

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À :**

Attn : Jeffrey McAuley, DLP 8-2-3

Jeffrey.McAuley@forces.gc.ca

Tel : 343-572-8704

Proposal To: National Defence 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 and services listed herein on any attached sheets at the price(s) set out therefore.

Proposition à : Défense nationale 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 et services énumérés ici et sur toute feuille ci-annexée, au(x) prix indiqué(s).

Solicitation Closes – L’invitation prend fin

At – à : 1400EST

On – le :

Title/Titre: Alpha Beta Contamination Meter	Solicitation No. - N° de l’invitation W6399-22-LH82/001/SF
Date of Solicitation - Date de l’invitation	
Address enquiries to: - Adresser toute demande de renseignements à : Department of National Defence	
Attention: Jeffrey McAuley, DLP 8-2-3	
Destination See herein	

Instructions:
Municipal taxes are not applicable. Unless otherwise specified herein all prices quoted must include all applicable Canadian customs duties, GST/HST, excise taxes and are to be delivered Delivery Duty Paid including all delivery charges to destination(s) as indicated. The amount of the Goods and Services Tax/Harmonized Sales Tax is to be shown as a separate item.

Instructions: Les taxes municipals ne s’appliquent pas. Sauf indication contraire, les prix indiqués doivent comprendre les droits de douane canadiens, la TPS/TVH et la taxe d’accise. Les biens doivent être livrés « rendu droits acquittés », tous frais de livraison compris, à la ou aux destinations indiquées. Le montant de la taxe sur les produits et services/taxe de vente harmonisée doit être indiqué séparément.

Delivery required – Livraison exigée	Delivery offered – Livraison propose
Vendor Name and Address – Raison sociale et adresse de fournisseur	
Name and title of person authorised to sign on behalf of vendor (type or print) – Nom et titre de la personne autorisée à signer au nom du fournisseur (caractère d’imprimerie)	
Name/Nom _____	Title/Titre _____
Signature _____	Date _____

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PART 1 - GENERAL INFORMATION

1.1 Security Requirements

There is no security requirement associated with the solicitation.

1.2 Statement of Work

The Work to be performed is detailed under Annex A.

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 in person.

1.4 Trade Agreements

The requirement is subject to the provisions of the Canadian Free Trade Agreement (CFTA).

1.5 COVID-19 Vaccine Requirement

This requirement is subject to the COVID-19 Vaccination Policy for Supplier Personnel. Failure to complete and provide the COVID-19 Vaccination Requirement Certification as part of the bid will render the bid non-responsive.

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>) 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](#) (2020-05-28) Standard Instructions – Goods and Services – Competitive Requirements, are incorporated by reference into and form part of the bid solicitation, with the following modifications:

- a) Section 02, Procurement Business Number is deleted in its entirety.
- b) Section 20(2), Further Information is deleted in its entirety.
- c) Subsection 2.d. of Section 05, Submission of Bids, is deleted in its entirety and replaced with the following:

Send its bid only to the address specified in the bid solicitation.

- d) Section 06, Late Bids, Is deleted in its entirety;
- e) The text under Section 07, Delayed Bids, is deleted in its entirety and replaced with the following:

It is the Bidder's responsibility to ensure that the Contracting Authority has received the entire submission. Misrouting or other electronic delivery issues resulting in late submission of bids will not be accepted.

- f) Subsection 1 of Section 08, Transmission by Facsimile and epost connect is deleted in its entirety.

Subsection 5.4 of [2003](#), Standard Instructions - Goods or Services –Competitive Requirements, is amended as follows:

Delete: 60 days
Insert: 120 days

2.2 Electronic Submission of Bids

- a) Bids must be submitted only to the Department of National Defence by the date, time and place indicated on page 1 of the bid solicitation. Bids must be received electronically as noted in subparagraph b).
- b) **Electronic Submissions: Individual e-mails exceeding five (5) megabytes, or that includes other factors such as embedded macros and/or links, may be rejected by the DND e-mail system and/or firewall(s) without notice to the Bidder or Contracting Authority.** Larger bids may be submitted through more than one e-mail. The Contracting Authority will confirm receipt of documents. It is the Bidder's responsibility to ensure that the Contracting Authority has received the entire submission. Bidders should not assume that all documents have been received unless the

Contracting Authority confirms receipt of each document. In order to minimize the potential for technical issues, Bidders are requested to allow sufficient time before the closing time and date to confirm receipt. Technical and financial documents received after the closing time and date will not be accepted.

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

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.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

Canada requests that Bidders provide their bid in separately bound sections as follows:

Section I: Technical Bid (1 Electronic copy)

Section II: Financial Bid (1 Electronic copy)

Section III: Certifications (1 Electronic copy)

Section IV: Additional Information (1 Electronic copy)

If there is a discrepancy between the wording of the soft copy and the hard copy, the wording of the hard copy will have priority over the wording of the soft copy.

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

Bidders may use Annex "C" to indicate their prices. If Bidders choose to use Annex "C" to indicate their prices, Bidders must include Annex "C" in their financial bid.

Canada requests that Bidders follow the format instructions described below in the preparation of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) format;
- (b) use a numbering system that corresponds to the bid solicitation.

Section I: Technical Bid

In their technical bid, Bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Section II: Financial Bid

Bidders must submit their financial bid as follows:

Bidders must submit firm prices, delivered Delivery Duty Paid (DDP) at **Petawawa, ON** Incoterms 2010 as indicated in Annex "C" Pricing Schedule, Applicable Taxes excluded. The total amount of Applicable Taxes must be shown separately, and;

Bidders must submit firm prices, Free Carrier (FCA) at **Contractor's Facility** Incoterms 2010 as indicated in Annex "C" Pricing Schedule, Applicable Taxes excluded. The total amount of Applicable Taxes must be shown separately.

Unless the bid solicitation specifically requires bids to be submitted in Canadian currency, bids submitted in foreign currency will be converted to Canadian currency for evaluation purposes. The rate given by the Bank of Canada in effect on the bid solicitation closing date, or on another date specified in the bid solicitation, will be applied as a conversion factor to the bids submitted in foreign currency.

3.1.1 Electronic Payment of Invoices – Bid

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete APPENDIX 1 to PART 3 Electronic Payment Instruments, to identify which ones are accepted.

If APPENDIX 1 to PART 3 Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

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

3.1.2 Exchange Rate Fluctuation

C3011T (2013-11-06), Exchange Rate Fluctuation

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 Evaluation Procedures

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Criteria

The technical evaluation will be carried out as per APPENDIX 1 TO PART 4 PROPOSAL REQUIREMENTS AND EVALUATION PLAN.

- (a) A completed Table 1 – Compliance Matrix; and
- (b) Proof of Compliance as specified in Table 1 – Compliance Matrix. The following are types of Proof of Compliance required of the Bidder:
 1. **Written Confirmation:** a written statement from the Bidder;
 2. **Description of Evidence:** the Bidder must indicate the performance of the proposed system and must provide a description of how the evaluation criteria is met, supported with evidence in the form of relevant extracts from product specifications, manuals, pictures, screen shots, sample data outputs, certificates, test reports or other such supporting documentation. This must be accompanied by an explanation that confirms full compliance with the criterion.
 3. **Results of Performance Tests:** the Bidder must provide a laboratory analysis of the product offered, showing complete test results, or a summary of the complete test results, that confirms that the product fully complies with the criterion.
 4. **Certificate of Compliance:** The Bidder must provide an existing, previously completed, detailed and approved qualification tests, including procedures and results, for products or components of products determined to be MOTS or COTS, to provide evidence of full compliance with the criterion. The reports must have originated from accepted formal tests conducted for an external client, as part of qualification tests or acceptance tests, from internal qualification or acceptance testing following established company procedures, or from independent third-party testing. The Bidder must demonstrate that any test reports provided with its bid are on a product with an identical fit, form, and function as the delivered product. Use of the proposed test report for verification is subject to approval by the TA.

Failure to submit the required Table and Proof of Compliance within the specified time frame will result in the bid being declared non-responsive

4.1.2 Financial Evaluation

The price of the bid will be evaluated in Canadian dollars, Delivered Duty Paid (DDP) at **Petawawa, ON** Incoterms 2010, Canadian customs duties and excise taxes included, Applicable Taxes excluded.

Canada reserves the right to award the Contract either FCA (**Contractor's shipping point**) or DDP (**Petawawa, ON.**)

4.2 Basis of Selection

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

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

Bidders must provide the required certifications and additional information to be awarded a contract.

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare a bid non-responsive, or will declare a contractor in default if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority will render the bid non-responsive or constitute a default under the Contract.

5.1 Certifications Required with the Bid

Bidders must submit the following duly completed certifications as part of their bid.

5.1.1 Integrity Provisions - Declaration of Convicted Offences

In accordance with the Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, **if applicable**, the 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 provided 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.

Canada will also have the right to terminate the Contract for default if the Contractor, or any member of the Contractor if the Contractor is a Joint Venture, appears on the list of "[FCP Limited Eligibility Bidders](#)" during the term of the Contract.

The Bidder must provide the Contracting Authority with a completed annex 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.

5.3 COVID-19 Vaccination Requirement Certification

In accordance with the COVID-19 Vaccination Policy for Supplier Personnel, all Bidders must provide with their bid, the COVID-19 Vaccination Requirement Certification attached to this bid solicitation, to be given further consideration in this procurement process. This Certification incorporated into the bid solicitation on its closing date is incorporated into, and forms a binding part of any resulting Contract

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 Security Requirements

There is no security requirement applicable to the Contract.

6.2 Statement of Work

The Work to be performed is detailed under Annex A.

6.3 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.

6.3.1 General Conditions

[2010A](#) (2021-12-02), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

a. Definition of Minister is modified as follows:

"Canada", "Crown", "Her Majesty" or "the Government" means Her Majesty the Queen in right of Canada as represented by the Minister of National Defence and any other person duly authorized to act on behalf of that minister or, if applicable, an appropriate minister to whom the Minister of National Defence has delegated his or her powers, duties or functions and any other person duly authorized to act on behalf of that minister.

[2010C](#) (2021-12-02), General Conditions - Services (Medium Complexity), apply to and form part of the Contract, with the following modifications:

a. Definition of Minister is modified as follows:

"Canada", "Crown", "Her Majesty" or "the Government" means Her Majesty the Queen in right of Canada as represented by the Minister of National Defence and any other person duly authorized to act on behalf of that minister or, if applicable, an appropriate minister to whom the Minister of National Defence has delegated his or her powers, duties or functions and any other person duly authorized to act on behalf of that minister.

6.3.2 Supplemental General Conditions

4013 (2021-11-15) Compliance with on-site measures, standing orders, policies, and rules
4014 (2021-11-15) Suspension of the work

6.4 Term of Contract

6.4.1 Period of the Contract

The period of the Contract is from date of Contract Award to 60 months following Contract Award, inclusive.

6.4.2 Delivery Date

All the Goods deliverables must be received within 10 weeks following Contract Award Date.

6.4.3 Option to Extend the Contract

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both described at Appendix 1 to 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 within 12 to 60 months after contract award by sending a written notice to the Contractor.

6.5 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.

6.5.1 Task Authorization Process

The Contractor must provide the Work in accordance with this Statement of Work on an "as and when required" basis. Work authorized up to and including the Contract expiry date must be performed in accordance with the terms and conditions of the Contract. The Task Authorization process is as follows:

- (a) The Contractor must conduct the receipt inspection and provide the work estimate to the Contracting Authority that details the following:
 - a. Identification plate information (Manufacturer #, Serial #, Year/Month/Date of Manufacture);
 - b. Condition report of all systems and components;
 - c. A list of repairs required to bring the AB Contamination Meter or component to the baseline configuration and condition including labour costs;
 - d. A list of materials required with an itemized replacement cost;
 - e. An estimated time to complete repairs (including performance testing);
 - f. A list of inspections, tests and trial to be performed including a schedule; and
 - g. Total cost;
- (b) The Contractor will be authorized to proceed with the Work by the issuance of a Task Authorization (DND 626). Each Task Authorization will be signed by the Technical Authority to approve the scope of Work, and the Procurement Authority to authorize the Work;
- (c) The Contractor must provide, within five (5) working days after receipt of the signed DND 626, acknowledgment of receipt of the task and acceptance of the terms. Upon acceptance of the terms of the task, the Contractor must complete the task within the time frame and price stated;
- (d) Upon completion of each task, the Contractor must submit a Completion Certificate to the Technical Authority identified in the DND 626. The Certificate must include the following information:
 - i. Completion date;
 - ii. Reasons for any delay;

- iii. Recommendations for future improvements; and
 - iv. Lessons learned;
- (e) The Technical Authority identified on the DND 626 will approve or reject the work performed, with rationale in writing, within fifteen (15) working days after receipt of the Completion Certificate and related reports.

6.5.2 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.

6.5.3 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 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 5 calendar days after the end of the reporting period.

Reporting Requirement- Details

A detailed and current record of all authorized tasks must be kept for each contract with a task authorization process. This record must contain:

For each authorized task:

1. the authorized task number or task revision number(s);
2. a title or a brief description of each authorized task;
3. the total estimated cost specified in the authorized Task Authorization (TA) of each task, exclusive of Applicable Taxes;
4. the total amount, exclusive of Applicable Taxes, expended to date against each authorized task;
5. the start and completion date for each authorized task; and
6. the active status of each authorized task, as applicable.

For all authorized tasks:

7. the amount (exclusive of Applicable Taxes) specified in the contract (as last amended, as applicable) as Canada's total liability to the contractor for all authorized TAs; and
8. the total amount, exclusive of Applicable Taxes, expended to date against all authorized TAs.

6.5.4 Task Authorization - Department of National Defence

The administration of the Task Authorization process will be carried out by Technical Authority. This process includes monitoring, controlling and reporting on expenditures of the contract with task authorizations to the Contracting Authority.

6.6 Shipping Instructions

6.6.1 FCA Option

Delivery will be FCA Free Carrier at **Contractor's Facility** 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

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 Coordination Center (ILCC):

Telephone: 1-877-447-7701 (toll free)

Facsimile: 1-877-877-7409 (toll free)

E-mail: ILHQOttawa@forces.gc.ca

Note: To ensure you receive a reply on any contracting information such as Incoterms etc, always include the e-mail address: ILHQcontract-ILHQcontrat@forces.gc.ca in carbon copy (cc).

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. 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 safety data sheet.

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.

The Contractor must not ship goods before receiving shipping instructions from the DND Inbound Logistics contact.

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.

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.

6.6.2 DDP Option

Goods must be consigned and delivered to the destination specified in the contract:

Incoterms 2000 "DDP Delivered Duty Paid" **Petawawa, ON.**

6.7 Authorities

6.7.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Jeffrey McAuley
Title: Senior Procurement Officer
Department of National Defence
Address: 1600 Startop Rd,
Ottawa ON,
K1A 0K2

Telephone: (343) 572-8704
E-mail address: Jeffrey.McAuley@forces.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.

6.7.2 Technical Authority

The Technical Authority for the Contract is:

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone: ____-____-_____
Facsimile: ____-____-_____
E-mail address: _____

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.

6.7.3 Contractor's Representative

The Contractor's Representative for the Contract is:

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone: _____
Facsimile: _____
E-mail address: _____

6.8 Payment

6.8.1 Basis of Payment for all Work except Product Support

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract with the exception of product support, the Contractor will be paid firm prices and/or firm unit prices in accordance with the Pricing Schedule at Annex "C", FCA Free Carrier **Contractor's Facility**, Incoterms 2010. Canadian customs duties and Applicable Taxes are extra to the Contract Price and payable by Canada. **OR DDP Petawawa, Ontario** Incoterms 2010, Customs Duties included and Applicable Taxes are extra.

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."

6.8.2 Basis of Payment for Product Support using Task Authorizations

In consideration of the Contractor satisfactorily completing all of its obligations for product support as described in the authorized Task Authorization (TA), the Contractor will be paid the firm price as specified in the Task Authorization, FCA Free Carrier **Contractor's Facility** Incoterms 2010. Canadian customs duties and Applicable Taxes are extra to the Contract Price and payable by Canada. **OR DDP Petawawa, Ontario** Incoterms 2010, Customs Duties included and Applicable Taxes are extra. The firm price will be based on the firm hourly rates and firm unit prices noted in the Pricing Schedule – Annex C.

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

6.8.3 Method of Payment

SACC Manual clause [H1001C](#) (2008-05-12) Multiple Payments

6.8.4 SACC Manual Clauses

[B7500C](#) (2006-06-16) Excess Goods
[C2000C](#) (2007-11-30) Taxes - Foreign-based Contractor
[C0711C](#) (2008-05-12) Time Verification
[C2608C](#) (2020-07-01) Canadian Customs Documentation

6.9 Electronic Payment of Invoices – Contract

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

- a. Visa Acquisition Card;
- b. MasterCard Acquisition Card;

- c. Direct Deposit (Domestic and International);
- d. Electronic Data Interchange (EDI);
- e. Wire Transfer (International Only);
- f. Large Value Transfer System (LVTS) (Over \$25M)

6.10 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:
 - a. The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.

6.11 Certifications

6.11.1 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.

6.11.2 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.

6.12 Applicable Laws

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

6.13 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 General Conditions [2010A](#) (2021-12-02) and General Conditions [2010C](#) (2021-12-02);
- (c) Annex A, Statement of Work, including its Appendices;
- (d) Annex B Performance and Technical Specifications;
- (e) Annex C Pricing Schedule;
- (f) Annex D DND 626 Task Authorization Form; and
- (g) the Contractor's bid dated _____

6.14 Defence Contract

SACC Manual clause [A9006C](#) (2012-07-16) Defence Contract

6.15 Foreign Nationals (Canadian Contractor OR Foreign Contractor)

SACC Manual clause [A2000C](#) (2006-06-16) Foreign Nationals (Canadian Contractor) OR
SACC Manual clause [A2001C](#) (2006-06-16) Foreign Nationals (Foreign Contractor)

6.16 Packaging Requirement

The Contractor must prepare items 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.

The Contractor must package item number(s) 1 in quantities of 1 by package.

SACC Manual clause [D3015C](#) (2014-09-25), Dangerous Goods / Hazardous Products

SACC Manual clause [D2000C](#) (2007-11-30), Markings

SACC Manual clause [D2001C](#) (2007-11-30), Labelling

SACC Manual clause [D2025C](#) (2017-08-17), Wood Packing Materials

SACC Manual clause [D2015C](#) (2010-01-11), Expiration Date of Shelf Life

6.17 Quality Assurance

SACC Manual clause [D5545C](#) (2019-05-30), ISO 9001:2008 – Quality Management Systems Requirement (Quality Assurance Code C)

**ANNEX A STATEMENT OF WORK
FOR THE
ALPHA BETA CONTAMINATION METER**

1.0 SCOPE

1.1 Purpose

The purpose of this statement of work is to describe the scope and requirements that apply to the provision of Alpha Beta Contamination Meters to the Department of National Defence (DND).

1.2 Background

DND has a requirement for handheld Alpha Beta (AB) Contamination Meters to support deployed operations and training. This equipment will be used as a stand-alone capability allowing for a rapid detection of the presence of alpha and beta radiological contaminants on individuals and surfaces.

1.3 Applicable Documents

The following document forms part of this statement of work to the extent specified herein and are supportive of this statement of work when referenced; any other documents are to be considered supplemental information only. In the event of a conflict between the document and the contents of this statement of work, then the contents of this statement of work shall take precedence.

- MIL-HDBK-61A - Configuration Management Guidance (copy available upon request)

1.4 Acronyms

DND	Department of National Defence
MRSPL	Manufacturer's Recommended Spare Parts List
NATO	North Atlantic Treaty Organization
NSN	NATO Stock Number
PA	Procurement Authority
TA	Technical Authority

2.0 **DELIVERABLES**

The Contractor must deliver the following:

- (a) Quantity twenty (20) AB Contamination Meters in accordance with the Operational Performance and Technical Requirements at Annex B including the following accessories with each:
 - i. Spare batteries (2 sets);
 - ii. Quantity 10 (ten) replacement Mylar windows;
 - iii. Headphones for audible alarms; and
 - iv. Rigid carrying case for the Alpha Beta Probe, Base Meter, Quick-Connect Cable and all accessories;
- (b) Manuals in accordance with Section 0;
- (c) Training in accordance with Section 0;
- (d) A Manufacturer's Recommended Spare Parts List (MRSPL) that includes the following information for each item:

- i. Item Name;
- ii. Manufacturer's part number;
- iii. NSN (where available);
- iv. Proposed quantity; and
- v. Unit price; and

(e) In-service support in accordance with Section 3.2.

Optional procurements are given in 0 to Annex A.

2.1 Contract Kick-Off Meeting

The Contractor must hold a contract kickoff meeting at its production facility or by teleconference, as arranged with the DND Procurement Authority (PA), within six (6) weeks of Contract Award. This meeting will be used to introduce the DND project team and to discuss production timelines and delivery options and locations. DND will be responsible for all travel and associated costs for DND personnel attending the meeting. The agenda will be jointly developed by DND and the Contractor. The Contractor must produce meeting minutes and an action item list within five (5) days of completion of the meeting.

2.2 Manuals

The Contractor must provide the manuals, in English, to DND as follows:

- (a) One (1) electronic copy (MS Word or PDF format) to the DND Technical Authority (TA) and one (1) hard copy of the Operators Manual with each device to include the following (as a minimum):
 - i. Image capture, review and manipulation;
 - ii. User preventive maintenance procedures;
 - iii. Cleaning and routine maintenance including troubleshooting, safety instructions and warnings;
 - iv. Charging; and
 - v. Storage and transportation;
- (b) One (1) electronic copy (MS Word or PDF format) to the DND TA and one (1) hard copy of the Maintenance/Repair Manual with each device that includes all first and second line maintenance and repair of the AB Contamination Meter including illustrated parts lists in a top-down breakdown format with the following for each item:
 - i. Parts descriptions;
 - ii. Manufacturer's part numbers;
 - iii. Source of supply; and
 - iv. NATO Stock Number (NSN) if available;
- (c) One (1) electronic copy (MS Word or PDF format) of the equipment calibration procedure to the DND TA.

Note: The Operator Manual, Maintenance Manual and equipment calibration procedure may be delivered as separate documents or as one combined document.

2.3 Training

The Contractor must provide AB Contamination Meter training, in English, at the DND delivery location or an alternate location on dates to be arranged with the DND TA (Technical Authority) as follows:

- (a) A one (1) day, eight (8) hour maximum, training serial for up to ten (10) DND personnel that covers the following (as a minimum):

- i. A physical and functional description of the AB Contamination Meter and all incorporated equipment and components;
 - ii. Usage instructions (start-up, confidence check, etc.) including hands-on operation;
 - iii. Instructions on care, cleaning and routine maintenance;
 - iv. Safety warnings and instructions;
 - v. Troubleshooting procedures to include DND permitted maintenance and repair actions; and
 - vi. Storage instructions;
- (b) For each course, each candidate must be provided with a copy of the respective system training course and manuals (as required) in both hard copy and in electronic format (MS Word, MS PowerPoint or PDF); and,
- (c) DND will make available the delivered system(s), which will be used for the hands-on training.

3.0 REQUIREMENTS

3.1 Configuration Control

The Contractor must have an established, DND verifiable, Configuration Management Program with control systems in place in accordance with MIL-HDBK-61A, and must provide configuration identification, control and status accounting of all new and/or modified hardware, firmware, software and documentation. All AB Contamination Meters delivered must have the same product baseline and support interchangeability/interoperability of parts. The established product baselines must be maintained during repair and any deviation from the baseline must be approved in advance by the DND TA.

3.2 In-Service Support

The Contractor must provide in-service support as follows:

- (a) The Contractor must provide equipment calibration services for the AB Contamination Meters in accordance with the Original Equipment Manufacturer's procedures.
- (b) Additional Work Request (AWR) services including:
 - i. Non-warranty repair;
 - ii. Software modifications; and
 - iii. Hardware modifications;
- (c) Technical support in accordance with Section 3.4.

3.3 Turn-Around Time

For all repairs, the targeted turn-around time is thirty (30) calendar days after receipt of the DND Procurement Authority approval. Where this target cannot be met, the Contractor must immediately notify the DND PA of the delay and of any extenuating circumstances that would cause significant impediment to timely completion of the repair.

3.4 Technical Support

The Contractor must provide technical support by phone/email during regular business hours during the ISS period. All requests for technical support must be responded to within 24 hours. This initial response (within 24 hours) must acknowledge and log the DND request and conduct a preliminary scan of the reported problem. The actual rectification of the problem will be arranged between the DND representative and the Contractor.

APPENDIX 1 TO ANNEX A OPTIONAL PROCUREMENTS

DND is under no obligation to purchase any additional AB Contamination Meters. Should DND decide to exercise options within sixty (60) months of Contract Award; the Contractor must deliver the following (multiple options may be exercised):

- (a) Up to quantity twenty (20) AB Contamination Meters in accordance with the Operational Performance and Technical Requirements at Annex B;
- (b) Spares from the MRSPL provided at Section 2.0(c);
- (c) Additional Training Serials in accordance with Section 0; and
- (d) Five (5) additional one (1) year periods of in-service support in accordance with Section 3.2.

ANNEX B PERFORMANCE AND TECHNICAL SPECIFICATIONS FOR THE ALPHA BETA CONTAMINATION METER

1.0 GENERAL

1.1 Scope

This specification defines the operational performance and technical requirements for the AB Contamination Meter and its associated equipment. All requirements are mandatory.

1.2 Applicable Documents

The following documents form part of this specification to the extent specified, and are supportive of this specification when referenced; all other document references are to be considered supplemental information only. In the event of a conflict between the documents referenced and the contents of this specification, then the contents of this specification must take precedence.

- FED-STD-595C (January 2008) - Colors Used in Government Procurement (www.everyspec.com)
- DRDC-RDDC Report 2015-R186 2012 Canadian Forces Anthropometric Survey (Available upon request)
- MIL-STD-810G - Department of Defense Test Method Standard Environmental Engineering Considerations and Laboratory Tests (www.everyspec.com)
- ANSI/IEC 60529:2013 - Degrees of Protection Provided by Enclosures (IP Codes) (www.ansi.org)
- IEEE/ANSI N42.17A - American National Standard Performance Specifications for Health Physics Instrumentation—Portable Instrumentation for Use in Normal Environmental Conditions (www.ansi.org)
- IEEE/ANSI N323AB-2013 - American National Standard for Radiation Protection Instrumentation Test and Calibration, Portable Survey Instruments (www.ansi.org)
- SOR 2015/145 Packaging and Transport of Nuclear Substances Regulations (laws-lois.justice.gc.ca)
- MIL-STD-130N Change 1 - Identification Marking of US Military Property (everyspec.com)

1.3 Acronyms

AB	Alpha Beta
CBRN	Chemical, Biological, Radiological and Nuclear
CPS	Counts per Second
RF	Radio Frequency
SI	International System of Units (metric)

1.4 Definitions

5th Percentile Female Defined as 153.9 cm (5 ft 6 in) tall and weighing 52 kg (114.4 lb) in accordance with DRDC-RDDC-2015-R186 2012.

95th Percentile Male Defined as 188.2 cm (6 ft 2 in) tall and weighing 115.8 kg (255 lb) in accordance with DRDC-RDDC-2015-R186 2012.

Earth Tone By definition, earth tone is considered a color scheme that draws from a color palette of browns, tans, grays, greens, oranges, whites and some reds. The colors in an earth tone scheme are muted and flat in an emulation of the natural colors found in soils, moss, trees and rocks. For the purpose of this specification, the earth tone color (where specified) must be based on the predominantly brown, tan and gray color series (lusterless) within FED STD-595C, where those colors do not include any elements of orange, red and white.

2.0 REQUIREMENTS

2.1 Expertise and Proven Design

The Bidder must be an established manufacturer of handheld alpha beta contamination detection equipment that has significant experience in sales to first responders and military forces as follows:

- (a) Manufacturer Qualifications - The Bidder must be an established radiation instrumentation manufacturer (or authorized distributor) that has been in the business of developing, manufacturing and/or selling radiation instrumentation for a minimum of five (5) years; and
- (b) Sales – The AB Contamination Meter must be a commercial-off-the-shelf (COTS) product that is currently in production and in use by an American, British, Canadian or Australian (ABCA) military force or North American Civilian First Responder organization. In order to demonstrate this, the Bidder must have sold a minimum of fifty (50) of the AB Contamination Meters being offered to an ABCA military force or North American Civilian First Responder organization in the last five (5) years.

2.2 Operational Requirements

The AB Contamination Meter must:

- (a) Be a light-weight, portable system that can be carried and operated by a trained 5th percentile female to 95th percentile male consisting of the following:
 - i. Base Meter;
 - ii. Alpha Beta Probe; and
 - iii. Quick-Connect Cable;
- (b) Provide indication of alpha and beta contamination as follows:
 - i. Audible and visual alarms; and
 - ii. Operator-selectable operating modes as follows:
 - a. Count rate (in cps) for alpha only, beta only, and alpha + beta; and
 - b. Surface contamination (in Bq/cm²) for alpha only, beta only, and alpha + beta;
- (c) Utilize autonomous power as follows:

- i. Not require external power;
 - ii. Utilize commercially available batteries (e.g., AA, AAA, CR23, etc.); and
 - iii. Operate for no less than twelve (12) hours at 20°C (±1°C) on a single set of batteries;
- (d) Have a size and weight as follows:
- i. Permits the probe and base meter each to be held in one hand; and
 - ii. Have a weight of no more than 1.5 kg (3.3 lbs) (probe, base meter, interconnecting cable and a full set of batteries only, no accessories (i.e., straps, pouches, carrying case, etc.);
- (e) Operate within the following environmental conditions:
- i. Ambient Air Temperature: -20°C to +49°C; and
 - ii. Ambient Relative Humidity: 40% to 93% at 35°C;
- (f) Have an ingress protection (IP) in accordance with ANSI/IEC 60529:2013 of no less than the following:
- i. Base Meter: IP 65 (Dust tight and resistant to water jet impingement); and
 - ii. Alpha Beta Probe: IP 20 (Resistant to small objects such as fingers or similar sized particles);
- (g) Not use any wireless transmission, or have all wireless transmission capabilities disabled including Bluetooth, RF, WIFI, GSP, etc.);
- (h) Function normally following a 1.0 m (3.3 ft) drop on to a hard surface;
- (i) Be resistant to periodic exposure to the following:
- i. Oils and lubricants;
 - ii. Commonly used cleaning detergents; and
 - iii. Mould, mildew, fungus, rot, and ultraviolet radiation; and
- (j) Have outer surfaces in a lusterless non-florescent earth tone color (i.e., grey, tan, brown, etc.) or black.

2.3 Technical Requirements

2.3.1 Base Meter

The Base Meter must:

- (a) Utilize lights and/or a flashing display to indicate radiation contamination that can be disabled by the operator;
- (b) Have audible alarms as follows:
 - i. Distinct tones and/or patterns to indicate the radiation contamination by type as follows:
 - ii. Alpha only;
 - iii. Beta only; and

- iv. Alpha and Beta;
 - v. Varying intensity (e.g., volume) to indicate level of contamination; and
 - iii. Include operator-selectable mute and volume controls;
- (c) Display numerical contamination readings as follows:
- i. Utilize SI units (e.g., Bq/cm²) where applicable: and
 - ii. Readable under the following conditions:
 - iii. Full daylight;
 - iv. Nighttime (backlight); and
 - v. While wearing night vision goggles;
- (d) Have an operator interface as follows:
- i. Menu-based interface allowing the operator to set operation mode, configure the alarm settings and adjust the display settings;
 - ii. Utilize push buttons or other means to permit the operator to manipulate the interface while using CBRN protective gloves as follows:
 - iii. Menu navigation;
 - iv. Changes of configurations and settings, including alarm thresholds;
 - v. Alarm acknowledgement; and
 - vi. Instrument power on/off;
- (e) Include a belt clip, strap, pouch or other means to allow for hands-free carry and operation.
- (f) Allow connection and disconnection without powering off (hot swappable), when used in conjunction with a probe.

2.3.2 Alpha Beta Probe

The Alpha Beta Probe must:

- (a) Meet the minimum performance requirements for health physics instrumentation for use in ionizing radiation fields in accordance with IEEE/ANSI N42.17A;
- (b) Utilize a scintillator detector with a surface area of 100-150 cm² (39.4-59.0 in²) and a protective grid or other feature (e.g., protective coating) to protect the Mylar window (if applicable);
- (c) Have radiation detection efficiencies in a 2 π geometry (i.e., point source over a flat surface) as follows:
 - i. Alpha as follows:
 - a. Am-241: $\geq 25\%$; and/or
 - b. Pu-239: $\geq 25\%$;
 - ii. Beta as follows:
 - a. Co-60: $\geq 20\%$; and/or
 - b. Sr/Y-90: $\geq 30\%$; and/or
 - c. Cl-36: $\geq 30\%$;

- (d) Have intrinsic Alpha-Beta crosstalk detection as follows:
 - i. Alpha to Beta: < 10%; and
 - ii. Beta to Alpha: < 1%;
- (e) Include a strap, pouch or other means to allow for hands-free carry while not in use; and
- (f) Allow connection and disconnection without powering off (hot swappable), when used in conjunction with a base meter.

2.3.3 Quick-Connect Cable

The quick-connect cable must:

- (a) Be of sufficient length for two-handed operation (i.e., probe in one hand, base meter in the other); and
- (b) Allow for connection and disconnection from the Base Meter and the AB Probe in the field without the use of tools.

2.3.4 Calibration

The Alpha Beta Probe and Base Meter must:

- (a) Meet the calibration requirements for alpha, beta surface contamination for portable survey instruments in accordance with IEEE/ANSI N323AB-2013; and
- (b) Include a check source or other means to permit the operator to perform a confidence verification before use that is below the exemption value and can be transported without special provisions in accordance with the Canadian Packaging and Transport of Nuclear Substances Regulations.

2.3.5 External Markings

The Alpha Beta Probe and Base Meter must have external markings as follows:

- (a) Include labels containing the following information:
 - i. Manufacturer;
 - ii. Item Name;
 - iii. Part Number;
 - iv. Unique Serial Number; and
 - v. Matrix type barcode containing unique identification number in accordance with MIL-STD-130N Change 1 (if available);
- (b) Instrument calibration labelling in accordance with IEEE/ANSI N323AB-2013 or equivalent; and
- (c) Functional designation labels for controls, switches and adjustments.

2.4 Accessories

The AB Contamination Meter must include the following accessories:

- (a) Spare batteries (2 sets);
- (b) Quantity ten (10) replacement Mylar windows;
- (c) Headphones for audible alarms; and
- (d) Rigid carrying case for the Alpha Beta Probe, Base Meter, Quick-Connect Cable and all accessories.

ANNEX C PRICING SCHEDULE

Bidders are required to provide a price for each line item indicated. If a price is left blank it will be interpreted as an offered price of \$0.00. If a price of an item is included in another item, this should be indicated by noting "Price of this item is included in item xx. (Insert item number)" If there is not an applicable Price for an item, this should be indicated as "N/A". The prices must be indicated in compliance with the Basis of Payment at para 6.8.1 and 6.8.2.

With the exception of the quantities for the initial procurement, the estimates of levels of effort and quantities for optional procurements are only estimations made in good faith and are not to be considered in any way as commitment from Canada.

Prices - Delivery Duty Paid - DDP

Table 1: Initial Requirement

Table 1:					
Initial Requirements					
Item Name	Qty / Unit	Estimated Unit Cost	Extended Cost	Applicable Taxes	Total
Alpha Beta Contamination Meters	20 EA	\$	\$	\$	\$
Spare battery Set	40 SETS	\$	\$	\$	\$
Replacement Mylar windows	200 EA	\$	\$	\$	\$
Headphones for audible alarms	20 EA	\$	\$	\$	\$
Rigid carrying case	20 EA	\$	\$	\$	\$
 					
Softcopy of Operators Manuals	20 EA	\$	\$	\$	\$
Hardcopy of Operators Manuals	20 EA	\$	\$	\$	\$
Softcopy of Maintenance/Repair Manuals	20 EA	\$	\$	\$	\$
Hardcopy of Maintenance/Repair Manuals	20 EA	\$	\$	\$	\$
Softcopy of Equipment Calibration Procedures Manual	1 EA	\$	\$	\$	\$
 					
Kick-Off Meeting	1 Meeting	\$	\$	\$	\$
Training Serial	1 Serial	\$	\$	\$	\$
Technical Support	12 Months	\$	\$	\$	\$
 					
Table 1 Subtotal:			\$		
Applicable Taxes				\$	
Table 1 Total:					\$

Table 2: In-Service Support

Table 2:					
In-Service Support Activities	Required - 0-12 MACA	Optional - 12-24 MACA	Optional - 24-36 MACA	Optional - 36-48 MACA	Optional - 48-60 MACA
Equipment Calibration (per Unit)	\$	\$	\$	\$	\$
Non-Warranty Repair Labour (per hour)	\$	\$	\$	\$	\$
Software Modifications (per Unit)	\$	\$	\$	\$	\$
Hardware Modifications (per Unit)	\$	\$	\$	\$	\$
Column Subtotals:	\$	\$	\$	\$	\$
Combined Table 2 Subtotal (0-60 MACA):					\$
Applicable Taxes:	\$	\$	\$	\$	\$
Combined Table 2 Totals Subtotal (0-60 MACA):					\$

Table 3: Optional Requirement

Table 3:						
Optional Procurements	12-24 MACA	24-36 MACA	36-48 MACA	48-60 MACA	Applicable Taxes	Total
AB Contamination Meters (up to 20 optional meters)	\$	\$	\$	\$	\$	\$
Training Serial (up to 1 per year)	\$	\$	\$	\$	\$	\$
Technical Support	\$	\$	\$	\$	\$	\$
Table 3 Subtotal:	\$	\$	\$	\$		
Applicable Taxes:					\$	
Table 3 Total:						\$

Table 4: Manufacturer's Recommended Spare Parts List (MRSPL)

Table 4:					
MRSPL - Part Number / Description	0-12 MACA	12-24 MACA	24-36 MACA	36-48 MACA	48-60 MACA
	\$	\$	\$	\$	\$

Softcopy of Maintenance/Repair Manuals	20 EA	\$	\$	\$	\$
Hardcopy of Maintenance/Repair Manuals	20 EA	\$	\$	\$	\$
Softcopy of Equipment Calibration Procedures Manual	1 EA	\$	\$	\$	\$
Kick-Off Meeting					
Kick-Off Meeting	1 Meeting	\$	\$	\$	\$
Training Serial					
Training Serial	1 Serial	\$	\$	\$	\$
Technical Support					
Technical Support	12 Months	\$	\$	\$	\$
Table 1 Subtotal:					
			\$		
Applicable Taxes					
				\$	
Table 1 Total:					
					\$

Table 2: In-Service Support

Table 2:	Required - 0-12 MACA	Optional - 12-24 MACA	Optional - 24-36 MACA	Optional - 36-48 MACA	Optional - 48-60 MACA
In-Service Support Activities					
Equipment Calibration (per Unit)	\$	\$	\$	\$	\$
Non-Warranty Repair Labour (per hour)	\$	\$	\$	\$	\$
Software Modifications (per Unit)	\$	\$	\$	\$	\$
Hardware Modifications (per Unit)	\$	\$	\$	\$	\$
Column Subtotals:					
	\$	\$	\$	\$	\$
Combined Table 2 Subtotal (0-60 MACA):					
					\$
Applicable Taxes:					
	\$	\$	\$	\$	\$
Combined Table 2 Totals Subtotal (0-60 MACA):					
					\$

Table 3: Optional Requirement

Table 3:	12-24 MACA	24-36 MACA	36-48 MACA	48-60 MACA	Applicable Taxes	Total
Optional Procurements						

ANNEX D SECURITY REQUIREMENTS CHECK LIST



Government of Canada / Gouvernement du Canada

Contract Number / Numéro du contrat	W6399-21-LH82
Security Classification / Classification de sécurité	UNCLASS

**SECURITY REQUIREMENTS CHECK LIST (SRCL)
LISTE DE VÉRIFICATION DES EXIGENCES RELATIVES À LA SÉCURITÉ (LVERS)**

PART A - CONTRACT INFORMATION / PARTIE A - INFORMATION CONTRACTUELLE			
1. Originating Government Department or Organization / Ministère ou organisme gouvernemental d'origine		2. Branch or Directorate / Direction	
DND		CANSOFCOM	
3. a) Subcontract Number / Numéro du contrat de sous-traitance		3. b) Name and Address of Subcontractor / Nom et adresse	
4. Brief Description of Work / Brève description du travail Alpha Beta Contamination Meter			
5. a) Will the supplier require access to Controlled Goods? Le fournisseur aura-t-il accès à des marchandises contrôlées?			
5. b) Will the supplier require access to unclassified military technical data subject to the provisions of the Technical Data Control Regulations? Le fournisseur aura-t-il accès à des données techniques militaires non classifiées qui sont assujetties aux dispositions du Règlement sur le contrôle des données techniques?			
6. Indicate the type of access required / Indiquer le type d'accès requis			
6. a) Will the supplier and its employees require access to PROTECTED and/or CLASSIFIED information or assets? Le fournisseur ainsi que les employés auront-ils accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS? (Specify the level of access using the chart in Question 7. c) (Préciser le niveau d'accès en utilisant le tableau qui se trouve à la question 7. c)			
6. b) Will the supplier and its employees (e.g. cleaners, maintenance personnel) require access to restricted access areas? No access to PROTECTED and/or CLASSIFIED information or assets is permitted. Le fournisseur et ses employés (p. ex. nettoyeurs, personnel d'entretien) auront-ils accès à des zones d'accès restreintes? L'accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS n'est pas autorisé.			
6. c) Is this a commercial courier or delivery requirement with no overnight storage? S'agit-il d'un contrat de messagerie ou de livraison commerciale sans entreposage de nuit?			
7. a) Indicate the type of information that the supplier will be required to access / Indiquer le type d'information auquel le fournisseur aura accès			
Canada	<input checked="" type="checkbox"/>	NATO / OTAN	<input type="checkbox"/>
			Foreign / Étranger
7. b) Release restrictions / Restrictions relatives à la diffusion			
No release restrictions Aucune restriction relative à la diffusion	<input type="checkbox"/>	All NATO countries Tous les pays de l'OTAN	<input type="checkbox"/>
Not releasable À ne pas diffuser	<input type="checkbox"/>		
Restricted to: / Limité à : Specify country(ies): / Préciser le(s) pays :	<input type="checkbox"/>	Restricted to: / Limité à : Specify country(ies): / Préciser le(s) pays :	<input type="checkbox"/>
			Restricted to: / Limité à : Specify country(ies): / Préciser le(s) pays :
7. c) Level of information / Niveau d'information			
PROTECTED A PROTÉGÉ A	<input type="checkbox"/>	NATO UNCLASSIFIED NATO NON CLASSIFIÉ	<input type="checkbox"/>
PROTECTED B PROTÉGÉ B	<input type="checkbox"/>	NATO RESTRICTED NATO DIFFUSION RESTREINTE	<input type="checkbox"/>
PROTECTED C PROTÉGÉ C	<input type="checkbox"/>	NATO CONFIDENTIAL NATO CONFIDENTIEL	<input type="checkbox"/>
CONFIDENTIAL CONFIDENTIEL	<input type="checkbox"/>	NATO SECRET NATO SECRET	<input type="checkbox"/>
SECRET	<input type="checkbox"/>	COSMIC TOP SECRET	<input type="checkbox"/>
			PROTECTED A PROTÉGÉ A
			PROTECTED B PROTÉGÉ B
			PROTECTED C PROTÉGÉ C
			CONFIDENTIAL CONFIDENTIEL
			SECRET



Government of Canada
Gouvernement du Canada

Contract Number / Numéro du

Security Classification / Classification

PART A (continued) / PARTIE A (suite)

8. Will the supplier require access to PROTECTED and/or CLASSIFIED COMSEC information or assets?
Le fournisseur aura-t-il accès à des renseignements ou à des biens COMSEC désignés PROTÉGÉS et/ou CLASSIFIÉS?
If Yes, indicate the level of sensitivity:
Dans l'affirmative, indiquer le niveau de sensibilité :

9. Will the supplier require access to extremely sensitive INFOSEC information or assets?
Le fournisseur aura-t-il accès à des renseignements ou à des biens INFOSEC de nature extrêmement délicate?

Short Title(s) of material / Titre(s) abrégé(s) du matériel :
Document Number / Numéro du document :

PART B - PERSONNEL (SUPPLIER) / PARTIE B - PERSONNEL (FOURNISSEUR)

10. a) Personnel security screening level required / Niveau de contrôle de la sécurité du personnel requis

- | | | | |
|--|---|---|---|
| <input type="checkbox"/> RELIABILITY STATUS
COTE DE FIABILITÉ | <input type="checkbox"/> CONFIDENTIAL
CONFIDENTIEL | <input type="checkbox"/> SECRET
SECRET | <input type="checkbox"/> TOP SECRET
TRÈS |
| <input type="checkbox"/> TOP SECRET - SIGINT
TRÈS SECRET - SIGINT | <input type="checkbox"/> NATO CONFIDENTIAL
NATO CONFIDENTIEL | <input type="checkbox"/> NATO SECRET
NATO SECRET | <input type="checkbox"/> COSM
COSM |
| <input type="checkbox"/> SITE ACCESS
ACCÈS AUX EMPLACEMENTS | | | |

Special comments:
Commentaires spéciaux :

NOTE: If multiple levels of screening are identified, a Security Classification Guide must be provided.
REMARQUE : Si plusieurs niveaux de contrôle de sécurité sont requis, un guide de classification de la sécurité doit

10. b) May unscreened personnel be used for portions of the work?
Du personnel sans autorisation sécuritaire peut-il se voir confier des parties du travail?
If Yes, will unscreened personnel be escorted?
Dans l'affirmative, le personnel en question sera-t-il escorté?

PART C - SAFEGUARDS (SUPPLIER) / PARTIE C - MESURES DE PROTECTION (FOURNISSEUR)

INFORMATION / ASSETS / RENSEIGNEMENTS / BIENS

11. a) Will the supplier be required to receive and store PROTECTED and/or CLASSIFIED information or assets on its site or premises?
Le fournisseur sera-t-il tenu de recevoir et d'entreposer sur place des renseignements ou des biens PROTÉGÉS et/ou CLASSIFIÉS?

11. b) Will the supplier be required to safeguard COMSEC information or assets?
Le fournisseur sera-t-il tenu de protéger des renseignements ou des biens COMSEC?

PRODUCTION

11. c) Will the production (manufacture, and/or repair and/or modification) of PROTECTED and/or CLASSIFIED material or equipment occur at the supplier's site or premises?
Les installations du fournisseur serviront-elles à la production (fabrication et/ou réparation et/ou modification) de matériel PROTÉGÉ et/ou CLASSIFIÉ?

INFORMATION TECHNOLOGY (IT) MEDIA / SUPPORT RELATIF À LA TECHNOLOGIE DE L'INFORMATION (TI)

11. d) Will the supplier be required to use its IT systems to electronically process, produce or store PROTECTED and/or CLASSIFIED



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UNCLASS	

PART C - (continued) / PARTIE C - (suite)

For users completing the form **manually** use the summary chart below to indicate the category(ies) and level(s) of safeguarding r site(s) or premises.

Les utilisateurs qui remplissent le formulaire **manuellement** doivent utiliser le tableau récapitulatif ci-dessous pour indiquer, pour niveaux de sauvegarde requis aux installations du fournisseur.

For users completing the form **online** (via the Internet), the summary chart is automatically populated by your responses to previc Dans le cas des utilisateurs qui remplissent le formulaire **en ligne** (par Internet), les réponses aux questions précédentes sont au dans le tableau récapitulatif.

SUMMARY CHART / TABLEAU RÉCAPITULATIF

Category Catégorie	PROTECTED PROTÉGÉ			CLASSIFIED CLASSIFIÉ			NATO				PROTECTED PROTÉGÉ			CONFIDENTIAL CONFIDENTIEL
	A	B	C	CONFIDENTIAL	SECRET	TOP SECRET	NATO RESTRICTED	NATO CONFIDENTIAL	NATO SECRET	COSMIC TOP SECRET	A	B	C	
				CONFIDENTIEL		TRÈS SECRET	NATO DIFFUSION RESTREINTE	NATO CONFIDENTIEL		COSMIC TRÈS SECRET				
Information / Assets Renseignements / Biens Production	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IT Media / Support TI	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IT Link / Lien électronique	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

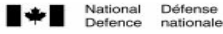
12. a) Is the description of the work contained within this SRCL PROTECTED and/or CLASSIFIED?
La description du travail visé par la présente LVERS est-elle de nature PROTÉGÉE et/ou CLASSIFIÉE?

**If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification".
Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée « Classification de sécurité » au haut et au bas du formulaire.**

12. b) Will the documentation attached to this SRCL be PROTECTED and/or CLASSIFIED?
La documentation associée à la présente LVERS sera-t-elle PROTÉGÉE et/ou CLASSIFIÉE?

**If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification" and indicate w attachments (e.g. SECRET with Attachments).
Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée « Classification de sécurité » au haut et au bas du formulaire et indiquer qu'il y a des pièces jointes (p. ex. SECRET av des pièces jointes).**

ANNEX E DND 626 TASK AUTHORIZATION FORM



TASK AUTHORIZATION AUTORISATION DES TÂCHES

All invoices/progress claims must show the reference Contract and Task numbers. Toutes les factures doivent indiquer les numéros du contrat et de la tâche.		Contract no. - N° du contrat
		Task no. - N° de la tâche
Amendment no. - N° de la modification	Increase/Decrease - Augmentation/Réduction	Previous value - Valeur précédente
To - À	TO THE CONTRACTOR You are requested to supply the following services in accordance with the terms of the above reference contract. Only services included in the contract shall be supplied against this task. Please advise the undersigned if the completion date cannot be met. Invoices/progress claims shall be prepared in accordance with the instructions set out in the contract.	
Delivery location - Expédiez à	À L'ENTREPRENEUR Vous êtes prié de fournir les services suivants en conformité des termes du contrat mentionné ci-dessus. Seuls les services mentionnés dans le contrat doivent être fournis à l'appui de cette demande.	
Delivery/Completion date - Date de livraison/d'achèvement	_____ Date for the Department of National Defence pour le ministère de la Défense nationale	
Contract item no. N° d'article du contrat	Services	Cost Prix
		GST/HST TPS/TVH
		Total
APPLICABLE ONLY TO PWGSC CONTRACTS: The Contract Authority signature is required when the total value of the DND 626 exceeds the threshold specified in the contract. NE S'APPLIQUE QU'ÀUX CONTRATS DE TPSGC : La signature de l'autorité contractante est requise lorsque la valeur totale du formulaire DND 626 est supérieure au seuil précisé dans le contrat.		
_____ for the Department of Public Works and Government Services pour le ministère des Travaux publics et services gouvernementaux		

**Instructions for completing
DND 626 - Task Authorization**

Contract no.

Enter the PWGSC contract number in full.

Task no.

Enter the sequential Task number.

Amendment no.

Enter the amendment number when the original Task is amended to change the scope or the value.

Increase/Decrease

Enter the increase or decrease total dollar amount including taxes.

Previous value

Enter the previous total dollar amount including taxes.

To

Name of the contractor.

Delivery location

Location where the work will be completed, if other than the contractor's location.

Delivery/Completion date

Completion date for the task.

for the Department of National Defence

Signature of the DND person who has delegated Authority for signing DND 626 (level of authority based on the dollar value of the task and the equivalent signing authority in the PAM 1.4). **Note:** the person signing in this block ensures that the work is within the scope of the contract, that sufficient funds remain in the contract to cover this task and that the task is affordable within the Project/Unit budget.

Services

Define the requirement briefly (attach the SOW) and identify the cost of the task using the contractor's quote on the level of effort. The Task must use the basis of payment stipulated in the contract. If there are several basis of payment then list here the one(s) that will apply to the task quote (e.g. milestone payments; per diem rates/labour category hourly rates; travel and living rates; firm price/ceiling price, etc.). All the terms and conditions of the contract apply to this Task Authorization and cannot be ignored or amended for this task. Therefore it is not necessary to restate these general contract terms and conditions on the DND 626 Task form.

Cost

The cost of the Task broken out into the individual costed items in Services.

GST/HST

The GST/HST cost as appropriate.

Total

The total cost of the task. The contractor may not exceed this amount without the approval of DND indicated on an amended DND 626. The amendment value may not exceed 50% (or the percentage for amendments established in the contract) of the original value of the task authorization. The total cost of a DND 626, including all amendments, may not exceed the funding limit identified in the contract.

Applicable only to PWGSC contracts

This block only applies to those Task Authorization contracts awarded by PWGSC. The contract will include a specified threshold for DND sole approval of the DND 626 and a percentage for DND to approve amendments to the original DND 626. Tasks that will exceed these thresholds must be passed to the PWGSC Contracting Authority for review and signature prior to authorizing the contractor to begin work.

Note:

Work on the task may not commence prior to the date this form is signed by the DA Authority - for tasks within the DND threshold; and by both DND and PWGSC for those tasks over the DND threshold.

**Instructions pour compléter le formulaire
DND 626 - Autorisation des tâches**

N° du contrat

Inscrivez le numéro du contrat de TPSGC en entier.

N° de la tâche

Inscrivez le numéro de tâche séquentiel.

N° de la modification

Inscrivez le numéro de modification lorsque la tâche originale est modifiée pour en changer la portée.

Augmentation/Réduction

Inscrivez le montant total de l'augmentation ou de la diminution, y compris les taxes.

Valeur précédente

Inscrivez le montant total précédent, y compris les taxes.

À

Nom de l'entrepreneur.

Expédiez à

Endroit où le travail sera effectué, si celui-ci diffère du lieu d'affaires de l'entrepreneur.

Date de livraison/d'achèvement

Date d'achèvement de la tâche.

pour le ministère de la Défense nationale

Signature du représentant du MDN auquel on a délégué le pouvoir d'approbation en ce qui a trait à la signature du formulaire DND 626 (niveau d'autorité basé sur la valeur de la tâche et le signataire autorisé équivalent mentionné dans le MAA 1.4). **Nota :** la personne qui signe cette attache de signature confirme que les travaux respectent la portée du contrat, que suffisamment de fonds sont prévus au contrat pour couvrir cette tâche et que le budget alloué à l'unité ou pour le projet le permet.

Services

Définissez brièvement le besoin (joignez l'ET) et établissez le coût de la tâche à l'aide de la soumission de l'entrepreneur selon le niveau de difficulté de celle-ci. Les modalités de paiement stipulées dans le contrat s'appliquent à la tâche. Si plusieurs d'entre elles sont prévues, énumérez ici celle/celles qui s'appliquera/ront à la soumission pour la tâche à accomplir (p.ex. acompte fondé sur les étapes franchies; taux quotidien ou taux horaire établi selon la catégorie de main-d'œuvre; frais de déplacement et de séjour; prix fixe ou prix plafond; etc.). Toutes les modalités du contrat s'appliquent à cette autorisation de tâche et ne peuvent être négligées ou modifiées quant à la tâche en question. Il n'est donc pas nécessaire de répéter ces modalités générales afférentes au contrat sur le formulaire DND 626.

Prix

Mentionnez le coût de la tâche en le répartissant selon les frais afférents à chaque item mentionné dans la rubrique Services.

TPS/TVH

Mentionnez le montant de la TPS/TVH, s'il y a lieu.

Total

Mentionnez le coût total de la tâche. L'entrepreneur ne peut dépasser ce montant sans l'approbation du MDN, formulaire DND 626 modifié à l'appui. Le coût de la modification ne peut pas être supérieur à 50 p. 100 du montant initial prévu dans l'autorisation de tâche (ou au pourcentage prévu dans le contrat pour les modifications). Le coût total spécifié dans le formulaire DND 626, y compris toutes les modifications, ne peut dépasser le plafond de financement mentionné dans le contrat.

Ne s'applique qu'aux contrats de TPSGC

Le présent paragraphe s'applique uniquement aux autorisations de tâche accordées par TPSGC. On inscrira dans le formulaire DND 626 un plafond précis qui ne pourra être approuvé que par le MDN et un pourcentage selon lequel le MDN pourra approuver des modifications au formulaire DND 626 original. Les tâches dont le coût dépasse ces plafonds doivent être soumises à l'autorité contractante de TPSGC pour examen et signature avant qu'on autorise l'entrepreneur à débiter les travaux.

Nota :

Les travaux ne peuvent commencer avant la date de signature de ce formulaire par le responsable du MDN, pour les tâches dont le coût est inférieur au plafond établi par le MDN, et par le MDN et TPSGC pour les tâches dont le coût dépasse le plafond établi par le MDN.

APPENDIX 1 to PART 3 OF THE BID SOLICITATION ELECTRONIC PAYMENT INSTRUMENTS

ELECTRONIC PAYMENT INSTRUMENTS

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

- VISA Acquisition Card;
- MasterCard Acquisition Card;
- Direct Deposit (Domestic and International);
- Electronic Data Interchange (EDI);
- Wire Transfer (International Only);
- Large Value Transfer System (LVTS) (Over \$25M)

APPENDIX 1 TO PART 4 PROPOSAL REQUIREMENTS AND EVALUATION PLAN FOR THE ALPHA BETA CONTAMINATION METER

1. GENERAL

1.1. Purpose

This document outlines the bid evaluation process for the Alpha Beta Contamination Meter.

1.2. Instructions

Bidders will be assessed in accordance with the criteria detailed in this document. Mandatory requirements are identified by the word "must". All mandatory requirements must be met. In the Compliance Matrix (Table 1), the Bidder must indicate compliance (Yes/No) for each item and provide a reference (e.g., page number, section, etc.) in the bid where information pertaining to compliance can be found. Note that by circling "No" to any one compliance item may result in the bid being deemed non-compliant and given no further consideration.

2. BID DOCUMENTATION

2.1 Proposal Requirements

The Bidder must provide the following documentation:

- a) A completed Compliance Matrix including proof of compliance and Written Confirmations as specified in Table 1. For the purposes of this Request For Proposal, by circling the compliance "Yes" for each item in Table 1, the Bidder guarantees it will fully comply with the requirement identified in the "Requirement" column of Table 1; and
- b) Documentation provided with the bid as proof of compliance may include any or all of the following:
 - i. A system brochure that details the components and operating characteristics of the system;
 - ii. The system Operator's Manual;
 - iii. The system Maintenance Manual;
 - iv. Drawing or schematic which clearly depicts the product's dimensions and scale; and
 - v. Any additional documentation that provides product information;

Bidders must address any concerns with the performance specifications in written detail to the Contracting Authority before bid closing as outlined in the solicitation document.

Failure to meet any mandatory performance specification will result in the bid being deemed nonresponsive, and be given no further consideration.

2.2 Test Results

Where Test Results are required as part of the Proof of Compliance, they must:

- (a) Be for the model offered or be for a previous model which the model offered is based upon, and include a detailed explanation why the results are valid for the model offered; and
- (b) Be signed on each page by the technical authority that completed the testing.

Note: Test results may include the test data and summary, or just the summary confirming the system passed the tests.

3. MANDATORY REQUIREMENTS

Table 1: Compliance Matrix

Item #	Annex B Ref.	Requirement	Proof of Compliance	Compliant (Circle One)	Bid Reference
EXPERIENCE AND PROVEN DESIGN					
1	2.1	<u>Expertise and Proven Design</u> The Bidder must be an established manufacturer of handheld alpha beta contamination detection equipment that has significant experience in sales to first responders and military forces as follows:			
	(a)	The Bidder must be an established radiation instrumentation manufacturer (or authorized distributor) that has been in the business of developing, manufacturing and/or selling radiation instrumentation for a minimum of five (5) years.	The Bidder must provide detailed business experience that demonstrates they have been in the business of developing, manufacturing and/or selling radiation instrumentation for a minimum of five (5) years. Where the Bidder is not the manufacturer, the business experience from the manufacturer may be used as proof of compliance.	Yes / No	
	(b)	The AB Contamination Meter must be a commercial-off-the-shelf (COTS) product that is currently in production and in use by an American, British, Canadian or Australian (ABCA) military force or North American Civilian First Responder organization; In order to demonstrate this, the Bidder must have sold a minimum of fifty (50) of the AB Contamination Meters being offered to an ABCA military force or North American Civilian First Responder organization in the last five (5) years.	The Bidder must provide contract numbers, award dates, models and quantities delivered that demonstrate the sales as specified. Where the Bidder cannot provide the contract details (to protect the previous customer's contract information), they must provide the name and telephone number of the applicable representative(s) so that Canada may confirm the sale(s). Where the Bidder is not the manufacturer, the sales information from the manufacturer may be used as proof of compliance.	Yes / No	
OPERATIONAL PERFORMANCE REQUIREMENTS					
2	2.2	<u>Operational Requirements</u> The AB Contamination Meter must:			
	(a)	Be a light-weight, portable system that can be carried and operated by a trained 5 th	The Bidder must:	Yes / No	

	<p>percentile female to 95th percentile male consisting of the following:</p> <ul style="list-style-type: none"> i. Base Meter; ii. Alpha Beta Probe; and iii. Quick-Connect Cable; 	<p>(a) Provide technical data, including that specified in Section 2.1(b) of this Appendix, and any other documentation that is required, to confirm that the AB Contamination Meter is a light-weight, portable system that can be carried and operated by a trained 5th percentile female to 95th percentile male;</p> <p>AND</p> <p>(b) Provide Written Confirmation by circling "Yes" that the AB Contamination Meter consists of the components specified in Section 2.2(a) of Annex B.</p>		
(b)	<p>Provide indication of alpha and beta contamination as follows:</p> <ul style="list-style-type: none"> i. Audible and visual alarms; and ii. Operator-selectable operating modes as follows: <ul style="list-style-type: none"> a. Count rate (in cps) for alpha only, beta only, and alpha + beta; and b. Surface contamination (in Bq/cm²) for alpha only, beta only, and alpha + beta; 	<p>The Bidder must provide technical data, including that specified in Section 2.1(b) of this Appendix, and any other documentation that is required, to confirm that the AB Contamination Meter provides indication of alpha and beta contamination as specified in Section 2.2(b) of Annex B.</p>	Yes / No	
(c)	<p>Utilize autonomous power as follows:</p> <ul style="list-style-type: none"> i. Not require external power; ii. Utilize commercially available batteries (e.g., AA, AAA, CR23, etc.); and iii. Operate for no less than twelve (12) hours at 20°C (±1°C) on a single set of batteries; 	<p>The Bidder must:</p> <p>(a) Provide technical data, including that specified in Section 2.1(b) of this Appendix, and any other documentation that is required, to confirm that the AB Contamination Meter does not require external power and operates on commercially available batteries as specified in Section 2.2(c) of Annex B;</p> <p>AND</p>	Yes / No	

		(b) Provide results of performance tests that confirm the AB Contamination Meter operates for no less than twelve (12) hours at 20°C ($\pm 1^\circ\text{C}$) on a single set of batteries. Results may be from in-house tests or from a third party test facility.		
(d)	Have a size and weight as follows: <ul style="list-style-type: none"> i. Permits the probe and base meter each to be held in one hand; and ii. Have a weight of no more than 1.5 kg (3.3 lbs) (probe, base meter, interconnecting cable and a full set of batteries only, no accessories (i.e., straps, pouches, carrying case, etc.); 	The Bidder must provide technical data, including that specified in Section 2.1(b) of this Appendix, and any other documentation that is required, to confirm that the AB Contamination Meter has a size and weight as specified in Section 2.2(d) of Annex B.	Yes / No	
(e)	Operate within the following environmental conditions: <ul style="list-style-type: none"> i. Ambient Air Temperature: -20°C to +50°C; and ii. Ambient Relative Humidity: 40% to 93% at 35°C; 	The Bidder must provide results of performance tests that confirm the AB Contamination Meter operates under the climatic conditions specified in Section 2.2(e) of Annex B. Results may be from in-house tests or from a third party test facility.	Yes / No	
(f)	Have an ingress protection (IP) in accordance with ANSI/IEC 60529:2013 of no less than the following: <ul style="list-style-type: none"> i. Alpha Beta Probe: IP 20 (Resistant to small objects such as fingers or similar sized particles); and ii. Base Meter: IP 65 (Dust tight and resistant to water jet impingement); 	The Bidder must provide results of performance tests that confirm the AB Contamination Meter has the ingress protection as specified in Section 2.2(f) of Annex B. Results may be from in-house tests or from a third party test facility.	Yes / No	
(g)	Not use any wireless transmission, or have all wireless transmission capabilities disabled including Bluetooth, RF, WIFI, GSP, etc.);	The Bidder must provide Written Confirmation by circling "Yes" that the AB Contamination Meter does not use wireless transmission or has wireless transmission capabilities disabled as specified in Section 2.2(g) of Annex B.	Yes / No	
(h)	Function normally following a 1.0 m (3.3 ft)	The Bidder must provide results of performance	Yes / No	

	drop on to a hard surface;	tests that confirm the AB Contamination Meter functions normally following a 1.0 m (3.3 ft) drop on to a hard surface. Results may be from in-house tests or from a third party test facility.		
(i)	Be resistant to periodic exposure to the following: i. Oils and lubricants; ii. Commonly used cleaning detergents; and iii. Mould, mildew, fungus, rot, and ultraviolet radiation;	The Bidder must provide Written Confirmation by circling "Yes" that the AB Contamination Meter is resistant to periodic exposure of the contaminants specified in Section 2.2(i) of Annex B.	Yes / No	
(j)	Have outer surfaces in a lusterless non-florescent earth tone color (i.e., grey, tan, brown, etc.) or black.	The Bidder must provide technical data, including that specified in Section 2.1(b) of this Appendix, and any other documentation that is required, to confirm that the AB Contamination Meter has outer surface colors as specified in Section 2.2(j) of Annex B.	Yes / No	
TECHNICAL REQUIREMENTS				
3	2.3.1	<u>Base Meter</u> The Base Meter must:		
(a)	Utilize lights and/or a flashing display to indicate radiation contamination that can be disabled by the operator;	The Bidder must provide technical data, including that specified in Section 2.1(b) of this Appendix, and any other documentation that is required, to confirm that the Base Meter has lights and/or a flashing display to indicate radiation contamination as specified in Section 2.3.1(a) of Annex B.	Yes / No	
(b)	Have audible alarms as follows: i. Distinct tones and/or patterns to indicate the radiation contamination by type as follows: a. Alpha only; b. Beta only; and c. Alpha and Beta; ii. Varying intensity (e.g., volume) to indicate level of contamination; and iii. Include operator-selectable	The Bidder must provide technical data, including that specified in Section 2.1(b) of this Appendix, and any other documentation that is required, to confirm that the Base Meter has audible alarms as specified in Section 2.3.1(b) of Annex B.	Yes / No	

		mute and volume controls;		
(c)	Display numerical contamination readings as follows:	<ul style="list-style-type: none"> i. Utilize SI units (e.g., Bq/cm²) where applicable; and ii. Readable under the following conditions: <ul style="list-style-type: none"> a. Full daylight; b. Nighttime (backlight); and c. While wearing night vision goggles; 	The Bidder must provide technical data, including that specified in Section 2.1(b) of this Appendix, and any other documentation that is required, to confirm that the Base Meter displays numerical contamination readings as specified in Section 2.3.1(c) of Annex B.	Yes / No
(d)	Have an operator interface as follows:	<ul style="list-style-type: none"> i. Menu-based interface allowing the operator to set operation mode, configure the alarm settings and adjust the display settings; ii. Utilize push buttons or other means to permit the operator to manipulate the interface while using CBRN protective gloves as follows: <ul style="list-style-type: none"> a. Menu navigation; b. Changes of configurations and settings, including alarm thresholds; c. Alarm acknowledgement; and d. Instrument power on/off; 	The Bidder must provide technical data, including that specified in Section 2.1(b) of this Appendix, and any other documentation that is required, to confirm that the Base Meter has an operator interface as specified in Section 2.3.1(d) of Annex B.	Yes / No
(e)	Include a belt clip, strap, pouch or other means to allow for hands-free carry and operation.		The Bidder must provide Written Confirmation by circling "Yes" that the AB Contamination Meter includes a belt clip, strap, pouch or other means to allow for hands-free carry and operation.	Yes / No
4	2.3.2	<u>Alpha Beta Probe</u>		

	The Alpha Beta Probe must:			
(a)	Meet the minimum performance requirements for health physics instrumentation for use in ionizing radiation fields in accordance with IEEE/ANSI N42.17A;	The Bidder must provide technical data, including that specified in Section 2.1(b) of this Appendix, and any other documentation that is required, to confirm that the Alpha Beta Probe meets the minimum performance requirements for health physics instrumentation for use in ionizing radiation fields in accordance with IEEE/ANSI N42.17A.	Yes / No	
(b)	Utilize a scintillator detector with a surface area of 100-150 cm ² (39.4-59.0 in ²) and a protective grid or other feature (e.g., protective coating) to protect the Mylar window (if applicable);	The Bidder must provide technical data, including that specified in Section 2.1(b) of this Appendix, and any other documentation that is required, to confirm that the Alpha Beta Probe utilizes a scintillator detector as specified in Section 2.3.2(b) of Annex B.	Yes / No	
(c)	Have radiation detection efficiencies in a 2π geometry (i.e., point source over a flat surface) as follows: i. Alpha as follows: a. Am-241: ≥ 25%; and/or b. Pu-239: ≥ 25%; ii. Beta as follows: a. Co-60: ≥ 20%; and/or b. Sr/Y-90: ≥ 30%; and/or c. Cl-36: ≥ 30%;	The Bidder must provide results of performance tests that confirm the Alpha Beta Probe has the radiation detection efficiencies as specified in Section 2.3.2(c) of Annex B. Results may be from in-house tests or from a third party test facility.	Yes / No	
(d)	Have intrinsic Alpha-Beta crosstalk detection as follows: i. Alpha to Beta: < 10%; and ii. Beta to Alpha: < 1%;	The Bidder must provide results of performance tests that confirm the Alpha Beta Probe has the Alpha-Beta crosstalk detection as specified in Section 2.3.2(d). Results may be from in-house tests or from a third party test facility.	Yes / No	
(e)	Include a strap, pouch or other means to allow for hands-free carry while not in use;	The Bidder must provide Written Confirmation by circling "Yes" that the Alpha Beta Probe includes a belt clip, strap, pouch or other means to allow for hands-free carry and operation.	Yes / No	
(f)	Be hot swappable when used in conjunction with a base meter.	The Bidder must provide Written Confirmation by circling "Yes" that the Alpha Beta Probe is hot	Yes / No	

			swappable when used in conjunction with a base meter.		
5	2.3.3	<u>Quick-Connect Cable</u> The quick-connect cable must:			
	(a)	Be of sufficient length for two-handed operation (i.e., probe in one hand, base meter in the other);	The Bidder must provide Written Confirmation by circling "Yes" that the quick-connect cable is of sufficient length for two-handed operation as specified in Section 2.2.2(a) of Annex B.	Yes / No	
	(b)	Allow for connection and disconnection from the Base Meter and the AB Probe in the field without the use of tools.	The Bidder must provide Written Confirmation by circling "Yes" that the quick-connect cable allows for connection and disconnection from the Base Meter and the AB Probe in the field without the use of tools.	Yes / No	
6	2.3.4	<u>Calibration</u> The Alpha Beta Probe and Base Meter must:			
	(a)	Meet the calibration requirements for alpha, beta surface contamination for portable survey instruments in accordance with IEEE/ANSI N323AB-2013;	The Bidder must provide technical data, including that specified in Section 2.1(b) of this Appendix, and any other documentation that is required, to confirm that the Alpha Beta Probe and Base Meter meet the calibration requirements for alpha, beta surface contamination for portable survey instruments in accordance with IEEE/ANSI N323AB-2013.	Yes / No	
	(b)	Include a check source or other means to permit the operator to perform a confidence verification before use that is below the exemption value and can be transported without special provisions in accordance with the Canadian Packaging and Transport of Nuclear Substances Regulations.	The Bidder must provide Written Confirmation by circling "Yes" that the quick-connect cable allows for connection and disconnection from the Base Meter and the AB Probe and Base Meter includes a check source or other means to permit the operator to perform a confidence verification as specified in Section 2.3.4(b) of Annex B.	Yes / No	
7	2.3.5	<u>External Markings</u> The Alpha Beta Probe and Base Meter must have external markings as follows:			
	(a)	Include labels containing the following information: i. Manufacturer; ii. Item Name; iii. Part Number; iv. Unique Serial Number; and	The Bidder must provide Written Confirmation by circling "Yes" that the quick-connect cable allows for connection and disconnection from the Base Meter and the AB Probe and Base Meter include labels as specified in Section 2.3.5(a) of Annex B.	Yes / No	

	v. Matrix type barcode containing unique identification number in accordance with MIL-STD-130N Change 1 (if available);			
(b)	Instrument calibration labelling in accordance with IEEE/ANSI N323AB-2013 or equivalent;	The Bidder must provide Written Confirmation by circling "Yes" that the quick-connect cable allows for connection and disconnection from the Base Meter and the AB Probe and Base Meter include calibration labelling in accordance with IEEE/ANSI N323AB-2013 or equivalent.	Yes / No	
(c)	Functional designation labels for controls, switches and adjustments.	The Bidder must provide Written Confirmation by circling "Yes" that the quick-connect cable allows for connection and disconnection from the Base Meter and the AB Probe and Base Meter include functional designation labels for controls, switches and adjustments.	Yes / No	

APPENDIX 1 to PART 5 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)

Contractor's authorized representative signature

Date

APPENDIX 2 to PART 5 CERTIFICATIONS AND ADDITIONAL INFORMATION

The Contractor must provide the required certification(s) and additional information to be awarded a contract.

The certification(s) provided by the Contractor to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare a contractor in default if any certification made by the Contractor is found to be untrue whether made knowingly or unknowingly, during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Contractor's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority will constitute a default under the Contract.

The Contractor must submit the following duly completed certifications as part of the contract.

1. Integrity Provisions

1.1 Declaration of Convicted Offences

In accordance with the *Ineligibility and Suspension Policy* (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Contractor must provide the required documentation, as applicable.

1.2 Complete List of Names of Board of Directors

In accordance with the *Ineligibility and Suspension Policy* (see Section 17 at <http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>) and *General Conditions (SACC 2010A, Section 29)*, the Contractor must provide a list of the names of its Board of Directors (see Form 1), which will be used to verify conformance to the Integrity Provisions.

2. Product Conformance

The Contractor certifies that all goods proposed conform, and will continue to conform, throughout the period of the contract, to the requirement detailed under Annex B.

Contractor's authorized representative signature

Date

APPENDIX 3 to PART 5 COVID-19 VACCINATION REQUIREMENT CERTIFICATION

I, _____ (first and last name), as the representative of
_____ (name of business) pursuant to
_____ (insert solicitation number), warrant and certify that all
personnel that _____ (name of business) will provide on the
resulting Contract who access federal government workplaces where they may come into contact with
public servants will be:

- (a) fully vaccinated against COVID-19 with Health Canada-approved COVID-19 vaccine(s); or
- (b) for personnel that are unable to be vaccinated due to a certified medical contraindication,
religion or other prohibited grounds of discrimination under the Canadian Human Rights Act, subject
to accommodation and mitigation measures that have been presented to and approved by
Canada;

until such time that Canada indicates that the vaccination requirements of the COVID-19 Vaccination
Policy for Supplier Personnel are no longer in effect.

I certify that all personnel provided by _____ (name of business) have been notified
of the vaccination requirements of the Government of Canada's COVID-19 Vaccination Policy for Supplier
Personnel, and that the _____ (name of business) has certified to their compliance with this
requirement.

I certify that the information provided is true as of the date indicated below and will continue to be true for
the duration of the Contract. I understand that the certifications provided to Canada are subject to
verification at all times. I also understand that Canada will declare a contractor in default, if a certification
is found to be untrue, whether made knowingly or unknowingly, during the bid or contract period. Canada
reserves the right to ask for additional information to verify the certifications. Failure to comply with any
request or requirement imposed by Canada will constitute a default under the Contract.

Signature: _____

Date: _____

Optional

For data purposes only, initial below if your business already has its own mandatory vaccination policy or
requirements for employees in place. Initialing below is not a substitute for completing the mandatory
certification above.

Initials: _____

Information you provide on this Certification Form and in accordance with the Government of Canada's COVID-19 Vaccination Policy for Supplier Personnel will be protected, used, stored and disclosed in accordance with the Privacy Act. Please note that you have a right to access and correct any information on your file, and you have a right to file a complaint with the Office of the Privacy Commissioner regarding the handling of your personal information. These rights also apply to all individuals who are deemed to be personnel for the purpose for the Contract and who require access to federal government workplaces where they may come into contact with public servants.