



## RETURN BIDS TO:

## RETOURNER LES SOUMISSIONS À:

Bid Receiving Public Works and Government  
Services Canada/Réception des soumissions  
Travaux publics et Services gouvernementaux  
Canada

Government of Canada Building

101 - 22nd Street East, Suite 110

Saskatoon

Saskatchewan

S7K 0E1

Bid Fax: (306) 975-5397

## REQUEST FOR PROPOSAL

## DEMANDE DE PROPOSITION

**Proposal To: Public Works and Government  
Services 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, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

**Proposition aux: Travaux Publics et Services  
Gouvernementaux 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, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

**Comments - Commentaires**

**Vendor/Firm Name and Address**

**Raison sociale et adresse du**

**fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**

Public Works and Government Services Canada/Travaux  
publics et Services gouvernementaux Canada

Harry Hays Building (HHB)

Room 759, 220-4th Avenue SE

Calgary

Alberta

T2G 4X3

<b>Title - Sujet</b> Spectrum Analyzer and Accessories		
<b>Solicitation No. - N° de l'invitation</b> W7702-196138/A	<b>Date</b> 2018-11-22	
<b>Client Reference No. - N° de référence du client</b> W7702-196138		
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$CAL-136-6831		
<b>File No. - N° de dossier</b> CAL-8-41059 (136)	<b>CCC No./N° CCC - FMS No./N° VME</b>	
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2019-01-07</b>		<b>Time Zone</b> <b>Fuseau horaire</b> Central Standard Time CST
<b>F.O.B. - F.A.B.</b> Specified Herein - Précisé dans les présentes <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input checked="" type="checkbox"/>		
<b>Address Enquiries to: - Adresser toutes questions à:</b> Hemy, Andrew		<b>Buyer Id - Id de l'acheteur</b> cal136
<b>Telephone No. - N° de téléphone</b> (403) 463-6589 ( )		<b>FAX No. - N° de FAX</b> (306) 975-5397
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> Defence R&D Canada Suffield Bldg 560 Receiving 560 Mount Sorrell Road Ralston, AB T0J 2N0 Canada		

**Instructions: See Herein**

**Instructions: Voir aux présentes**

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

## TABLE OF CONTENTS

<b>PART 1 - GENERAL INFORMATION .....</b>	<b>2</b>
1.1 REQUIREMENT .....	2
1.2 DEBRIEFINGS .....	2
1.3 TRADE AGREEMENTS .....	2
1.4 EPOST CONNECT SERVICE .....	2
<b>PART 2 - BIDDER INSTRUCTIONS .....</b>	<b>2</b>
2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS .....	2
2.2 SUBMISSION OF BIDS .....	2
2.3 ENQUIRIES - BID SOLICITATION .....	3
2.4 APPLICABLE LAWS .....	3
<b>PART 3 - BID PREPARATION INSTRUCTIONS .....</b>	<b>4</b>
3.1 BID PREPARATION INSTRUCTIONS .....	4
<b>PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION .....</b>	<b>5</b>
4.1 EVALUATION PROCEDURES .....	5
4.2 BASIS OF SELECTION .....	6
<b>PART 5 - CERTIFICATIONS AND ADDITIONAL INFORMATION .....</b>	<b>6</b>
5.1 CERTIFICATIONS REQUIRED WITH THE BID .....	6
5.2 CERTIFICATIONS PRECEDENT TO CONTRACT AWARD AND ADDITIONAL INFORMATION .....	6
<b>PART 6 - RESULTING CONTRACT CLAUSES .....</b>	<b>7</b>
6.1 SECURITY REQUIREMENTS .....	7
6.2 REQUIREMENT .....	7
6.3 STANDARD CLAUSES AND CONDITIONS .....	7
6.4 TERM OF CONTRACT .....	7
6.5 AUTHORITIES .....	8
6.6 PAYMENT .....	8
6.7 INVOICING INSTRUCTIONS .....	9
6.8 CERTIFICATIONS AND ADDITIONAL INFORMATION .....	9
6.9 APPLICABLE LAWS .....	9
6.10 PRIORITY OF DOCUMENTS .....	9
6.11 SACC MANUAL CLAUSES .....	9
6.12 INSPECTION AND ACCEPTANCE .....	10
<b>ANNEX "A" .....</b>	<b>11</b>
REQUIREMENT .....	11
<b>ANNEX "B" .....</b>	<b>15</b>
BASIS OF PAYMENT .....	15
<b>ANNEX "C" TO PART 3 OF THE BID SOLICITATION .....</b>	<b>16</b>
ELECTRONIC PAYMENT INSTRUMENTS .....	16

---

## PART 1 - GENERAL INFORMATION

### 1.1 Requirement

The requirement is detailed under Article 6.2 of the resulting contract clauses.

### 1.2 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.

### 1.3 Trade Agreements

The requirement is subject to the provisions of the North American Free Trade Agreement (NAFTA) and the Canadian Free Trade Agreement (CFTA)

### 1.4 epost Connect service

This bid solicitation allows bidders to use the epost Connect service provided by Canada Post Corporation to transmit their bid electronically. Bidders must refer to Part 2 entitled Bidder Instructions, and Part 3 entitled Bid Preparation Instructions, of the bid solicitation, for further information.

## 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 [2003](#) (2018-05-22) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

#### 2.1.1 SACC Manual Clauses

B1000T (2014-06-26), Conditional of Material – Bid

### 2.2 Submission of Bids

Bids must be submitted only to the Public Works and Government Services Canada (PWGSC) Bid Receiving Unit specified below by the date and time indicated on page 1 of the bid solicitation:

Bid Receiving Public Works and Government Services Canada  
Government of Canada Building  
101 22nd Street East, Suite 110  
Saskatoon, SK S7K 0E1  
Fax: (306) 975-5397  
Email: [ROReceptionSoumissions.WRBidReceiving@tpsgc-pwgsc.gc.ca](mailto:ROReceptionSoumissions.WRBidReceiving@tpsgc-pwgsc.gc.ca). **Bids/Offer will be not be accepted if emailed directly to this email address. This email is to initiate an ePost Connect conversation, as detailed in the Standard Instructions.**

### **2.2.1 Improvement of Requirement During Solicitation Period**

Should bidders consider that the specifications or Statement of Work contained in the bid solicitation could be improved technically or technologically, bidders are invited to make suggestions, in writing, to the Contracting Authority named in the bid solicitation. Bidders must clearly outline the suggested improvement as well as the reason for the suggestion. Suggestions that do not restrict the level of competition nor favour a particular bidder will be given consideration provided they are submitted to the Contracting Authority at least 10 days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

### **2.2.2 Best Delivery Date – Bid**

While delivery is requested by March 31, 2019 the best delivery that could be offered is \_\_\_\_\_.  
**(To be inserted by Bidder)**

### **2.3 Enquiries - Bid Solicitation**

All enquiries must be submitted in writing to the Contracting Authority no later than 10 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 Alberta.

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

- If the Bidder chooses to submit its bid electronically, Canada requests that the Bidder submits its bid in accordance with section 08 of the 2003 standard instructions. Bidders must provide their bid in a single transmission. The epost Connect service has the capacity to receive multiple documents, up to 1GB per individual attachment.

The bid must be gathered per section and separated as follows:

Section I: Technical Bid  
Section II: Financial Bid  
Section III: Certifications  
Section IV: Additional Information

- If the Bidder chooses to submit its bid in hard copies, Canada requests that the Bidder submits its bid in separately bound sections as follows:

Section I: Technical Bid (one hard copy)

Section II: Financial Bid (one hard copy)

Section III: Certifications (one hard copy)

- If the Bidder is simultaneously providing copies of its bid using multiple acceptable delivery methods, and if there is a discrepancy between the wording of any of these copies and the electronic copy provided through epost Connect service, the wording of the electronic copy provided through epost Connect service will have priority over the wording of the other copies.

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

Canada requests that bidders follow the format instructions described below in the preparation of hard copy of their bid:

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

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573) (<https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573>). To assist Canada in reaching its objectives, bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

### **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.

#### **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 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**

Bidders must meet the mandatory performance specifications specified herein (See Annex A for details).

#### **4.1.2 Financial Evaluation**

In Annex B, Basis of Payment; the quoted firm “Unit Price” for each item will be multiplied by the respective “Quantity” to determine an evaluated total for each line item. The sum of the totals of all line items will form the total evaluated price.

##### **4.1.2.1 Evaluation of Price**

SACC Manual Clause [A0220T](#) (2014-06-26), Evaluation of Price

## **4.2 Basis of Selection**

### **4.2.1 Mandatory Technical Criteria**

*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.

### **5.2 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 procurement 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.

## 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

6.1.1 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

[2010A](#) (2018-06-21), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

### 6.4 Term of Contract

#### 6.4.1 Delivery Date

All the deliverables must be received on or before TBD.

#### 6.4.2 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:

Andrew Hemy  
Procurement Officer  
Public Works and Government Services Canada  
Acquisitions Branch, Western Region  
Suite 759, 220 4th Ave SE  
Calgary AB T2G 0L1

Telephone: 403-463-6589  
Facsimile: 306 975-5397  
E-Mail address: andrew.hemy@pwgsc-tpsgc.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 Project Authority

The Project Authority for the Contract is: TBD

The Project 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 Project Authority, however the Project 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 (To be completed by Bidder)

Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_

Telephone: \_\_\_\_ \_\_\_\_ \_\_\_\_  
Facsimile: \_\_\_\_ \_\_\_\_ \_\_\_\_  
E-mail address: \_\_\_\_\_

## 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 firm unit prices as *specified in Annex B for a cost of \$ TBD*. 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 Single Payment

H1000C (2007-11-30), Single Payment

#### 6.6.3 Electronic Payment of Invoices – Contract

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

#### 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 address shown on page 1 of the Contract for certification and payment

#### 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 Alberta.

#### 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 (2018-06-21), General Conditions - Goods (Medium Complexity);
- (c) Annex A, Requirement;
- (d) Annex B, Basis of Payment;
- (e) the Contractor's bid dated \_\_\_\_\_

#### 6.11 SACC Manual Clauses

G1005C (2016-01-28), Insurance - No Specific Requirement  
B7500C (2006-06-16), Excess Goods  
B1501C (2018-06-21), Electrical equipment

Solicitation No. - N° de l'invitation  
W7702-196138/A  
Client Ref. No. - N° de réf. du client  
W7702-196138/A

Amd. No. - N° de la modif.  
File No. - N° du dossier  
CAL-8-41059

Buyer ID - Id de l'acheteur  
CAL136  
CCC No./N° CCC - FMS No./N° VME

---

## **6.12 Inspection and Acceptance**

The *Project* Authority is the Inspection Authority. All reports, deliverable items, documents, goods and all services rendered under the Contract are subject to inspection by the Inspection Authority or representative. Should any report, document, good or service not be in accordance with the requirements of the Statement of Work and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

## **ANNEX "A"**

### **REQUIREMENT**

#### **1. REQUIREMENT**

Defence Research and Development Canada (DRDC) requires a single unit handheld portable combination cable and antenna tester (CAT), vector network analyser (VNA) and spectrum analyzer (SA) with real time spectrum analyzer (RTSA) capabilities as well as an external GPS antenna, to help with determining interference in RF systems, as well as testing RF transmitting equipment, cables, and antennas. The supplier is responsible for delivery of the equipment to the RDRC Research centre located at Ralston, AB. Delivery is requested by March 31, 2019.

#### **2. ACRONYMS**

DRDC	Defence Research and Development Canada
SOR	Statement of Requirement
TA	Technical Authority
RF	Radio Frequency
CAT	Cable and Antenna Tester
VNA	Vector Network Analyzer
SA	Spectrum Analyzer
RTSA	Real Time Spectrum Analyzer
TDR	Time Domain Reflectivity
DTF	Distance to Fault
VSWR	Voltage Standing Wave Ratio
RL	Return Loss

#### **3. REQUIREMENTS**

The Contractor must provide the following items:

<b>Item #</b>	<b>Item Description</b>	<b>Quantity</b>
1	Portable handheld battery powered CAT/VNA/SA/RTSA meeting all minimum mandatory performance specifications as outlined in the compliance matrix (see below):	1
2	Accessories: External GPS antenna compatible with item 1 above	1

#### **4. MINIMUM MANDATORY PERFORMANCE SPECIFICATIONS**

A complete list of the minimum mandatory performance specifications is detailed below in the "Compliance Matrix". Bidders are to clearly demonstrate compliance with each mandatory specification.

**1. Bidders must show compliance by addressing each performance specification in the Compliance Matrix, whether the product offered meets or doesn't meet (Yes/No).**

2. Bidders are requested to indicate how they meet each performance specification by recording this information under the Performance Specification Offered column in the Compliance Matrix.

3. It is requested that supporting technical documentation, including but not limited to, specification sheets, technical brochures, photographs or illustrations be provided with the bid at solicitation close and be cross-referenced on the Compliance Matrix for each performance specification to outline where in the supporting technical documentation it demonstrates compliance. It is the Bidders responsibility to ensure that the submitted supporting technical documentation provides detail to prove that the proposed product(s) meet the requirements of the Performance Specification. If published supporting technical document is not available, the Bidder should prepare a written narrative complete with a detailed explanation of how its bid demonstrates technical compliance.

4. If the supporting documentation referenced above has not been provided at bid closing, the Contracting Authority will notify the Bidder that they must provide supporting documentation within two (2) business days following notification. Failure to comply with the request of the Contracting Authority within that time period, will deem the bid non-responsive and the bid will be given no further consideration.

5. Bidders must address any concerns with the performance specifications in written detail to the Contracting Authority before bid closing as outlined in the Request for Proposal (RFP) document.

6. Failure to meet each mandatory performance specification will result in the bid being deemed non-responsive, and be given no further consideration.

<b>COMPLIANCE MATRIX – MINIMUM MANDATORY PERFORMANCE SPECIFICATIONS</b>				
<b>Item #</b>	<b>Performance Specification Required</b>	<b>Performance Specification Met?</b> Indicate Either Yes/No	<b>Performance Specification Offered:</b> Bidder should indicate how they meet the performance specification by recording this information in this column	<b>Cross Reference:</b> In this column, Bidders should cross-reference where this performance specification is indicated in their supporting documents
<b>M1</b>	Must be a portable handheld rechargeable battery powered combination Cable and Antenna Tester/ Vector Network Analyzer / Spectrum Analyzer / Real Time Spectrum Analyzer with an integrated graphic display, capable of measurements from 100KHz to 9.0GHz. Port connectors must be N connectors			
<b>M2</b>	Must have an integrated Tracking Generator that can produce 30KHz to 9.0GHz, continuous and swept			
<b>M3</b>	Must have an integrated pre-amplifier, with a gain of 20dB from 100KHz to 9.0GHz			
<b>M4</b>	Must have a built-in power meter capable of measuring signals from 30KHz to 9.0GHz, and must be able to set centre frequency and channel bandwidth			
<b>M5</b>	Must have an internal GPS receiver that can also use an external GPS antenna			

Item #	Performance Specification Required	Performance Specification Met? Indicate Either Yes/No	Performance Specification Offered: Bidder should indicate how they meet the performance specification by recording this information in this column	Cross Reference: In this column, Bidders should cross-reference where this performance specification is indicated in their supporting documents
M6	Cable and Antenna Tester function must provide Return Loss, Voltage Standing Wave Ratio, and scalar measurements from 100KHz to 9.0GHz			
M7	Vector Network Analyzer function must provide time domain measurements for transmission /reflection, full 2 port S parameters, and Distance To Fault cable measurements from 100KHz to 9.0GHz			
M8	Must be capable of 1 port and 2 port quick calibration			
M9	Must be able to perform Spectrum Analysis and Real Time Spectrum Analysis, with a maximum input power of Displayed Average Noise Level to +20dB, and have built in selectable input attenuation from 0 to 30dB			
M10	Must have Trace Recording and Playback			
M11	Must be Field upgradable for future options			
M12	Equipment to operate in English at a minimum.			
M13	Any included manuals must be provided in English at a minimum.			

Solicitation No. - N° de l'invitation  
W7702-196138/A  
Client Ref. No. - N° de réf. du client  
W7702-196138/A

Amd. No. - N° de la modif.  
File No. - N° du dossier  
CAL-8-41059

Buyer ID - Id de l'acheteur  
CAL136  
CCC No./N° CCC - FMS No./N° VME

## ANNEX "B"

### BASIS OF PAYMENT

Firm Unit Prices in Canadian Dollars, DDP 560 Mount Sorrell Road, Ralston Alberta Canada, Incoterms 2010.

Firm Unit Price does not include Applicable taxes. Applicable taxes will be added as a separate line item to any invoice issued as a result of a Contract.

#### Delivery location:

Defence Research and Development Canada – Suffield Research Centre  
Building 560 Receiving  
560 Mount Sorrell Road  
Ralston, Alberta T0J 2N0  
Canada

Item	Description	Quantity	Firm Unit Price	Extended Price
1	Portable handheld battery powered CAT/VNA/SA/RTSA meeting all minimum mandatory performance specifications as outlined in Annex A.	1	\$_____	\$_____
2	External GPS antenna	1	\$_____	\$_____
Total				\$_____



Solicitation No. - N° de l'invitation  
W7702-196138/A  
Client Ref. No. - N° de réf. du client  
W7702-196138/A

Amd. No. - N° de la modif.  
File No. - N° du dossier  
CAL-8-41059

Buyer ID - Id de l'acheteur  
CAL136  
CCC No./N° CCC - FMS No./N° VME

---

## **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)