rating.	Explanation	This technical evaluation criterion will be met if the Explanation confirms that the requirement is met.	
Chest mount Specs 4.1.2	The Chest mount must be compliant with MIL-STD-810G and MIL-STD-810H.	Explanation	This technical evaluation criterion will be met if the Explanation confirms that the requirement is met.	
Chest mount Specs 5	HEALTH AND SAFETY			
Chest mount Specs 5.1	General			
Chest mount Specs 5.1.1	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 5.1.2	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.	
Chest mount Specs 5.2	Mechanical Safety			
Chest mount Specs 5.2.1	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.	

