



**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  
L'Esplanade Laurier  
East Tower, 4th floor,  
Ottawa  
Ontario  
K1A 0S5

<b>Title - Sujet</b> Random Incidence Microphone	
<b>Solicitation No. - N° de l'invitation</b> 31184-218737/A	<b>Date</b> 2021-08-26
<b>Client Reference No. - N° de référence du client</b> 31184-218737	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$HN-313-80329	
<b>File No. - N° de dossier</b> hn313.31184-218737	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> Eastern Daylight Saving Time EDT <b>on - le 2021-09-13</b> Heure Avancée de l'Est HAE	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Kelly, Ruth	<b>Buyer Id - Id de l'acheteur</b> hn313
<b>Telephone No. - N° de téléphone</b> (819) 230-6003 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>  Specified Herein Précisé dans les présentes	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

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

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## TABLE OF CONTENTS

<b>PART 1 - GENERAL INFORMATION.....</b>	<b>2</b>
1.1 SECURITY REQUIREMENTS .....	2
1.2 REQUIREMENT .....	2
1.3 DEBRIEFINGS .....	2
1.4 EPOST CONNECT SERVICE .....	2
<b>PART 2 - BIDDER INSTRUCTIONS.....</b>	<b>3</b>
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
2.5 BID CHALLENGE AND RECOURSE MECHANISMS .....	4
<b>PART 3 - BID PREPARATION INSTRUCTIONS .....</b>	<b>5</b>
3.1 BID PREPARATION INSTRUCTIONS .....	5
<b>PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION .....</b>	<b>7</b>
4.1 EVALUATION PROCEDURES.....	7
<b>PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION.....</b>	<b>8</b>
5.1 CERTIFICATIONS REQUIRED WITH THE BID .....	8
5.2 CERTIFICATIONS PRECEDENT TO CONTRACT AWARD AND ADDITIONAL INFORMATION ..	8
<b>PART 6 - RESULTING CONTRACT CLAUSES.....</b>	<b>10</b>
6.1 SECURITY REQUIREMENTS .....	10
6.2 REQUIREMENT .....	10
6.3 STANDARD CLAUSES AND CONDITIONS .....	10
6.4. TERM OF CONTRACT .....	10
6.5 AUTHORITIES.....	11
6.6 PAYMENT .....	12
6.7 INVOICING INSTRUCTIONS .....	12
6.8 CERTIFICATIONS AND ADDITIONAL INFORMATION .....	13
6.9 APPLICABLE LAWS .....	13
6.10 PRIORITY OF DOCUMENTS .....	13
6.11 SACC MANUAL CLAUSES (DELIVERY).....	13
6.12 DISPUTE RESOLUTION.....	14
<b>ANNEX “A” – STATEMENT OF REQUIREMENT .....</b>	<b>15</b>
<b>ANNEX "B" – BASIS OF PAYMENT .....</b>	<b>16</b>
<b>ANNEX “C” – MANDATORY EVALUATION CRITERIA .....</b>	<b>17</b>

## **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 and/or services in accordance with the technical requirements and in the quantities stated herein at **Annex "A" – Statement of Requirement**.

#### **1.2.1 Delivery Requirement**

Delivery is requested to be completed by December 01, 2021.

### **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 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.

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## PART 2 - BIDDER INSTRUCTIONS

### 2.1 Standard Instructions, Clauses and Conditions

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

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

The 2003 (2020-05-28) Standard Instructions - Goods 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>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 in the bid solicitation.

Note: For bidders choosing to submit using epost Connect for bids closing at the Bid Receiving Unit in the National Capital Region (NCR) the email address is:  
[tpsgc.dgareceptiondessoumissions-abbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca](mailto:tpsgc.dgareceptiondessoumissions-abbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca)

Note: Bids will not be accepted if emailed directly to this email address. This email address is to be used to open an epost Connect conversation, as detailed in Standard Instructions 2003, or to send bids through an epost Connect message if the bidder is using its own licensing agreement for epost Connect.

### 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.

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## PART 3 - BID PREPARATION INSTRUCTIONS

### 3.1 Bid Preparation Instructions

Canada requests that the Bidder submits its bid in accordance with section 08 of the 2003 standard instructions. The epost Connect system has a limit of 1GB per single message posted and a limit of 20GB per conversation.

Canada requests that the bid be gathered per section and separated as follows:

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

Due to the nature of the bid solicitation, only bids transmitted by facsimile or e-post will be accepted.

Prices should appear in the financial bid only. No prices should 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 described in **Annex "A" – Statement of Requirement**.

#### Section II: Financial Bid

Bidders must submit their financial bid in accordance with **Annex "B" - Basis of Payment**.

##### 3.1.1 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.

##### 3.1.2 Electronic Payment of Invoices – Bid

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

- ( ) Visa Acquisition Card;
- ( ) MasterCard Acquisition Card;
- ( ) Direct Deposit (Domestic and International);

If none are chosen, 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.

### **Section III: Certifications**

Bidders must submit the certifications and additional information required under Part 5.

### **Section IV: Additional Information**

#### **3.1.3 Delivery Offered (*Bidder to complete*)**

While delivery is requested as indicated above, the best delivery that could be offered is \_\_\_\_\_ days after Contract award.

#### **3.1.4 Contractor Representatives (*Bidder to complete*)**

Name and telephone number of the person responsible for:

##### **General enquiries**

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

##### **Delivery follow-up**

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

## **PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION**

### **4.1 Evaluation Procedures**

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

#### **4.1.1 Technical Evaluation**

##### **4.1.1.1 Mandatory Technical Criteria**

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

- Technical compliance with all mandatory criteria as detailed in **Annex "C" – Mandatory Evaluation Criteria**.

#### **4.1.2 Financial Evaluation**

The following Mandatory factors will be taken into consideration in the evaluation of each bid: Compliance with Pricing Basis;

The bid price will be determined by processing items at **Annex "B" – Basis of Payment** as follows:

- a. Sum of all items total price (unit price x qty);

##### **4.1.2.1 Pricing Basis**

The Bidder must submit firm unit prices in Canadian dollars, Applicable Taxes extra, DDP Delivered Duty (Ottawa, ON). Freight charges to destination and all applicable Custom duties and Excise taxes must be included.

### **4.2. Basis of Selection**

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



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## 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.

#### 5.2.2 General Environmental Criteria Certification (*Bidder to complete*)

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.

<b>Green Practices within the Bidders' organization</b>	<b>Insert a checkmark for each criterion that is met</b>
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" 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/canada/esdc/labour/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 goods and/or services in accordance with the technical requirements and in the quantities stated herein at **Annex "A" – Statement of Requirement**.

#### 6.2.1 SACC Manual Clauses

SACC Reference	Section	Date
<u>B1501C</u>	Electrical Equipment	2018-06-21
<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 (2020-05-28), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

### 6.4. Term of Contract

#### 6.4.1 Delivery Date

The initial 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  
Industrial Products and Vehicles Procurement Directorate  
4th Floor East Tower, L'Esplanade Laurier Bldg,  
140 O'Connor St. Ottawa ON K1A 0R5

Telephone: 819-230-6003

E-mail address: [ruth.kelly@pwgsc-tpsgc.gc.ca](mailto: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 Technical Authority *(will be inserted at contract award)*

The Technical Authority for the Contract is:

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

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 *(will be inserted at contract award)*

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 in firm unit prices, as specified in in Annex B. 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

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

### 6.6.3 Electronic Payment of Invoices – Contract

The Contractor accepts to be paid using any of the following Electronic Payment Instrument(s): *(will remove payment types that do not apply at award)*

- a. Visa Acquisition Card;
- b. MasterCard Acquisition Card;
- c. Direct Deposit (Domestic and International);

### 6.6.6 SACC Manual Clauses

SACC Reference	Section	Date
<u>G1005C</u>	Insurance	2016-01-28

## 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) One copy must be emailed to the following address for certification and payment: [NRC.Invoice-Facture.CNRC@nrc-cnrc.gc.ca](mailto:NRC.Invoice-Facture.CNRC@nrc-cnrc.gc.ca)
- (b) One copy must be emailed to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

## 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 wordings 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 (2020-05-28), General Conditions - Goods (Medium Complexity);
- (c) Annex "A", Statement of Requirement;
- (d) Annex "B", Basis of Payment;
- (e) the Contractor's bid dated \_\_\_\_\_ (*will be inserted at contract award*)

## 6.11 SACC Manual Clauses (Delivery)

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

### 6.11.1 Shipping Instructions - Delivery at Destination

Goods must be consigned to the destination specified in the Contract and Delivered Duty Paid –DDP– (Ottawa, ON) Incoterms 2000 for shipments from a commercial contractor.

## **6.12 Dispute Resolution**

- (a) The parties agree to maintain open and honest communication about the Work throughout and after the performance of the contract.
- (b) 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.
- (c) 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.
- (d) Options of alternative dispute resolution services can be found on Canada's Buy and Sell website under the heading "Dispute Resolution".

## ANNEX "A" – STATEMENT OF REQUIREMENT

### 1. Purpose

1.1. National Research Council Canada has a requirement for the supply and delivery of Microphones sets (which includes the preamplifier) needed for building acoustic measurements.

Microphone Type	Diffuse Field (also known as Random Incidence) Pre-polarized (0V)
Preamplifier Type	IEPE (Integrated Electronics Piezo-Electric) also known as: ICP, CCP or CCLD Operating on 2-20 mA constant current supply
Preamplifier Connector	BNC
Diameter	½ in (13 mm)
Sensitivity	50 mV/Pa (nominal)
Frequency Response	8 to 12,500 Hz (+/- 2 dB) (range that must be included)
Noise Floor or Dynamic range lower limit	17 dB(A) (maximum)
Dynamic range upper limit	138 dB (minimum)
Compliance	IEC 61094-4 WS2D compliant Designed to be used in an IEC 61672 & 60651 compliant system
Manufacturer Warranty	2 years (minimum)



## ANNEX "B" – BASIS OF PAYMENT

All prices must be firm in Canadian dollars, Delivered Duty Paid (**Ottawa, Ontario**), Goods and Services Tax or the Harmonized Sales Tax extra, transportation costs to destination and all applicable Custom Duties and Excise Taxes included.

### Deliverables:

<i>Item</i>	<i>Description</i>	<i>Qty</i>	<i>UoI</i>	<i>Unit Price</i>	<i>Total Price</i>
1	Random Incidence Microphone  Bidder to specify make and model being offered:  <b>Manufacturer:</b>  _____  <b>Make and Model:</b>  _____  _____	24	each	\$	\$
2	Two (2) year extended warranty	1	Lot	\$	\$
<b>TOTAL</b>					\$

## ANNEX “C” – MANDATORY EVALUATION CRITERIA

### 1. Instructions to Bidders:

In their bid submission, Bidders must demonstrate how they meet all requirements detailed in the Requirement at Annex “A” and address clearly and in sufficient depth all points that are subject to evaluation criteria listed below, against which the bid will be evaluated. Bidders should demonstrate their capability and describe their approach in a thorough, concise and clear manner for carrying out the work.

The Bidder must provide proof and/or verification of the Mandatory Evaluation Criteria identified herein through supporting documentation, as applicable. Bidders are required to provide a page reference number by each compliant requirement that refers to the supplied literature; if left blank, it may be evaluated as not met. It is the Bidder's responsibility to ensure that the submitted supporting documentation provides detail to prove that the proposed good(s) meet the requirements of the mandatory criteria.

**If published supporting documents or certifications are not available, Bidders should prepare a written narrative complete with a detailed explanation of how its bid demonstrates technical compliance.**

Canada will not evaluate information such as references to website addresses where additional information can be found, or technical manuals, or brochures not submitted with the bid. To be considered responsive, proposals must meet all of the mandatory criteria specified in the solicitation document.

### 2. Mandatory Technical Evaluation Criteria:

Item	Mandatory Technical Criteria	Cross Reference Paragraph / Page # in Bidder's Proposal
The microphone sets proposed by the Bidder:		
<u>M1</u>	Must be Diffuse Field (also known as Random Incidence) Pre-polarized (0V)	
<u>M2</u>	Must be IEPE (Integrated Electronics Piezo-Electric) also known as: ICP, CCP or CCLD Operating on 2-20 mA constant current supply .	
<u>M3</u>	Must be BNC.	
<u>M4</u>	Must be ½ in (13 mm) diameter.	

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<u>M5</u>	Must be 50 mV/Pa (nominal) sensitivity.	
<u>M6</u>	Must be 8 to 12,500 Hz (+/- 2 dB) (range that must be included)	
<u>M7</u>	Must be 17 dB(A) (maximum)	
<u>M8</u>	Must be 138 dB (minimum)	
<u>M9</u>	Must be IEC 61094-4 WS2D compliant. Designed to be used in an IEC 61672 & 60651 compliant system.	
<u>M10</u>	Must have an extended 3 year (minimum) warranty.	