



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

**Bid Receiving - PWGSC / Réception des
soumissions - TPSGC**
11 Laurier St. / 11, rue Laurier
Place du Portage, Phase III
Core 0B2 / Noyau 0B2
Gatineau, Québec K1A 0S5
Bid Fax: (819) 997-9776

**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
Electrical & Electronics Products Division
11 Laurier St./11, rue Laurier
7B3, Place du Portage, Phase III
Gatineau, Québec K1A 0S5

Title - Sujet SIGNAL GENERATOR	
Solicitation No. - N° de l'invitation W8486-163094/A	Date 2015-12-18
Client Reference No. - N° de référence du client W8486-163094	
GETS Reference No. - N° de référence de SEAG PW-\$\$HN-313-68680	
File No. - N° de dossier hn313.W8486-163094	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-02-01	Time Zone Fuseau horaire Eastern Standard Time EST
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Kelly, Ruth	Buyer Id - Id de l'acheteur hn313
Telephone No. - N° de téléphone (819) 420-0343 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Specified Herein Précisé dans les présentes	

Instructions: See Herein

Instructions: Voir aux présentes

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

TABLE OF CONTENTS

PART 1 - GENERAL INFORMATION	2
1.1 SECURITY REQUIREMENTS	2
1.2 REQUIREMENT	2
1.3 DEBRIEFINGS	2
1.4 TRADE AGREEMENTS	2
PART 2 - BIDDER INSTRUCTIONS	3
2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS	3
2.2 SUBMISSION OF BIDS	3
2.3 ENQUIRIES - BID SOLICITATION	3
2.4 APPLICABLE LAWS	4
PART 3 - BID PREPARATION INSTRUCTIONS	5
3.1 BID PREPARATION INSTRUCTIONS	5
PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION	7
4.1 EVALUATION PROCEDURES	7
4.2 FINANCIAL EVALUATION	7
PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION	8
5.1 CERTIFICATIONS REQUIRED WITH THE BID	8
5.2 CERTIFICATIONS PRECEDENT TO CONTRACT AWARD AND ADDITIONAL INFORMATION	8
PART 6 - RESULTING CONTRACT CLAUSES	11
6.1 SECURITY REQUIREMENTS	11
6.2 REQUIREMENT	11
6.3 STANDARD CLAUSES AND CONDITIONS	11
6.4 TERM OF CONTRACT	11
6.5 AUTHORITIES	12
6.6 PAYMENT	12
6.7 INVOICING INSTRUCTIONS	13
6.8 CERTIFICATIONS	13
6.9 APPLICABLE LAWS	14
6.10 PRIORITY OF DOCUMENTS	14
6.11 DEFENCE CONTRACT	14
6.12 SACC MANUAL CLAUSES	14
6.13 SACC MANUAL CLAUSES	14
6.13.1 SHIPPING INSTRUCTIONS - DELIVERY AT DESTINATION	14
6.13.2 PREPARATION FOR DELIVERY	15
6.13.3 SHIPPING – SCHEDULING	15
ANNEX "A" - SIGNAL GENERATOR	16
ANNEX "B" - PRICING SHEET	17

PART 1 - GENERAL INFORMATION

1.1 Security Requirements

There is no security requirement associated with the requirement.

1.2 Requirement

The contractor must provide the goods in accordance with the technical requirements stated at Annex "A.

1.2.1 Delivery Requirement

Delivery is requested to be completed by March 31, 2015.

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 North American Free Trade Agreement (NAFTA), and the Agreement on Internal Trade (AIT).

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 (2015-07-03) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of 2003, Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days

Insert: 90 days

2.1.1 SACC Manual Clauses

SACC Reference	Section	Date
<u>A9033T</u>	Financial Capability	2012-07-16
<u>B1000T</u>	Condition of Material	2014-06-26

2.2 Submission of Bids

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

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.

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 (2 hard copies)
- Section II: Financial Bid (1 hard copies)
- Section III: Certifications (1 hard copies)
- Section IV: Additional Information (1 hard 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 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](http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). 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.

3.1.1 Equivalent Products

- 1. Products that are equivalent in form, fit, function and quality to the item(s) specified in the bid solicitation will be considered where the Bidder:
 - a. designates the brand name, model and/or part number of the substitute product;
 - b. states that the substitute product is fully interchangeable with the item specified;
 - c. provides complete specifications and descriptive literature for each substitute product;
 - d. provides compliance statements that include technical specifics showing the substitute product meets all mandatory performance criteria that are specified in the bid solicitation; and
 - e. clearly identifies those areas in the specifications and descriptive literature that support the substitute product's compliance with any mandatory performance criteria.
- 2. Products offered as equivalent in form, fit, function and quality will not be considered if:
 - a. the bid fails to provide all the information requested to allow the Contracting Authority to fully evaluate the equivalency of each substitute product; or

-
- b. the substitute product fails to meet or exceed the mandatory performance criteria specified in the bid solicitation for that item.
 3. In conducting its evaluation of the bids, Canada may, but will have no obligation to, request bidders offering a substitute product to demonstrate, at the sole cost of bidders, that the substitute product is equivalent to the item specified in the bid solicitation

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Applicable Taxes must be shown separately.

3.1.2.1 Exchange Rate Fluctuation

The requirement does not offer exchange rate fluctuation risk mitigation. Requests for exchange rate fluctuation risk mitigation will not be considered. All bids including such provision will render the bid non-responsive.

Section III: Certifications

Bidders must submit the certifications required under Part 5.

Section IV: Additional Information

3.1.4 Delivery Offered

While delivery is requested as indicated above, the best delivery that could be offered is_____.

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

All bids must be completed in full and provide all of the information requested in the bid solicitation to enable full and complete evaluation.

4.1.1.1 Mandatory Technical Criteria

The following Mandatory requirements must be submitted with the bid for evaluation

- Technical compliance (Annex A)
- Certificate of Calibration must be included in each applicable package.
- Completion of Annex B, Pricing Schedule.

4.2 Financial Evaluation

4.2.1 Pricing Basis

The bidder must quote firm price in Canadian dollars, DDP Delivered Duty Paid (destination), Applicable Taxes extra, as applicable. Freight charges to destination and all applicable Custom duties and Excise taxes must be included, as applicable.

4.2.2 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. 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 Declaration of Convicted Offences

As applicable, pursuant to subsection Declaration of Convicted Offences of section 01 of the Standard Instructions, the Bidder must provide with its bid, a completed Declaration Form, 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 – List of Names

Bidders who are incorporated, including those bidding as a joint venture, must provide a complete list of names of all individuals who are currently directors of the Bidder.

Bidders bidding as sole proprietorship, as well as those bidding as a joint venture, must provide the name of the owner(s).

Bidders bidding as societies, firms or partnerships do not need to provide lists of names.

5.2.2 General Environmental Criteria Certification

The Bidder must select and complete one of the following two certification statements.

- A) The Bidder certifies that the Bidder is registered or meets ISO 14001.

Bidders' Authorized Representative Signature

Date

or

- B) The Bidder certifies that the Bidder meets and will continue to meet throughout the duration of the contract, a minimum of four (4) out of six (6) criteria identified in the table below.

The Bidder must indicate which four (4) criteria, as a minimum, are met.

Green Practices within the Bidders' organization	Insert a checkmark for each criterion that is met
Promotes a paperless environment through directives, procedures and/or programs	
All documents are printed double sided and in black and white for day to day business activity unless otherwise specified by your client	
Paper used for day to day business activity has a minimum of 30% recycled content and has a sustainable forestry management certification	
Utilizes environmentally preferable inks and purchase remanufactured ink cartridges or ink cartridges that can be returned to the manufacturer for reuse and recycling for day to day business activity.	
Recycling bins for paper, newsprint, plastic and aluminum containers available and emptied regularly in accordance with local recycling program.	
A minimum of 50% of office equipment has an energy efficient certification.	

Bidders' Authorized Representative Signature

Date

5.2.3 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](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)" list (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from 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](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)" 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 this Contract.

6.2 Requirement

The contractor must provide the goods in accordance with the technical requirements stated at Annex A.

6.2.2 SACC Manual Clauses

SACC Reference	Section	Date
<u>B1501C</u>	Electrical Equipment	2006-06-16
<u>B7500C</u>	Excess Goods	2006-06-16

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>) issued by Public Works and Government Services Canada.

6.3.1 General Conditions

2010A (2015-09-03), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

6.3.1.1 SACC Manual Clauses

SACC Reference	Section	Date
<u>C2800C</u>	Priority Rating	2013-01-28
<u>C2801C</u>	Priority Rating - Canadian Contractors	2014-11-27

6.4 Term of Contract

6.4.1 Delivery Date

All the deliverables must be received on or before _____ (Delivery as offered and as accepted will be inserted at contract award).

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Ruth Kelly – Supply Specialist
Public Works and Government Services Canada - Acquisitions Branch
Logistics, Electrical, Fuel and Transportation Directorate - "HN" Division
7B3, Place du Portage, Phase III, 11 Laurier Street, Gatineau, QC, K1A 0S5
Telephone: (819) 420-0343 Facsimile: (819) 953-4944
E-mail address: ruth.kelly@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 Contractor's Representative

Name and telephone number of the person responsible for:

General enquiries

Name: _____
Telephone: _____ Facsimile: _____
E-mail: _____

Delivery follow-up

Name: _____
Telephone: _____ Facsimile: _____
E-mail: _____

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, as specified in the contract. Customs duties are included and Applicable Taxes are extra.

6.6.2 Trade-In Credit (Optional)

The Contractor may provide a trade-in credit against the cost of the Requirement.

Items to be traded in are:

- Signal Generator – 8643A/001/002/010/011
S/N 3546A02211

- Signal Generator – E4423B/1EM
S/N US39260179

6.6.3 Single Payment

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

6.6.4 SACC Manual Clauses

SACC Reference	Section	Date
<u>G1005C</u>	Insurance	2008-05-12

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 consignee.
 - one (1) copy must be forwarded to the following address:

National Defence Headquarters - MGen George R. Pearkes Building
101 Colonel By Drive, Ottawa, ON, K1A 0K2
Attention: C. Trudel, DLP 4-4-1-2.
 - One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

Department of Public Works and Government Services - "HN" Division
7B3 Place du Portage, Phase III, 11 Laurier Street, Gatineau, QC, K1A 0S5
Attention: Ruth Kelly

6.8 Certifications

6.8.1 Compliance

The continuous compliance with the certifications provided by the Contractor in its bid and the ongoing cooperation in providing additional information are conditions of the Contract. Certifications are subject to verification by Canada during the entire period of the Contract. If the Contractor does not comply with any certification, fails to provide the additional information, or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

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 (2015-09-03), General Conditions - Goods (Medium Complexity);
- (c) Annex A - Requirement;
- (d) 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))

6.11 Defence Contract

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

6.12 SACC Manual Clauses

SACC Reference	Section	Date
<u>D5545C</u>	ISO 9001:2008 - Quality Management Systems - Requirements (Quality Assurance Code C)	2010-08-16

6.13 SACC Manual Clauses

SACC Reference	Section	Date
<u>D2000C</u>	Marking	2007-11-30
<u>D2001C</u>	Labelling	2007-11-30
<u>D9002C</u>	Incomplete Assemblies	2007-11-30

6.13.1 Shipping Instructions - Delivery at Destination

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

Delivered Duty Paid (DDP) (QETE – Gatineau, Quebec) Inco terms 2000 for shipments from a commercial contractor.

6.13.2 Preparation for Delivery

The Contractor must prepare item 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 in quantities of 1 by package.

6.13.3 Shipping – Scheduling

The Contractor must deliver the goods to Canadian Forces (CF) Supply Depots by appointment only. The Contractor or its carrier must arrange delivery appointments by contacting the Depot Traffic Section at the appropriate location shown below. The consignee may refuse shipments when prior arrangements have not been made.

- (a) QETE Warehouse
Gatineau, Quebec
819-994-1819

**ANNEX "A" - SIGNAL GENERATOR
(Critical Requirements)**

PARAMETER	MINIMUM SPECIFICATIONS
Frequency Range	9 KHz – 3 GHz
Maximum Power 2.1 GHz (dBm)	STD: +18
Low specified power (dBm)	-127
Enhanced low phase noise	Yes
Phase Noise 1GHz@20k offst (dBc)	STD: -131 (-134)
Enhanced Phase Noise 1GHz@20k offst (dBc)	-141 (-146)
Spurs/Non-harmonics 1 GHz (dBc)	STD: -80
Enhanced Spurs/Non-harmonic 1 GHz (dBc)	-92 (-96)
Enhanced dynamic range	Yes
Multifunction Generator	Yes
Modulation AM, FM, phase modulation	Yes
AM Accuracy 80% depth 1KHz rate @ 1GHz	Less than 3% +1% (2%)
FM Deviation @ 1GHz	4 MHz
Minimum Pulse width	20 ns
ARB baseband generator	80 MHz RF bandwidth, 32MSa
Custom Digital Modulation	Yes
Digital modulation QPSK format	50 sps to 100Msps
Switching Speed (list mode)	900 us
Differential I/Q outputs	Yes
ACPR WCDMA TM1 64DPCH	STD: -68 dBc
Enhanced ACPR WCDMA TM1 64DPCH	-71 dBc(-73)
EVM W-CDMA QPSK	Less than 1.2%
80 MHz wide QPSK EVM (corrections on)	Less than 0.9%
Playback memory depth/Real-time BBG	1Gsa/Yes
Move all connectors to rear panel	Yes
Expanded license key upgradability	Yes

ANNEX "B" - PRICING SHEET

Firm prices in Canadian dollars, DDP Delivered Duty Paid (destination), with applicable taxes extra, as applicable. Freight charges to destination included. All applicable Custom duties and Excise taxes included.

1. Two (2) Signal Generators (As per Annex A) \$ _____ ea.

2. Warranty (minimum 2 years) on the Signal Generator \$ _____

3. Trade-In Credit (Optional)

The Contractor may provide a trade-in credit against the cost of Signal Generator in an "as is" condition. **Not mandatory.**

Credit for Signal Generator 8643A/001/002/010/011
S/N 3546A02211

(minus \$ _____)

Credit for Signal Generator E4423B/1EM
S/N US39260179

(minus \$ _____)

TOTAL EVALUATED BID PRICE (Sum of 1 and 2, minus 3 if offered) \$ _____

NOTE WITH RESPECT TO TRADE-IN:

The Contractor will be responsible to pick up the trade-in units at a location with 50 miles of the NCR (Ottawa) at no additional cost to DND.

The end user will advise the Contractor of the exact pick-up location which will occur after the new units have been delivered.

The end user may only be able to release one unit at a time.

TABLE OF CONTENTS

PART 1 - GENERAL INFORMATION.....	2
1.1 SECURITY REQUIREMENTS	2
1.2 REQUIREMENT	2
1.3 DEBRIEFINGS.....	2
1.4 TRADE AGREEMENTS.....	2
PART 2 - BIDDER INSTRUCTIONS	3
2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS.....	3
2.2 SUBMISSION OF BIDS	3
2.3 ENQUIRIES - BID SOLICITATION.....	3
2.4 APPLICABLE LAWS.....	4
PART 3 - BID PREPARATION INSTRUCTIONS.....	5
3.1 BID PREPARATION INSTRUCTIONS	5
PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION.....	7
4.1 EVALUATION PROCEDURES	7
4.2 FINANCIAL EVALUATION.....	7
PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION.....	8
5.1 CERTIFICATIONS REQUIRED WITH THE BID.....	8
5.2 CERTIFICATIONS PRECEDENT TO CONTRACT AWARD AND ADDITIONAL INFORMATION	8
PART 6 - RESULTING CONTRACT CLAUSES.....	11
6.1 SECURITY REQUIREMENTS	11
6.2 REQUIREMENT	11
6.3 STANDARD CLAUSES AND CONDITIONS	11
6.4 TERM OF CONTRACT.....	11
6.5 AUTHORITIES.....	12
6.6 PAYMENT.....	12
6.7 INVOICING INSTRUCTIONS	13
6.8 CERTIFICATIONS	13
6.9 APPLICABLE LAWS.....	14
6.10 PRIORITY OF DOCUMENTS	14
6.11 DEFENCE CONTRACT.....	14
6.12 SACC MANUAL CLAUSES.....	14
6.13 SACC MANUAL CLAUSES.....	14
6.13.1 SHIPPING INSTRUCTIONS - DELIVERY AT DESTINATION	14
6.13.2 PREPARATION FOR DELIVERY	15
6.13.3 SHIPPING – SCHEDULING	15
ANNEX "A" - SIGNAL GENERATOR	16
ANNEX "B" - PRICING SHEET	17

Solicitation No. - N° de l'invitation
W8486-163094/A
Client Ref. No. - N° de réf. du client
W8486-163094

Amd. No. - N° de la modif.
File No. - N° du dossier
hn313.W8486-163094

Buyer ID - Id de l'acheteur
hn313
CCC No./N° CCC - FMS No./N° VME

PART 1 - GENERAL INFORMATION

1.1 Security Requirements

There is no security requirement associated with the requirement.

1.2 Requirement

The contractor must provide the goods in accordance with the technical requirements stated at Annex "A.

1.2.1 Delivery Requirement

Delivery is requested to be completed by March 31, 2015.

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 North American Free Trade Agreement (NAFTA), and the Agreement on Internal Trade (AIT).

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 (2015-07-03) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of 2003, Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days

Insert: 90 days

2.1.1 SACC Manual Clauses

SACC Reference	Section	Date
<u>A9033T</u>	Financial Capability	2012-07-16
<u>B1000T</u>	Condition of Material	2014-06-26

2.2 Submission of Bids

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

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.

Solicitation No. - N° de l'invitation
W8486-163094/A
Client Ref. No. - N° de réf. du client
W8486-163094

Amd. No. - N° de la modif.
File No. - N° du dossier
hn313.W8486-163094

Buyer ID - Id de l'acheteur
hn313
CCC No./N° CCC - FMS No./N° VME

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 (2 hard copies)
- Section II: Financial Bid (1 hard copies)
- Section III: Certifications (1 hard copies)
- Section IV: Additional Information (1 hard 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 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](http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). 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.

3.1.1 Equivalent Products

- 1. Products that are equivalent in form, fit, function and quality to the item(s) specified in the bid solicitation will be considered where the Bidder:
 - a. designates the brand name, model and/or part number of the substitute product;
 - b. states that the substitute product is fully interchangeable with the item specified;
 - c. provides complete specifications and descriptive literature for each substitute product;
 - d. provides compliance statements that include technical specifics showing the substitute product meets all mandatory performance criteria that are specified in the bid solicitation; and
 - e. clearly identifies those areas in the specifications and descriptive literature that support the substitute product's compliance with any mandatory performance criteria.
- 2. Products offered as equivalent in form, fit, function and quality will not be considered if:
 - a. the bid fails to provide all the information requested to allow the Contracting Authority to fully evaluate the equivalency of each substitute product; or

-
- b. the substitute product fails to meet or exceed the mandatory performance criteria specified in the bid solicitation for that item.
3. In conducting its evaluation of the bids, Canada may, but will have no obligation to, request bidders offering a substitute product to demonstrate, at the sole cost of bidders, that the substitute product is equivalent to the item specified in the bid solicitation

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Applicable Taxes must be shown separately.

3.1.2.1 Exchange Rate Fluctuation

The requirement does not offer exchange rate fluctuation risk mitigation. Requests for exchange rate fluctuation risk mitigation will not be considered. All bids including such provision will render the bid non-responsive.

Section III: Certifications

Bidders must submit the certifications required under Part 5.

Section IV: Additional Information

3.1.4 Delivery Offered

While delivery is requested as indicated above, the best delivery that could be offered is_____.

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

All bids must be completed in full and provide all of the information requested in the bid solicitation to enable full and complete evaluation.

4.1.1.1 Mandatory Technical Criteria

The following Mandatory requirements must be submitted with the bid for evaluation

- Technical compliance (Annex A)
- Certificate of Calibration must be included in each applicable package.
- Completion of Annex B, Pricing Schedule.

4.2 Financial Evaluation

4.2.1 Pricing Basis

The bidder must quote firm price in Canadian dollars, DDP Delivered Duty Paid (destination), Applicable Taxes extra, as applicable. Freight charges to destination and all applicable Custom duties and Excise taxes must be included, as applicable.

4.2.2 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. 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 Declaration of Convicted Offences

As applicable, pursuant to subsection Declaration of Convicted Offences of section 01 of the Standard Instructions, the Bidder must provide with its bid, a completed Declaration Form, 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 – List of Names

Bidders who are incorporated, including those bidding as a joint venture, must provide a complete list of names of all individuals who are currently directors of the Bidder.

Bidders bidding as sole proprietorship, as well as those bidding as a joint venture, must provide the name of the owner(s).

Bidders bidding as societies, firms or partnerships do not need to provide lists of names.

5.2.2 General Environmental Criteria Certification

The Bidder must select and complete one of the following two certification statements.

- A) The Bidder certifies that the Bidder is registered or meets ISO 14001.

Bidders' Authorized Representative Signature

Date

or

- B) The Bidder certifies that the Bidder meets and will continue to meet throughout the duration of the contract, a minimum of four (4) out of six (6) criteria identified in the table below.

The Bidder must indicate which four (4) criteria, as a minimum, are met.

Green Practices within the Bidders' organization	Insert a checkmark for each criterion that is met
Promotes a paperless environment through directives, procedures and/or programs	
All documents are printed double sided and in black and white for day to day business activity unless otherwise specified by your client	
Paper used for day to day business activity has a minimum of 30% recycled content and has a sustainable forestry management certification	
Utilizes environmentally preferable inks and purchase remanufactured ink cartridges or ink cartridges that can be returned to the manufacturer for reuse and recycling for day to day business activity.	
Recycling bins for paper, newsprint, plastic and aluminum containers available and emptied regularly in accordance with local recycling program.	
A minimum of 50% of office equipment has an energy efficient certification.	

Bidders' Authorized Representative Signature

Date

Solicitation No. - N° de l'invitation
W8486-163094/A
Client Ref. No. - N° de réf. du client
W8486-163094

Amd. No. - N° de la modif.
File No. - N° du dossier
hn313.W8486-163094

Buyer ID - Id de l'acheteur
hn313
CCC No./N° CCC - FMS No./N° VME

5.2.3 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](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)" list (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from [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 this Contract.

6.2 Requirement

The contractor must provide the goods in accordance with the technical requirements stated at Annex A.

6.2.2 SACC Manual Clauses

SACC Reference	Section	Date
<u>B1501C</u>	Electrical Equipment	2006-06-16
<u>B7500C</u>	Excess Goods	2006-06-16

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>) issued by Public Works and Government Services Canada.

6.3.1 General Conditions

2010A (2015-09-03), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

6.3.1.1 SACC Manual Clauses

SACC Reference	Section	Date
<u>C2800C</u>	Priority Rating	2013-01-28
<u>C2801C</u>	Priority Rating - Canadian Contractors	2014-11-27

6.4 Term of Contract

6.4.1 Delivery Date

All the deliverables must be received on or before _____ (Delivery as offered and as accepted will be inserted at contract award).

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Ruth Kelly – Supply Specialist
Public Works and Government Services Canada - Acquisitions Branch
Logistics, Electrical, Fuel and Transportation Directorate - "HN" Division
7B3, Place du Portage, Phase III, 11 Laurier Street, Gatineau, QC, K1A 0S5
Telephone: (819) 420-0343 Facsimile: (819) 953-4944
E-mail address: ruth.kelly@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 Contractor's Representative

Name and telephone number of the person responsible for:

General enquiries

Name: _____
Telephone: _____ Facsimile: _____
E-mail: _____

Delivery follow-up

Name: _____
Telephone: _____ Facsimile: _____
E-mail: _____

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, as specified in the contract. Customs duties are included and Applicable Taxes are extra.

6.6.2 Trade-In Credit (Optional)

The Contractor may provide a trade-in credit against the cost of the Requirement.

Items to be traded in are:

- Signal Generator – 8643A/001/002/010/011
S/N 3546A02211

- Signal Generator – E4423B/1EM
S/N US39260179

6.6.3 Single Payment

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

6.6.4 SACC Manual Clauses

SACC Reference	Section	Date
<u>G1005C</u>	Insurance	2008-05-12

6.7 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 consignee.
 - (b) one (1) copy must be forwarded to the following address:

National Defence Headquarters - MGen George R. Pearkes Building
101 Colonel By Drive, Ottawa, ON, K1A 0K2
Attention: C. Trudel, DLP 4-4-1-2.
 - (c) One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

Department of Public Works and Government Services - "HN" Division
7B3 Place du Portage, Phase III, 11 Laurier Street, Gatineau, QC, K1A 0S5
Attention: Ruth Kelly

6.8 Certifications

6.8.1 Compliance

The continuous compliance with the certifications provided by the Contractor in its bid and the ongoing cooperation in providing additional information are conditions of the Contract. Certifications are subject to verification by Canada during the entire period of the Contract. If the Contractor does not comply with any certification, fails to provide the additional information, or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

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 (2015-09-03), General Conditions - Goods (Medium Complexity);
- (c) Annex A - Requirement;
- (d) 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)*)

6.11 Defence Contract

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

6.12 SACC Manual Clauses

SACC Reference	Section	Date
<u>D5545C</u>	ISO 9001:2008 - Quality Management Systems - Requirements (Quality Assurance Code C)	2010-08-16

6.13 SACC Manual Clauses

SACC Reference	Section	Date
<u>D2000C</u>	Marking	2007-11-30
<u>D2001C</u>	Labelling	2007-11-30
<u>D9002C</u>	Incomplete Assemblies	2007-11-30

6.13.1 Shipping Instructions - Delivery at Destination

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

Delivered Duty Paid (DDP) (QETE – Gatineau, Quebec) Inco terms 2000 for shipments from a commercial contractor.

6.13.2 Preparation for Delivery

The Contractor must prepare item 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 in quantities of 1 by package.

6.13.3 Shipping – Scheduling

The Contractor must deliver the goods to Canadian Forces (CF) Supply Depots by appointment only. The Contractor or its carrier must arrange delivery appointments by contacting the Depot Traffic Section at the appropriate location shown below. The consignee may refuse shipments when prior arrangements have not been made.

- (a) QETE Warehouse
Gatineau, Quebec
819-994-1819

**ANNEX "A" - SIGNAL GENERATOR
(Critical Requirements)**

PARAMETER	MINIMUM SPECIFICATIONS
Frequency Range	9 KHz – 3 GHz
Maximum Power 2.1 GHz (dBm)	STD: +18
Low specified power (dBm)	-127
Enhanced low phase noise	Yes
Phase Noise 1GHz@20k offst (dBc)	STD: -131 (-134)
Enhanced Phase Noise 1GHz@20k offst (dBc)	-141 (-146)
Spurs/Non-harmonics 1 GHz (dBc)	STD: -80
Enhanced Spurs/Non-harmonic 1 GHz (dBc)	-92 (-96)
Enhanced dynamic range	Yes
Multifunction Generator	Yes
Modulation AM, FM, phase modulation	Yes
AM Accuracy 80% depth 1KHz rate @ 1GHz	Less than 3% +1% (2%)
FM Deviation @ 1GHz	4 MHz
Minimum Pulse width	20 ns
ARB baseband generator	80 MHz RF bandwidth, 32MSa
Custom Digital Modulation	Yes
Digital modulation QPSK format	50 sps to 100Msps
Switching Speed (list mode)	900 us
Differential I/Q outputs	Yes
ACPR WCDMA TM1 64DPCH	STD: -68 dBc
Enhanced ACPR WCDMA TM1 64DPCH	-71 dBc(-73)
EVM W-CDMA QPSK	Less than 1.2%
80 MHz wide QPSK EVM (corrections on)	Less than 0.9%
Playback memory depth/Real-time BBG	1Gsa/Yes
Move all connectors to rear panel	Yes
Expanded license key upgradability	Yes

Solicitation No. - N° de l'invitation
W8486-163094/A
Client Ref. No. - N° de réf. du client
W8486-163094

Amd. No. - N° de la modif.
File No. - N° du dossier
hn313.W8486-163094

Buyer ID - Id de l'acheteur
hn313
CCC No./N° CCC - FMS No./N° VME

ANNEX "B" - PRICING SHEET

Firm prices in Canadian dollars, DDP Delivered Duty Paid (destination), with applicable taxes extra, as applicable. Freight charges to destination included. All applicable Custom duties and Excise taxes included.

1. Two (2) Signal Generators (As per Annex A) \$ _____ ea.

2. Warranty (minimum 2 years) on the Signal Generator \$ _____

3. Trade-In Credit (Optional)

The Contractor may provide a trade-in credit against the cost of Signal Generator in an "as is" condition. **Not mandatory.**

Credit for Signal Generator 8643A/001/002/010/011
S/N 3546A02211 (minus \$ _____)

Credit for Signal Generator E4423B/1EM
S/N US39260179 (minus \$ _____)

TOTAL EVALUATED BID PRICE (Sum of 1 and 2, minus 3 if offered) \$ _____

NOTE WITH RESPECT TO TRADE-IN:

The Contractor will be responsible to pick up the trade-in units at a location with 50 miles of the NCR (Ottawa) at no additional cost to DND.

The end user will advise the Contractor of the exact pick-up location which will occur after the new units have been delivered.

The end user may only be able to release one unit at a time.