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Place du Portage, Phase III
Core 0B2 / Noyau 0B2
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
Scientific, Medical and Photographic Division /
Division de l'équipement scientifique, des produits
photographiques et pharmaceutiques
L'Esplanade Laurier
140 O'Connor Street,
East Tower, 7th Floor
Ottawa
Ontario
K1A 0S5

Title - Sujet RADIATION DETECTION SYSTEM	
Solicitation No. - N° de l'invitation W8486-228166/A	Amendment No. - N° modif. 009
Client Reference No. - N° de référence du client W8486-228166	Date 2022-03-28
GETS Reference No. - N° de référence de SEAG PW-\$\$PV-961-80890	
File No. - N° de dossier pv961.W8486-228166	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Daylight Saving Time EDT on - le 2022-04-07 Heure Avancée de l'Est HAE	
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes	
Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Bellerdine(pv961), Chad	Buyer Id - Id de l'acheteur pv961
Telephone No. - N° de téléphone (613) 323-0178 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	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

Amendment 009 has been raised to modify the Request for Proposal (RFP) and publish all answers to questions received to-date.

A. QUESTIONS AND ANSWERS

Q1. SOW A6.2.10; Have a relative intrinsic error in the response to the reference alpha radiation (isotope used for A6.2.8) must not exceed +/-30% across the energy range. SOW A6.2.8; Have a 4Π alpha efficiency of at least 10% for all alpha reference isotopes in Table 3 of ANSI N42.17A.

Question: Can Canada clarify this requirement? It is unclear whether A6.2.10 refers to a single isotope from the A6.2.8 list in ANSI N42.17A.

A1. Upon consideration of the difficulties involved in preparing for an undefined validation process Canada is removing requirements A6.2.10. Canada will be using the response of the probe against existing probes as a metric during the evaluation phase. See RFP Amendment below.

Q2. SOW A6.2.11; Have a relative intrinsic error in the response to the reference beta radiation (isotope used for A6.2.9) must not exceed +/-30% between 300keV and 5 MeV. SOW A6.2.9; Have a 4Π beta efficiency of at least 10% for all beta reference isotopes in Table 3 of ANSI N42.17A and at least 5% for C-14.

Question: Can Canada clarify this requirement? It is unclear whether A6.2.11 refers to a single isotope from the A6.2.9 list in ANSI N42.17A.

A2. Upon consideration of the difficulties involved in preparing for an undefined validation process Canada is removing requirement A6.2.11. Canada will be using the response of the probe against existing probes as a metric during the evaluation phase. See RFP Amendment below.

Q3. SOW A2.2.10/A3.2.11: Built-in background subtraction feature.

Question: Current NATO military RDS systems have no built-in background subtraction features. If this feature is desired for what we assume is mounted operational use; can Canada provide background substitution factors based on anticipated operational use such as: Soft skin vehicle (i.e. HMMV/truck), Light/medium armored vehicle (i.e. LAV,BISON), Heavy armored vehicle (i.e. tank). This would allow background substitution to be a selectable feature.

A3. As per Solicitation Amendment 007 (Q4) the requirement for background subtraction has been removed. The ability to enter custom attenuation factors has not changed.

- Q4.** SOW A8.2.3: FIDLER detection windows
Question: Can Canada confirm the requirement for U-235 efficiency is 65 cps/kBq or 6.5 cps/kBq? NOTE: 65 cps/kBq is currently well beyond the range of current NATO forces RDS equipment.
- A4.** The requirement is for 65 cps/kBq (U-235) at 1cm, not at 25cm. However, showing an MDA of 16kBq is acceptable.
- Q5.** SOW 5.3.1 Maintenance and Support; “The RDS Maintenance Concept embodies a ‘Line Replacement Unit’ approach for completing maintenance support. This means that any system/subsystem of RDS requiring maintenance beyond ‘Field Maintenance’ will be replaced with a corresponding system/subsystem from spare (logistical) stock.”
Question: This paragraph does not define the time period of which we are responsible to perform those repairs - Please advise.
- A5.** The Contractor is NOT responsible for those repairs. The Contractor will provide training, including first line or field maintenance. Items requiring more extensive repair will be replaced by DND from spare stock.
- Q6.** RFP 7.4.1 Period of Contract
“The period of the Contract begins on the date the contract is awarded and ends 5 years after delivery and acceptance of the work or the length of the Contractor’s or manufacturer’s standard warranty period, whichever is longer”
Question: Please confirm if both statements combined above imply a replacement is required for up to 10 years (5 years after the delivery in the 5th year). However, items delivered in the 1st year would only be supported through year 6.
- A6.** The period of the contract begins at the time of contract award and ends 5 years later (up to 7 if option periods are exercised). The term would only run longer if the warranty period of the last units received went past this time. See RFP amendment below.
- Q7.** Requirement A6.2.10: Relative intrinsic error – alpha; Can Canada specify how they intend to verify this requirement? Based on how they would verify the requirement, we can determine whether we do or do not comply.
- A7.** Refer to B2 below.

Q8. Requirement A6.2.11: Relative intrinsic error – beta; Can Canada specify how they intend to verify this requirement? Based on how they would verify the requirement, we can determine whether we do or do not comply.

A8. Refer to B3 below.

Q9: Please advise if the spare logistical stock will be obtained through the optional buy # of units and maintained by CAF at their depot.

A9. Yes, a significant portion of the planned spare logistical stock will be obtained through the buying of optional quantities and stored by Canada.

Q10. Does Canada require a demilitarization plan if the proposed system is not a controlled good?

A10. Demilitarization instructions are required for all Controlled Goods and all systems containing HAZMAT. Any system that is neither Controlled Goods nor contain HAZMAT, may be exempted from submitting demilitarization instructions.

B. RFP MODIFICATION

B1. At **Solicitation Article 7.4 – Term if Contract, DELETE 7.4.1 and REPLACE** with the following:

7.4.1 Period of the Contract

(a) The period of the Contract begins on the date the contract is awarded and ends after 5 years or the length of the Contractor's or manufacturer's standard warranty period, whichever is longer; and

(b) The period during which the Contract is extended, if Canada chooses to exercise any options set out in the Contract.

B2. At **Annex A, A6.2.10**

DELETE: in its entirety.

B3. At **Annex A, A6.2.11**

DELETE: in its entirety.