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## 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

<b>Title - Sujet</b> RADIATION DETECTION SYSTEM	
<b>Solicitation No. - N° de l'invitation</b> W8486-228166/A	<b>Amendment No. - N° modif.</b> 003
<b>Client Reference No. - N° de référence du client</b> W8486-228166	<b>Date</b> 2022-02-15
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$\$PV-961-80890	
<b>File No. - N° de dossier</b> pv961.W8486-228166	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> Eastern Standard Time EST <b>on - le 2022-03-21</b> Heure Normale du l'Est HNE	
<b>F.O.B. - F.A.B.</b> Specified Herein - Précisé dans les présentes <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input checked="" type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Bellerdine(pv961), Chad	<b>Buyer Id - Id de l'acheteur</b> pv961
<b>Telephone No. - N° de téléphone</b> (613) 323-0178 ( )	<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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Amendment 003 has been raised to modify the Request for Proposal (RFP) and publish all answers to questions received to-date.

#### **A. QUESTIONS AND ANSWERS**

**Q1.** For bidders opting to provide both the H-H and V-M Systems, will Canada create separate pricing response tables for each system, or will Canada separate the bidder's H-H and V-M prices to complete the individual price evaluations?

**A1.** Canada will separate the bidder's H-H and V-M prices to complete the individual price evaluations. The pricing Tables in Annex F – Basis of Payment must be used.

**Q2.** If a bidder wins both the H-H System and the V-M System and presumably Canada then awards one combined contract, is the expectation that ILS items will only be submitted/performed once (for example, one Project Delivery Plan, one Kick-Off Meeting, one session of initial Cadre Training that includes both pieces of equipment, etc) or is it Canada's intention to hold and pay for two sets of ILS items?

**A2.** Yes, just one ILS is required. But if a bidder wants to provide multiple of any ILS deliverable, to separate Hand-Held from Vehicle-Mounted deliverables (as an example, a separate Kick-Off Meeting for each), they may do so and bid a price accordingly.

**Q3.** Annex D (Page 18-22) identifies 93 separate tests. Which of these tests are applicable to the H-H evaluation and which are applicable to the V-M evaluation?

**A3.** "Base Unit and general Kit" #1-23 are for both H-H and V-M;  
"Beta / Gamma Probe" #24-35 are for the H-H and **may** also be for V-M if the proposed V-M solution incorporates a beta/gamma probe (like Canada's existing system);  
The remaining tests, #36-93, are only for the H-H system.

**Q4.** We assume the technical scoring of the H-H System and V-M System will be separated so that each system is scored individually. At Annex D Para 3.8.2, please confirm that the Quantifiable Parameters Score (section 3.4.4) and the Operational Criteria Evaluation Score (section 3.8.1) are weighted equally.

**A4.** Correct, H-H and V-M scoring will be performed separately. Confirmed, the score from sections 3.4.4 and 3.8.1 are scored equally; except that a system that proposes to serve as both H-H and V-M would receive a 5% overall boost. If a system is proposed that does both roles, its score would be calculated and at the end the V-M portion would have 2.5% added on top of the score obtained (same for H-H) before being compared to other systems (which may or may not have this bonus mark, depending on whether they also proposed a dual purpose system).

## **B. RFP MODIFICATION**

**B1.** At Article 7.6.1 of the Solicitation document, delete in its entirety and replace with the following:

### **7.6.1 Basis of Payment**

#### **Functional Evaluation**

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 "F" - Basis of Payment, Table 1. Customs duties are included and Applicable Taxes are extra.

#### **Initial Requirement**

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 "F" - Basis of Payment, Table 2. Customs duties are included and Applicable Taxes are extra.

#### **Optional Requirements**

For the option to purchase additional units, if Canada exercises its option, Canada will pay the Contractor, firm unit price(s), as specified in Annex "F" - Basis of Payment, Table 3. Customs duties are included and Applicable Taxes are extra.

**B2.** At **ANNEX A – STATEMENT OF WORK**, delete the section titled Fielding Phase in its entirety and replace with the following:

### **6.4 Fielding Phase**

The table below delineates the quantities and timeline for delivery that the Contractor must commit to. Additionally, Canada reserves the right to exercise the optional quantities listed below.

**Table 1 Delivery Schedule**

Schedule	Item	Item Description	Minimum Required Qty
6 Month from Contract award (Training Kits)	1	Vehicle Kit (see section A2.7.3)	5
	2	Hand-Held General Use Kit (see section A3.8.3)	10
	3	Hand-Held Advanced Use Kit (see Section A3.8.4)	5
	4	High Sensitivity Gamma Probe Kit (see section A3.8.5)	2
	5	FIDLER Probe Kit (see section A3.8.6)	2
	6	Neutron Probe Kit (see section A3.8.7)	2
18 Month from Contract award	7	Master Project Schedule (3.2)	LOT
	8	Kick-off Meeting (4.2)	1
	9	Meeting Agenda (4.4.2)	LOT
	10	Meeting Minutes (4.4.3)	LOT
	11	Drawings (5.15.1)	LOT
	12	Training Modules (5.17.3.1)	LOT
	13	Training Session including 3 modules (5.17.4)	1
	1	Vehicle Kit (see section A2.7.3)	25
	2	Hand-Held General Use Kit (see section A3.8.3)	50
	3	Hand-Held Advanced Use Kit (see Section A3.8.4)	20
	4	High Sensitivity Gamma Probe Kit (see section A3.8.5)	12
	5	FIDLER Probe Kit (see section A3.8.6)	1
	6	Neutron Probe Kit (see section A3.8.7)	1
	7	Maintenance Plan (5.4)	1
	8	Configuration Status Account Report (CSAR) (5.6)	1
	9	Serial Number Registry (SNR) (5.7)	1
	10	Safety Data Sheets (SDS) (5.8)	1
	11	Equipment Identification Plate Drawings (5.9)	1

Schedule	Item	Item Description	Minimum Required Qty
	12	Marking Data for Storage and Shipment (5.10)	1
	13	Packaging Data (5.11)	1
	14	Provisioning Parts Breakdown / Recommended Spare Parts List (5.12.1)	1
	15	Supplementary Provisioning Technical Documentation (SPTD) (5.13)	1
	16	Provisioning Drawings & Associated Lists (5.15)	1
	17	First Line Maintenance Manual (5.16.2)	1
	18	Equipment Environmental Assessment (5.18.13)	1
	19	Demilitarization Instructions	
30 Month from Contract award	1	Vehicle Kit (see section A2.7.3)	25
	2	Hand-Held General Use Kit (see section A3.8.3)	90
	3	Hand-Held Advanced Use Kit (see Section A3.8.4)	40
	4	High Sensitivity Gamma Probe Kit (see section A3.8.5)	21
	5	FIDLER Probe Kit (see section A3.8.6)	3
	6	Neutron Probe Kit (see section A3.8.7)	6
42 Month from Contract award			
	1	Vehicle Kit (see section A2.7.3)	25
	2	Hand-Held General Use Kit (see section A3.8.3)	75
	3	Hand-Held Advanced Use Kit (see Section A3.8.4)	40
	4	FIDLER Probe Kit (see section A3.8.6)	0
	5	Neutron Probe Kit (see section A3.8.7)	6
54 Month from Contract award			
	1	Vehicle Kit (see section A2.7.3)	20
	2	Hand-Held General Use Kit (see section A3.8.3)	75
	3	Hand-Held Advanced Use Kit (see Section A3.8.4)	40
	4	FIDLER Probe Kit (see section A3.8.6)	0

Schedule	Item	Item Description	Minimum Required Qty
	5	Neutron Probe Kit (see section A3.8.7)	3

**Options**

Canada has the right to exercise options to procure additional Systems as needed within 2022-2027 as shown in the table below.

**Table 2 Optional Quantities**

Schedule	Item	Item Description	Option Qty (Estimated)
2022-2027	1	Vehicle Kit (see section A2.7.3)	300
	2	Hand-Held General Use Kit (see section A3.8.3)	315
	3	Hand-Held Advanced Use Kit (see Section A3.8.4)	345
	4	High Sensitivity Gamma Probe Kit (see section A3.8.5)	40
	5	FIDLER Probe Kit (see section A3.8.6)	25
	6	Neutron Probe Kit (see section A3.8.7)	10
	7	Option to purchase additional Vehicle-Mounted Base Unit	40
	8	Option to purchase additional Hand-Held Base Unit	100
	9	Option to purchase additional High Sensitivity gamma Probe + Cable/Connectors	100
	10	Option to purchase additional Gamma / Beta Probe + Cables/Connectors	100
	11	Option to purchase additional Beta "Frisker" Probe + Cables/Connectors	100
	12	Option to purchase additional Alpha / Beta Probe + Cables/Connectors	100
	13	Option to purchase additional FIDLER Probe +	6
	14	Option to purchase additional Neutron Probe + Cable/Connectors	3
	15	Option to purchase additional Telescoping Handle	100
	16	Option to purchase spare parts, consumables for 5 years, ordered on an "as and when" required basis from the "Provisioning Parts Breakdown", up to the maximum approved total cost.	1

	17	Option to purchase additional Operator Training	5

**B3.** At **ANNEX D – BID EVALUATION PLAN**, section 3.4.3, delete line SOW Ref A2.1.5 and replace with the following:

A2.1.5	The V-M Base Unit must meet or exceed IP54 (protection against dust penetration and water spray).	IP 54 IP 64 or IP 74 IP 75 or greater	0 points 2 point 4 points	____/4
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**B4.** At **ANNEX D – BID EVALUATION PLAN**, section 3.4.3, delete line SOW Ref A3.1.9 and replace with the following:

A3.1.5	The H-H Base Unit must meet or exceed IP64 (protection against dust penetration and water spray).	IP 64 IP 65 or IP 74 IP 75 or greater	0 points 2 point 4 points	____/4
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**B5.** At **ANNEX D – BID EVALUATION PLAN**, section 3.4.4, delete in its entirety and replace with the following:

3.4.4 The following table will be used to generate the Phase II Quantifiable Score.

	Achieved Score	Bonus for single combined system	Phase II Quantifiable Score
Vehicle-Mounted System	____/30 x 100%	+2.5%	____ %
Hand-Held System	____/70 x 100%	+2.5%	____ %

**Note:** A score of zero would indicate minimum compliance, and would not, in itself, constitute a failure.

**B6.** At **ANNEX F – Basis of Payment**, delete in its entirety and replace with the following:

Solicitation No. - N° de l'invitation  
W8486-228166/A  
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Amd. No. - N° de la modif.  
003  
File No. - N° du dossier  
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pv961  
CCC No./N° CCC - FMS No./N° VME

## ANNEX "F" - BASIS OF PAYMENT

The Bidder must provide all of the pricing requested in the following Tables in accordance with **Article 7.6.1 - Basis of Payment**.

**Table 1: Functional Evaluation (as per PHASE II: Point Rated Technical Criteria Evaluation of Annex D):**

**Delivery Schedule:** Units for Functional Evaluation must be delivered within 3 months of the Solicitation closing date (after receiving the separate contract noted below).

Item	Description	Estimated Number of Units	Unit of Issue (UI)	Firm Unit Price	Extended Price (Number of Units X Firm Unit Price)
Contractors bidding ONLY on the Hand-Held System enter N/A for Items 1 - 3					
1	Vehicle-Mounted Base Unit (including probe if required), as per Annex A	4	Each	\$	\$
2	Quick start guide (Draft) for Vehicle-Mounted System	1	Lot	\$	\$
3	Support equipment as per item 10 in table in 3.1.4 in Annex D	Sufficient	Lot	\$	\$
Contractors bidding ONLY on the Vehicle-Mounted System enter N/A for Items 4 - 13					
4	Hand-Held Base Unit, as per Annex A	4	Each	\$	\$
5	Gamma / Beta Probe, including required Cables/Connectors, as per Annex A	5	Lot	\$	\$
6	Beta "Frisker" Probe, including required Cables/Connectors, as per Annex A	5	Lot	\$	\$
7	Alpha / Beta Probe, including required Cables/Connectors, as per Annex A	5	Lot	\$	\$
8	High Sensitivity Gamma Probe, including required Cables/Connectors, as per Annex A	3	Lot	\$	\$
9	FIDLER Probe, including required Cables/Connectors, as per Annex A	3	Lot	\$	\$
10	Neutron Probe, including required Cables/Connectors, as per Annex A	3	Lot	\$	\$
11	Telescoping Handle, as per Annex A	5	Lot	\$	\$
12	Quick start guide (Draft) for Hand-Held System	1	Lot	\$	\$



13	Support equipment as per item 10 in table in 3.1.4 in Annex D	Sufficient	Lot	\$	\$
If bidding on BOTH Vehicle-Mounted and Hand-Held Systems ensure all line items are complete.					
				Evaluated Price:	
				Sum of Items in this list	

**Note;** items in Table 1 are being procured under a separate contract prior to the award of the final contract(s) after completion of the selection process.

**Table 2: Firm Delivery Requirement During the Contract Period:**

Item	Description	Number of Units	Unit of Issue	Firm Unit Price	Extended Price (Number of Units X Firm Unit Price)
<b>Contractors bidding ONLY on the Hand-Held System enter N/A for Item 1</b>					
1	Vehicle Kit (see section A2.7.3)	100	Each	\$	\$
<b>Contractors bidding ONLY on the Vehicle-Mounted System enter N/A for Items 2 - 6</b>					
2	Hand-Held General Use Kit (see section A3.8.3)	300	Each	\$	\$
3	Hand-Held Advanced Use Kit (see Section A3.8.4)	150	Each	\$	\$
4	High Sensitivity Gamma Probe Kit (see section A3.8.5)	35	Each	\$	\$
5	FIDLER Probe Kit (see section A3.8.6)	6	Each	\$	\$
6	Neutron Probe Kit (see section A3.8.7)	18	Each	\$	\$
<b>All Contractors must complete line items 7 – 25 (ILS items)</b>					
7	Master Project Schedule (3.2)	Lot	Lot	\$	\$
8	Kick-off Meeting (4.2)	1	Lot	\$	\$
9	Meeting Agenda (4.4.2)	Lot	Lot	\$	\$
10	Meeting Minutes (4.4.3)	Lot	Lot	\$	\$
11	Training Modules (5.17.3.1)	Lot	Lot	\$	\$
12	Training Session including 3 modules (5.17.4)	1	Lot	\$	\$
13	Maintenance Plan (5.4)	1	Lot	\$	\$
14	Configuration Status Account Report (CSAR) (5.6)	1	Lot	\$	\$
15	Serial Number Registry (SNR) (5.7)	1	Lot	\$	\$
16	Safety Data Sheets (SDS) (5.8)	1	Lot	\$	\$

17	Equipment Identification Plate Drawings (5.9)	1	Lot	\$	\$
18	Marking Data for Storage and Shipment (5.10)	1	Lot	\$	\$
19	Packaging Data (5.11)	1	Lot	\$	\$
20	Provisioning Parts Breakdown / Recommended Spare Parts List (5.12.1)	1	Lot	\$	\$
21	Supplementary Provisioning Technical Documentation (SPTD) (5.13)	1	Lot	\$	\$
22	Drawings (5.15.)	1	Lot	\$	\$
23	First Line Maintenance Manual (5.16.2)	1	Lot	\$	\$
24	Equipment Environmental Assessment (5.18.13)	1	Lot	\$	\$
25	Demilitarization Instructions (5.19)	1	Lot	\$	\$
<b>If bidding on BOTH Vehicle-Mounted and Hand-Held Systems ensure all line items are complete.</b>					<b>Evaluated Price:</b> Sum of items in this list

**Note;** items in Table 2 are procured under the final Contract(s) following completion of the selection process.

**Delivery Schedule:** See Annex A, Section 6.4 – Fielding Phase

**Table 3: Optional Requirements**

Item	Description	Total Estimated Number of Units for Evaluation Purposes*	UI	Firm Unit Price (Contract Year 1)	Firm Unit Price (Contract Year 2)	Firm Unit Price (Contract Year 3)	Firm Unit Price (Contract Year 4)	Firm Unit Price (Contract Year 5)	Firm Unit Price (Option Year 1)	Firm Unit Price (Option Year 2)	Extended Price (Number of Units X Firm Unit Prices)**
<b>Contractors bidding ONLY on the Hand-Held System enter N/A for Item 1 &amp; 2</b>											
1	Vehicle Kit (see section A2.7.3)	300	Each	\$	\$	\$	\$	\$	\$	\$	\$
2	Option to purchase additional Vehicle-Mounted Base Unit	40	Each	\$	\$	\$	\$	\$	\$	\$	\$
<b>Contractors bidding ONLY on the Vehicle-Mounted System enter N/A for Items 3 - 15</b>											
3	Hand-Held General Use Kit (see section A3.8.3)	315	Each	\$	\$	\$	\$	\$	\$	\$	\$

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14	Option to purchase additional Neutron Probe + Cable/Connectors	3	Each	\$	\$	\$	\$	\$	\$	\$	\$	\$
15	Option to purchase additional Telescoping Handle	100	Each	\$	\$	\$	\$	\$	\$	\$	\$	\$
All Contractors must complete line item 16 (ILS items)												
16	Option to purchase additional Operator Training	5	Each	\$	\$	\$	\$	\$	\$	\$	\$	\$
If bidding on BOTH Vehicle-Mounted and Hand-Held Systems ensure all line items are complete.												
Evaluated Price:											Sum of Items in this list	

\*Discounts for bulk orders will be considered an asset. Quantities listed are estimates for the duration of the contract.

\*\*The Extended Price is calculated by multiplying the unit price for each year by the number of optional units in that year and summing the resulting products over the seven years.

**Delivery Schedule:** Optional items should be received within 50 days of being ordered.

**Table 4: Total Aggregated Bid Price – calculated separately for the Vehicle-Mounted System and for the Hand-Held Systems (ILS items are counted only once):**

Item	Description	Evaluated Price
1	Table 1: Functional Evaluation	As per Evaluated Price from Table 1
2	Table 2: Firm Delivery Requirement During the Contract Period	As per Evaluated Price from Table 2
3	Table 3: Optional Requirements	As per Evaluated Price from Table 3
4	Total Aggregated Bid Price	Sum of Tables 1 - 3

Solicitation No. - N° de l'invitation  
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pv961  
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**B7.** On the RFP cover page, delete the Solicitation closing date and replace with the following:

Solicitation Closes - L'invitation prend fin  
at – à 02:00 PM  
on – le 2022-03-21

**ALL OTHER TERMS AND CONDITIONS OF THE REQUEST FOR PROPOSAL REMAIN  
UNCHANGE**

Solicitation No. - N° de l'invitation  
W8486-228166/A  
Client Ref. No. - N° de réf. du client

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