

**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
Bid Receiving - PWGSC / Réception des soumissions -  
TPSGC  
11 Laurier St. / 11, rue Laurier  
Place du Portage, Phase III  
Core 0A1 / Noyau 0A1  
Gatineau, Québec K1A 0S5  
Bid Fax: (819) 997-9776

**SOLICITATION AMENDMENT**  
**MODIFICATION DE L'INVITATION**

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

**Comments - Commentaires**

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

**Issuing Office - Bureau de distribution**  
Land Projects and Communication System Support  
Division/Div des projets terrestres et support de  
systèmes de communication  
11 Laurier St. / 11, rue Laurier  
8C2, Place du Portage, Phase III  
Gatineau  
Québec  
K1A 0S5

<b>Title - Sujet</b> Integrated Soldier System Project	
<b>Solicitation No. - N° de l'invitation</b> W8476-112965/B	<b>Amendment No. - N° modif.</b> 014
<b>Client Reference No. - N° de référence du client</b> W8476-112965	<b>Date</b> 2013-06-12
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$RA-004-23669	
<b>File No. - N° de dossier</b> 004ra.W8476-112965	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2013-08-01</b>	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Scott, Sean	<b>Buyer Id - Id de l'acheteur</b> 004ra
<b>Telephone No. - N° de téléphone</b> (819) 997-5288 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

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

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**This amendment is raised for the ISSP Request For Proposal (RFP) number W8476-112965/B.**

*The intent of this amendment is to provide a clarifying response to Industry poised questions and where applicable, amend the RFP in response to Industry questions.*

**Questions and Answers:**

**Q26:** According to Volume 1, Annex CB, Appendix 2, Attachment 1, paragraph 4.6, the CADRG maps are the “DSSPM Data Files - Evaluation Area Maps: \[PE CFB name]\Imagery\[map name.tif]” provided with the Government Furnished Information (GFI) CD. We are not able to load them as CADRG, but rather as GeoTiff files. Can you confirm that these files are not CADRG files?

**A26:** CADRG files were not provided on the GFI CD. The ability to process and use CADRG files will not be evaluated during the Performance Evaluation (PE). Volume 1 of the RFP has been modified accordingly.

**Q27:** As the RFP is silent on this issue, please confirm that Canada handles the kitting of the LRUs that are included in the ISS.

**A27:** Yes, Canada handles the kitting of the LRUs that are included in the ISS.

**Q28:** At the Bidders conference on 1 May 2013, it was confirmed that the primary location for the conduct of the User Acceptance Performance Evaluation (UAPE) will be Canadian Forces Base (CFB) Petawawa, ON. Since this is the same Base that was used for the 2012 UAPE for RFP I, we are concerned about potential sources of bias. What are the bias control mechanisms that Canada will have in place to re-assure bidders about this concern?

**A28:** The evaluation soldiers tasked for the 2013 UAPE come from a different Unit than those tasked for the 2012 UAPE. Also, the evaluation soldiers will be screened to ensure that none of them participated in the 2012 UAPE. All UAPE support staff and evaluation soldiers receive bias control training, sign non-disclosure agreements and are held accountable for their actions.

**Q29:** With reference to Volume 1, Annex AB, Para 9.3.1.1, please confirm that declaring a software license as an independent LRU is confined exclusively to completing Part 2 of the ISS-A Financial Bid Sheets, and more specifically, please confirm that all other RFP requirements relating to LRUs do not consider any software licenses as a separate LRUs for the

purposes of (1) submitting a compliant bid, and (2) the interpretation of the resulting contract clauses.

**A29:** Software license(s) are consider as LRUs for both the ISS-A and OWSS FBPS as per annex AB of Volume 1, article 9.3.1.1 *Integrated Soldier System – Electronic Suite (ISS-ES)*. Further reference annex AC to Volume 1 Section VIII – *ISS-OWSS Financial Bid* Article 8.5.2 states: “The instructions for the submission of prices for the sub-items 9.1 to 9.4 are at RFP paragraph 9.3 to annex AB to Volume 1.”

**Q30:** With reference to:

- Volume 1, Annex CB, Appendix 2, Para 3.3.1.1;
- Volume 1, Annex CB, Appendix 2, Para 3.3.1.7;
- Volume 1, Annex CC, Appendix 2, Table 1, Serial 1, Requirement Column;
- Volume 1, Annex CC, Appendix 2, Table 1, Serial 7, Requirement Column;
- Volume 1, Annex CD, Para 3.3.4;
- Volume 1, Annex CE, Appendix 1, ID 3.3.2.3, Requirements Column;
- Volume 1, Annex CF, Appendix 1, Para 4.1;
- Volume 1, Annex CF, Appendix 1, Para 4.2;
- Volume 1, Annex CF, Appendix 1, Para 4.4.1;
- Volume 1, Annex CF, Appendix 1, Para 5.4.7;
- Volume 1, Annex CF, Appendix 1, Para 6.5.7;
- Volume 1, Annex CG, Para 2; and
- Volume 1, Annex CG, Appendix 1, Table 2, ID 2.1.1, Instructions to Bidders Column (bullets 1 and 4),

and in consideration of:

- Volume 2, Annex CC, Appendix 1, CDRL CM-005, Blocks 9, 10, 12, and 14,

please confirm that, in all above referenced elements of Volume 1 of the RFP, all instances of the term “EBS” and “Equipment Breakdown Structure” should in fact be worded as “Bidder Supplied Draft EBS”, or “Bidder Supplied Draft Equipment Breakdown Structure”, respectively, to distinguish the Bidder supplied draft EBS from the terms “EBS”, “Equipment Breakdown Structure”, “Draft EBS”, “Final EBS”, “Final version of the EBS”, “Updated EBS”, “Revised EBS”, “Accepted EBS”, and “Accepted Equipment Breakdown Structure” used throughout the resulting contract clauses in Volumes 2 and 3.

**A30:** Confirmed.

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**Q31:** In RFP Volume 1, Annex CC, Appendix 1, Serial 67 TPS-5151 states in both the Instructions to Bidder and the Evaluation Criteria and Scale "...the confidentiality of the cryptographic keying materiel ... 32 bits of integrity." Please confirm that these two texts should read "... the integrity of the cryptographic keying material ... 32 bits of integrity."

**A31:** TPS-5151 is strictly concerned with ensuring the cryptographic keying material is free of errors. In their submission, bidders should prove that the keying material's integrity is protected using at least 32 bits of integrity.

**Q32:** With reference to Volume 1, Annex CC, Appendix 1, Serial 37 (TPS-976), one interpretation of this requirement is the ISS-S fixed password size should be settable within the ranges defined in the TPS, whereas another interpretation is that the ISS-S minimum password size should be settable. Does DND intend all passwords to be a fixed size, as in "The ISS-S fixed password size ...", or should this requirement read "The ISS-S minimum password size ..."?

**A32:** Requirement TPS-976 describes the characteristics of the password feature. DND is asking that the password feature accept passwords between four (4) and sixteen (16) characters in length. There is no penalty if larger passwords can be entered. It should be possible for system administrators to set the minimum password length to any size within the supported password length range.

**Q33:** Soldiers during UAPE would get a much better appreciation of the comfort and wearability of our ISS if they were given a chance to evaluate the audio display with custom canalphones. This could be implemented if we were provided with access to the soldiers three weeks prior to the start of UAPE for a fitting. We request that PWGSC allow us to provide custom canalphones for UAPE.

**A33:** Custom canalphones will not be used for UAPE for the following reasons:

- The final nominal roll for the UAPE evaluation soldiers will be available only few days before the start of the orientation and baseline activities therefore not allowing sufficient time for the fitting of soldiers and delivery on time for the UAPE start;
- Their use would have to be mandated for all bidders;
- Access to evaluation soldiers by all bidders is problematic as each may have different approaches and timelines associated with fitting soldiers;
- Some of the requirement in the User Acceptance Performance Specification (UAPS) would have to be adjusted and their evaluation methodology modified to cater for custom canalphones use; and

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- Provision of custom canaphones sets is an in-service support requirement which will be evaluated through the OWSS portion of the bid evaluation process (paper based) and not at UAPE.

**Q34:** Could you explain how the soldier carries the rucksack while wearing the Modular Load Carriage System (MLCS), CF hydration System and PRC-152?

**A34:** The rucksack will be carried by the evaluation soldiers as part of Test Stand # 9 - Other Equipment and Clothing Compatibility, during the UAPE. There are several methods of wearing the rucksack while the soldier is wearing an MLCS which is dorsally burdened with pouches and equipment:

- a. carry the rucksack overtop of the dorsally mounted MLCS pouches and equipment; though uncomfortable for long duration and over complex terrain this method is used in emergency situations while conducting both training and operations;
- b. remove the equipment from the dorsal pouches, such as the hydration bladder with hose and PRC 152, and stow them within or aboard the rucksack; the rucksack is then carried directly over the dorsally mounted pouches; or
- c. remove the dorsal pouches and their resident equipment from the MLCS. The removed materiel maybe stowed within or aboard the rucksack, or relocated on the MLCS via shingling. If the soldier has a general utility pouch a hydration bladder can also be stowed within that. This method is utilised for tactical moves that are prefaced with ample battle procedure and preparation time.

**Q35:** With respect to Volume 1, Annex CC, Appendix 1, Serial 32 (TPS-973), which reads “An authentication procedure is not required to provide ISS-S radio network voice and data services”, the reference to “data services” can be interpreted to include Battle Management System (BMS) software functions invoked by an ISS-S User, which would then contradict the remainder of this requirement. Should this reference to “data services” be the same as the more explicit reference in Serial 35 TPS-4082, which states “data reception and automated data transmission”?

**A35:** The term “data services” used in serial 32 (TPS-973) is strictly related to the services provided by the ISS-S radio (i.e. communications functions). This statement refers specifically to “ISS-S radio network voice and data services” and does not include BMS software functions.

**Q36:** With reference to Volume 1, Annex CC, Appendix 1, Serial 45 (TPS-936), which states “The integrity mechanism used to protect stored data should provide an equivalent strength factor of at least 80 bits”, please confirm that “an equivalent strength factor of at least 80 bits” means

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that, if HMAC is used as the integrity mechanism, as defined in Serial 46 (TPS-937) item c), then the HMAC key input must be 80 bits or more of entropy?

**A36:** Correct. Regardless of the security method used to protect the stored data, it should provide a minimum protection level of 80 bits of entropy.

**Q37:** Slide 39 of the Bidder's Conference presentation package states in Paragraph 4. "The P(Bid) System delivered to the designated Canadian Forces Base for the Performance Evaluation (PE) **MUST** be a true representation of the Bidder's Technical Bid and will be the baseline at the start of the System Qualification Phase (Phase A) of the Acquisition Contract".

To confirm our understanding of this statement, does it mean that a component LRU of the bidder's ISSP solution (the radio for example) must remain the same model from proposal through PE, through to the beginning of System Qualification, i.e. a bidder does not have the option to start PE with one model (which may possibly not be fully compliant), even though the bidder has committed in the proposal that this product will be compliant and/or enhanced, by either the beginning of the System Qualification Phase, or no later than the end of System Qualification?

**A37:** Using the example provided in the question, the LRUs identified in the bidder's proposal and presented at PE must be the same model. The bidder can enhance their proposed solution before and after the beginning of the System Qualification Phase of the Acquisition Contract. However, DND requires full traceability of the changes proposed, and reserves the right to refuse certain changes, as described in the Acquisition Statement of Work (ASOW). The integrity and validity of User Acceptance Performance Evaluation (UAPE) results must be preserved, therefore any proposed change deemed to invalidate the UAPE results or degrade user acceptance of the solution may be rejected by DND.

**Q38:** At the Bidders Conference held on 1 May 2013, it was indicated that a clarification would be produced on the Government Electronic Tendering Service (GETS) to confirm the final location and timeline scenario for the Performance Evaluation (PE).

**A38:** The following PE related information can now be confirmed. Scenario B presented at slide #38 of the Bidders Conference presentation is the scenario that has been retained. Additional details will be included in the PE Invitation letter provided to each bidder in early August 2013 IAW RFP volume 1, para 2.6.4 – Invitation to PE activities. As a reminder:

- PE location: Canadian Forces Base Petawawa, ON;
- P(Bid) delivery and audit: 26 – 27 August 2013;
- Bidders Coordination and orientation meeting: 29 August 2013

- P(Bid) Evaluation: 30 August – 7 September 2013
- UAPE bloc 1: 9 – 13 September 2013

## Modifications to the RFP:

**46.** At RFP Volume 1, Annex CB, Appendix 2, Attachment 1, section 4.6, page 3 of 5:

**DELETE:** - 1 x CADRG Map (DSSPM Data Files - Evaluation Area Maps: \[PE CFB name]\Imagery\[map name.tif] );

**47.** At RFP Volume 1, Annex CC, Appendix 3, Table 1, Serial 5, page 4. of 15, in the Instructions to Bidder column:

**DELETE:** - 1 x CADRG Map (DSSPM Data Files - Evaluation Area Maps: \[PE CFB name]\Imagery\[map name.tif] );

**48.** At RFP Volume 1, Annex CC, Appendix 3, Table 1, Serial 7 on page 5 of 15, in the Instructions to Bidder column

### **DELETE:**

1. If modification or conversion of the maps using the SEP Suite is required in order to distribute them to individual ISS-S, then:
  - Node 1 must first load and display the custom CADRG map visible on the Tactical User Interface display. An Evaluation Team member is to observe and ensure that the map is visible on the display.
  - Node 1 must then replace the custom CADRG map by the custom GeoPDF map such that only the custom GeoPDF map is visible on the Tactical User Interface display. An Evaluation Team member is to observe and ensure that the map is visible on the display.
  - Node 1 must replace the custom GeoPDF map by the custom GeoTIFF map such that only the custom GeoTIFF map is visible on the Tactical User Interface display. An Evaluation Team member is to observe and ensure that the map is visible on the display.
2. If no modification or conversion is required using the SEP Suite, maps must be distributed as per Serial 5. Hence:
  - Node 1 must first load the CADRG map such that it is visible on the Tactical User Interface display. An Evaluation Team member is to observe and ensure that the map is visible on the display.

- 
- Node 1 must then replace the CADRG map by the GeoPDF map such that only the GeoPDF map is visible on the Tactical User Interface display. An Evaluation Team member is to observe and ensure that the map is visible on the display.
  - Node 1 must replace the GeoPDF map by the GeoTIFF map such that only the GeoTIFF map is visible on the Tactical User Interface display. An Evaluation Team member is to observe and ensure that the map is visible on the display.

**INSERT:**

1. If modification or conversion of the maps using the SEP Suite is required in order to distribute them to individual ISS-S, then:
  - Node 1 must first load and display the custom GeoPDF map such that only the custom GeoPDF map is visible on the Tactical User Interface display. An Evaluation Team member is to observe and ensure that the map is visible on the display.
  - Node 1 must replace the custom GeoPDF map by the custom GeoTIFF map such that only the custom GeoTIFF map is visible on the Tactical User Interface display. An Evaluation Team member is to observe and ensure that the map is visible on the display.
2. If no modification or conversion is required using the SEP Suite, maps must be distributed as per Serial 5. Hence:
  - Node 1 must first load the GeoPDF map such that only the GeoPDF map is visible on the Tactical User Interface display. An Evaluation Team member is to observe and ensure that the map is visible on the display.
  - Node 1 must replace the GeoPDF map by the GeoTIFF map such that only the GeoTIFF map is visible on the Tactical User Interface display. An Evaluation Team member is to observe and ensure that the map is visible on the display.

**49.** At RFP Volume 1, Annex CC, Appendix 3, Table 1, Serial 7 on page 5 of 15, in the Evaluation Criteria and Scale column

**DELETE:** CADRG,

**ALL OTHER TERMS AND CONDITIONS OF THE SOLICITATION  
REMAIN UNCHANGED**