



National Defence

Défense nationale

National Defence Headquarters
Ottawa, Ontario
K1A 0K2

Quartier général de la Défense nationale
Ottawa (Ontario)
K1A 0K2

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

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

brooke.monette@forces.gc.ca

Proposal To: National Defence Canada

We hereby offer to sell to His Majesty the King in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached here to, the goods and services listed herein and 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 le Roi 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 indique(s).

Title/Titre Radio Frequency (RF) Shelter, including input/output (I/O) Plate, Electromagnetic Interference (EMI) Hardened Lights, Ventilation System and User Manual	Solicitation No – N° de l’invitation W8474-248421 b
Date of Solicitation – Date de l’invitation 27 September 2023	
Address Enquiries to – Adresser toutes questions à brooke.monette@forces.gc.ca	
Telephone No. – N° de téléphone	FAX No – N° de fax
Destination	

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 municipales 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.

**Solicitation Closes –
L’invitation prend fin**

At – à : 14:00 EDT

On - le : 23 October 2023

Delivery required - Livraison exigée	Delivery offered - Livraison proposée
Vendor Name and Address - Raison sociale et adresse du fournisseur	
Name and title of person authorized 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 _____

PART 1 - GENERAL INFORMATION

This bid solicitation cancels and supersedes previous bid solicitation number W8474-248421 dated 14 June 2023 with a closing of date of 21 July 2023 at 14:00 EDT. A debriefing or feedback session will be provided upon request to bidders/offerors/suppliers who bid on the previous solicitation.

1.1 Security Requirements

There is no Security Requirement.

1.2 Requirement

The requirement is detailed under Annex "A" Requirement of the resulting contract clauses.

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 Canadian Content

The requirement is subject to a preference for Canadian goods.

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the [Standard Acquisition Clauses and Conditions Manual](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The 2003ACB (2022-09-01) CanadaBuys Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation with the following modifications:

- a) Section 02, Business Number is deleted in its entirety.
- b) Section 06, Transmission through CanadaBuys (SAP Ariba) is deleted in its entirety.

2.2 Submission of Bids

Unless specified otherwise in the RFP or otherwise directed by the Contracting Authority, bids must be submitted to the Department of National Defence organization by electronic mail by the date, time and to the email address indicated on page 1 of the solicitation.

Electronic Submissions: Individual e-mails that may include certain scripts, formats, embedded macros and/or links, or those that exceed five (5) megabytes may be rejected by Canada's 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. Canada will confirm receipt of documents. It is the Bidder's responsibility to ensure that their entire submission has been received. Bidders should not assume that all documents have been

received unless Canada confirms receipt of each document. In order to minimize the potential for technical issues, bidders are requested to allow sufficient time before the closing date and time to confirm receipt. Bid documents submitted after the closing time and date will not be accepted.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than five (5) calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by Bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all Bidders. Enquiries not submitted in a form that can be distributed to all Bidders may not be answered by Canada.

2.4 Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the Bidders.

2.5 Bid Challenge and Recourse Mechanisms

- (a) Several mechanisms are available to potential suppliers to challenge aspects of the procurement process up to and including contract award.
- (b) Canada encourages suppliers to first bring their concerns to the attention of the Contracting Authority. Canada's [Buy and Sell](#) website, under the heading "[Bid Challenge and Recourse Mechanisms](#)" contains information on potential complaint bodies such as:
 - Office of the Procurement Ombudsman (OPO)
 - Canadian International Trade Tribunal (CITT)
- (c) Suppliers should note that there are **strict deadlines** for filing complaints, and the time periods vary depending on the complaint body in question. Suppliers should therefore act quickly when they want to challenge any aspect of the procurement process.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

Due to the nature of the bid solicitation, bids transmitted by epost Connect service, by facsimile and through CanadaBuys (SAP Ariba) will not be accepted.

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

- Section I: Technical Bid (one (1) soft copy, pdf or scanned image)
 Section II: Financial Bid (one (1) soft copy, pdf or scanned image)

Section III: Certifications (one (1) soft copy, pdf or scanned image)

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

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 in accordance with the Basis of Payment at Annex "B".

3.1.1 Electronic Payment of Invoices – Bid

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Annex "C" Electronic Payment Instruments, to identify which ones are accepted.

If Annex "C" 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

3.1.3 SACC Manual Clauses

Section IV: 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.
- (c) The evaluation team will determine if there are two (2) or more bids with a valid Canadian content certification with the bids coming from two or more Bidders that are not affiliated within the meaning used in the *Competition Act*, R.S.C., 1985, c. C-34. In that event, only those bids with a valid certification will be eligible to be awarded a contract; otherwise, all bids will be eligible. If at any point in the evaluation process it is found, whether by determination of invalidity of certifications, determination that bids are non-responsive or withdrawal of bids by Bidders, that there are no longer two (2) or more responsive bids with a valid certification, then all responsive bids will be eligible to be awarded a contract. Canada may conduct the validation of Canadian content certifications at any time in the evaluation process including doing so concurrently with other steps.

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Criteria

For the required items under Annex "A", the Bidder must provide an RF Shelter, including I/O Plate, EMI Hardened Lights, Ventilation System and User Manual which conform to the Mandatory Technical Criteria.

The bidder must indicate in their technical proposal how their proposed product meets each of the mandatory technical criteria.

MTC #	Mandatory Technical Criteria (MTC) RF Shelter
MTC1	<p>The RF shelter must:</p> <ol style="list-style-type: none"> a. Be a minimum of 8ft L x 8ft W x 6.5 ft H and a maximum of 9ft L x 14ft W x 6.6ft H in dimension; b. be made of a Restriction of Hazardous Substances (RoHS) Compliant silver/copper/nickel conductive fabric with heavy-duty round extruding aluminum or steel frame, or heavy-duty square stock extruding aluminum or steel frame; c. Be a free standing non-ridged structure (tent like); d. Include a minimum of 1x door no less than 30" W x 70" H; e. Include a minimum of 1x integral IO Plate; f. Include an integral ventilation system (see 4.1.1.3 below); g. Allow for safe assembly and disassembly with no more than a 2 personnel; h. Include transport cases; and, i. When packed for transportation case(s) must not exceed 125 lbs each.

MTC #	Mandatory Technical Criteria (MTC) RF Shelter Shielding Effectiveness
MTC2	<ol style="list-style-type: none"> a. The RF Shelter Must provide a minimum shielding effectiveness of 80 db across all frequencies from 10 Mhz to 26 Ghz when tested in accordance with Standard IEEE 299-2006 "Measuring the effectiveness of Electromagnetic Shielding enclosures." b. The bidder must provide, with its bid submission, a test report detailing the shielding effectiveness when tested across all frequencies from 10 Mhz to 26 Ghz in accordance with Standard IEEE 299-2006 "Measuring the effectiveness of Electromagnetic Shielding enclosures."

MTC #	Mandatory Technical Criteria (MTC) IO Plate
MTC3	<p>The I/O Plate must:</p> <ul style="list-style-type: none"> a. Include at a minimum 2x SMA Connectors, 2x N type Connectors, 2x Filtered 1 Gb ethernet connections; and, b. Include an integral filtered power supply with input of 110/240 VAC 50/60 Hz and a minimum 4 120 VAC 15 Amp outlets.

MTC #	Mandatory Technical Criteria (MTC) Ventilation System
MTC4	<p>The Ventilation system must:</p> <ul style="list-style-type: none"> a. Include a dedicated intake and exhaust fan; b. Be capable of a persistent air flow of 200 cubic feet a minute at minimum; and, c. Be capable of operating on 110/240 VAC 50/60HZ.

MTC #	Mandatory Technical Criteria (MTC) EMI Hardened Lights
MTC5	<p>The EMI Hardened Lights must:</p> <ul style="list-style-type: none"> a. Provide a minimum of 500 lux through out the entire shelter; and, b. Be capable of operating on 110/240 VAC 50/60HZ. c. Meet the following military standard, "MIL-STD-461".

4.1.2 Financial Evaluation

The price of the bid will be evaluated as follows:

Bidders must submit firm prices Delivery Duty Paid (DDP) Incoterms 2010, Canadian customs duties and excise taxes included, and the applicable taxes excluded.

The financial proposals will be evaluated in Canadian currency. Pricing submitted in foreign currency will be converted to Canadian dollars based on the exchange rate provided by the Bank of Canada at noon on the date of RFP closing.

Exchange rate fluctuation protection is not offered for this requirement. Any request for exchange rate fluctuation protection will not be considered and will render the bid non-responsive.

4.2 Basis of Selection

SACC Manual Clause A0031T (2010-08-16), Basis of Selection – Mandatory Technical Criteria

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.

5.1.2 Additional Certifications Required with the Bid

5.1.2.1 Canadian Content Certification

This procurement is conditionally limited to Canadian goods.

Subject to the evaluation procedures contained in the bid solicitation, bidders acknowledge that only bids with a certification that the good(s) offered are Canadian goods, as defined in clause A3050T, may be considered.

Failure to provide this certification completed with the bid will result in the good(s) offered being treated as non-Canadian goods.

The Bidder certifies that:

- a minimum of 80 percent of the total bid price consist of Canadian goods as defined in paragraph 1 of clause A3050T.

For more information on how to determine the Canadian content for a mix of goods, a mix of services or a mix of goods and services, consult [Annex 3.6](#), Example 2, of the Supply Manual.

5.1.2.1.1 SACC Manual clause A3050T (2020-07-01) Canadian Content Definition

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](#) website.

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.

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 Requirement

The Contractor must provide the items detailed under the "Requirement" at 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

The 2010A (2022-12-01), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract, with the following modifications:

"Canada", "Crown", "His Majesty" or "the Government" means His Majesty the king 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.

6.4 Term of Contract

6.4.1 Period of the Contract

The period of the Contract is from date of Contract to 17 April 2024 inclusive.

6.4.2 Delivery Date

All the deliverables must be received on or before 28 March 2024.

6.4.3 Delivery Points

Delivery of the requirement will be made to delivery point(s) specified at Annex "A" of the Contract.

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Brooke Monette
Title: DES Proc 4-4-6
Department of National Defence
Directorate: DES Proc
Address: 101 Colonel By Drive, Ottawa ON, K1A 0A2
E-mail address: brooke.monette@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.

6.5.2 Technical Authority (Information to be provided at contract award)

The Technical Authority for the Contract is:

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

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

The Technical Authority named above is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Technical Authority, however the Technical Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

6.5.3 Contractor's Representative (Information to be provided at contract award)

6.6 Payment

6.6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm unit price(s), as specified in Annex "B" for a cost of \$_____. Customs duties are *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.

6.6.2 Payment - Single Payment

SACC Manual clause H1000C (2008-05-12) Single Payment.

6.6.3 SACC Manual Clauses

SACC Manual clause C2000C (2007-11-30) Taxes – Foreign-based Contractor

6.6.4 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)

6.7 Invoicing Instructions

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.

Invoices must be distributed as follows:

The original and one (1) copy must be forwarded to the following address for certification and payment.

E-mail address: brooke.monette@forces.gc.ca

6.8 Certifications and Additional Information

6.8.1 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.

6.9 Applicable Laws

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

6.10 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 (2022-12-01) Goods (Medium Complexity);
- (c) Annex A, Requirement;
- (d) Annex B, Basis of Payment;
- (e) the Contractor's bid dated _____ (*insert date of bid*) (*If the bid was clarified or amended, insert at the time of contract award: “, as clarified on _____” or “, as amended on _____” and insert date(s) of clarification(s) or amendment(s) including its Inuit Benefits Plan. (if applicable).*

6.11 Defence Contract

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

6.12 Insurance

SACC Manual clause G1005C (2016-01-28) Insurance - No Specific Requirement

6.13 Dispute Resolution

The parties agree to maintain open and honest communication about the Work throughout and after the performance of the contract.

The parties agree to consult and co-operate with each other in the furtherance of the contract and promptly notify the other party or parties and attempt to resolve problems or differences that may arise.

If the parties cannot resolve a dispute through consultation and cooperation, the parties agree to consult a neutral third party offering alternative dispute resolution services to attempt to address the dispute.

Options of alternative dispute resolution services can be found on Canada's Buy and Sell website under the heading "[Dispute Resolution](#)".

6.14 Shipping Instructions – Delivery at Destination

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

Delivered Duty Paid (DDP) Destination to the delivery address specified in Annex "A", as per the Incoterms 2000 for shipments from a commercial contractor.

ANNEX "A"

REQUIREMENT

1.0 TITLE

Canadian Forces Information Operations Group (CFIOG) Radio Frequency (RF) Shelter, including input/output (I/O) Plate, Electromagnetic Interference (EMI) Hardened Lights, Ventilation System and User Manual.

2.0 BACKGROUND

The Department of National Defence (DND) CFIOG is responsible for the testing and maintenance of RF/EMI sensitive electronics equipment, which could be damaged if exposed to uncontrolled RF energy.

3.0 OBJECTIVES

CFIOG requires the purchase of a portable RF Shelter, including I/O Plate, EMI Hardened Lights, Ventilation System and User Manual, in order to create a shielded test space which prevents RF and electromagnetic frequencies from entering and insulates from RF and electromagnetic frequencies exiting.

4.0 REQUIREMENTS

The Contractor must provide DND quantity one (1) RF Shelter including I/O Plate, EMI Hardened Lights, Ventilation System and User Manual which meet the specifications as detailed within section 4.1 below.

Assembled, the components must function as a single system.

4.1 Deliverables and Specifications

4.1.1 RF Shelter, I/O Plates, EMI Hardened Lights, Ventilation System and User Manual Specifications

This section describes the required specifications of the RF Shelter, I/O Plates, EMI Hardened Lights, Ventilation System and User Manual.

4.1.1.1 RF Shelter Specifications

The RF shelter must:

- a. Be a minimum of 8ft L x 8ft W x 6.5 ft H and a maximum of 9ft L x 14ft W x 6.6ft H in dimension;
- b. be made of a Restriction of Hazardous Substances (RoHS) Compliant silver/copper/nickel conductive fabric with heavy-duty round extruding aluminum or steel frame, or heavy-duty square stock extruding aluminum or steel frame;
- c. Be a free standing non-ridged structure (tent like);
- d. Include a minimum of 1x door no less than 30" W x 70" H;
- e. Include a minimum of 1x integral IO Plate;
- f. Include an integral ventilation system (see 4.1.1.3 below);
- g. Allow for safe assembly and disassembly with no more than a 2 personnel;
- h. Include transport cases; and,
- i. When packed for transportation case(s) must not exceed 125 lbs each.

4.1.1.2 RF Shelter Shielding Effectiveness Specifications

- a. The RF Shelter Must provide a minimum shielding effectiveness of **80 db** across all frequencies from **10 Mhz to 26 Ghz** when tested in accordance with Standard IEEE 299-2006 “Measuring the effectiveness of Electromagnetic Shielding enclosures.”

4.1.1.3 IO Plate Specifications

The I/O Plate must:

- a. Include at a minimum 2x SMA Connectors, 2x N type Connectors, 2x Filtered 1 Gb ethernet connections; and,
- b. Include an integral filtered power supply with input of 110/240 VAC 50/60 Hz and a minimum 4 120 VAC 15 Amp outlets.

4.1.1.4 Ventilation System Specifications

The Ventilation system must:

- a. Include a dedicated intake and exhaust fan;
- b. Be capable of a persistent air flow of 200 cubic feet a minute at minimum; and,
- c. Be capable of operating on 110/240 VAC 50/60HZ.

4.1.1.5 EMI Hardened Lights Specifications

The EMI Hardened Lights must:

- a. Provide a minimum of 500 lux through out the entire shelter; and,
- b. Be capable of operating on 110/240 VAC 50/60HZ.
- c. Meet the following military standard, “MIL-STD-461”.

4.1.1.6 User Manuals

The User Manual must at minimum detail the assembly/disassembly process of the RF shelter.

4.2 Deliverables

Deliverables		
Item	Description	Quantity
1.	RF Shelter including I/O Plates, (EMI) Hardened Lights, Ventilation System and User Manual, as per 4.1.1	1

5.0 OTHER TERMS AND CONDITIONS OF THE SOW

5.1 Other obligations of the Contractor

The user manuals must be provided in either electronic PDF or MS Word or paper copy.

5.2 Delivery Location (specific contact information to be provided at contract award)

DEPARTMENT OF NATIONAL DEFENCE
CFIOG
Bldg 273
3545 Leirrim Road
Gloucester, ON
K1A 0K4

5.3 Language of Work

5.3.1 Documentation and User Manuals

All documentation and user manuals must be written in the English language.

ANNEX "B"

Basis of Payment

For the RF Shelter, including I/O Plate, EMI Hardened Lights, Ventilation System and User Manual **as specified in Annex "A" Requirement**, bidders must submit firm prices DDP Incoterms 2010, Canadian customs duties and excise taxes included, and the applicable taxes excluded.

Item	Qty (a)	Unit Price (b)	Lot Price (C) (a) x (b) =(C)
RF Shelter including I/O Plates, (EMI) Hardened Lights, Ventilation System and User Manual in accordance with Annex A Requirement.	1	\$	\$
Total Price =			\$

ANNEX "C" to PART 3 OF THE BID SOLICITATION

ELECTRONIC PAYMENT INSTRUMENTS

The Bidder accepts 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)