



## RETURN BIDS TO:

## RETOURNER LES SOUMISSIONS À:

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

1713 Bedford Row

Halifax, N.S./Halifax, (N.É.)

Halifax

Nova Scotia

B3J 1T3

Bid Fax: (902) 496-5016

## 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

Atlantic Region Acquisitions/Région de l'Atlantique  
Acquisitions

1713 Bedford Row

Halifax, N.S./Halifax, (N.É.)

Halifax

Nova Scot

B3J 1T3

<b>Title - Sujet</b> Network Time Server HIGH RELIABILITY STRATUM 1 NETWORK TIME SERVERS	
<b>Solicitation No. - N° de l'invitation</b> W7707-216919/A	<b>Date</b> 2021-04-30
<b>Client Reference No. - N° de référence du client</b> W7707-21-6919	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$HAL-208-11283	
<b>File No. - N° de dossier</b> HAL-0-85165 (208)	<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> Atlantic Daylight Saving Time ADT <b>on - le 2021-05-20</b> Heure Avancée de l'Atlantique HAA	
<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> LeBlanc, JoAnne	<b>Buyer Id - Id de l'acheteur</b> hal208
<b>Telephone No. - N° de téléphone</b> (902) 225-6730 ( )	<b>FAX No. - N° de FAX</b> (902) 496-5016
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> DEPARTMENT OF NATIONAL DEFENCE DRDC ATLANTIC 9 GROVE STREET DARTMOUTH NOVA SCOTIA B3A 3C5 CANADA	

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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## PART 1 - GENERAL INFORMATION

### 1.1 Security Requirements

There is no security requirement associated with this procurement.

### 1.2 Statement of Requirement

The requirement is detailed under Annex A – Statement of Requirement, attached herein.

### 1.3 Debriefings

Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

### 1.4 Canadian Content

The requirement is subject to **a preference** for Canadian goods and services.

### 1.5 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](#) (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**

### 2.2 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.

Bid Receiving Public Works and Government Services Canada /  
Réception des soumissions Travaux publics et services gouvernementaux  
1713 Bedford Row

Halifax, NS B3J 1T3

Email for epost Connect:

[TPSGC.RAReceptionSoumissionsNE-ARBidReceivingNS.PWGSC@tpsgc-pwgsc.gc.ca](mailto:TPSGC.RAReceptionSoumissionsNE-ARBidReceivingNS.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.

Facsimile number: (902) 496-5016

## 2.3 Former Public Servant

Contracts awarded to former public servants (FPS) in receipt of a pension or of a lump sum payment must bear the closest public scrutiny, and reflect fairness in the spending of public funds. In order to comply with Treasury Board policies and directives on contracts awarded to FPSs, bidders must provide the information required below before contract award. If the answer to the questions and, as applicable the information required have not been received by the time the evaluation of bids is completed, Canada will inform the Bidder of a time frame within which to provide the information. Failure to comply with Canada's request and meet the requirement within the prescribed time frame will render the bid non-responsive.

### Definitions

For the purposes of this clause, "former public servant" is any former member of a department as defined in the [Financial Administration Act](#), R.S., 1985, c. F-11, a former member of the Canadian Armed Forces or a former member of the Royal Canadian Mounted Police. A former public servant may be:

- a. an individual;
- b. an individual who has incorporated;
- c. a partnership made of former public servants; or
- d. a sole proprietorship or entity where the affected individual has a controlling or major interest in the entity.

"lump sum payment period" means the period measured in weeks of salary, for which payment has been made to facilitate the transition to retirement or to other employment as a result of the implementation of various programs to reduce the size of the Public Service. The lump sum payment period does not include the period of severance pay, which is measured in a like manner.

"pension" means a pension or annual allowance paid under the [Public Service Superannuation Act](#) (PSSA), R.S., 1985, c. P-36, and any increases paid pursuant to the [Supplementary Retirement Benefits Act](#), R.S., 1985, c. S-24 as it affects the PSSA. It does not include pensions payable pursuant to the [Canadian Forces Superannuation Act](#), R.S., 1985, c. C-17, the [Defence Services Pension Continuation Act](#), 1970, c. D-3, the [Royal Canadian Mounted Police Pension Continuation Act](#), 1970, c. R-10, and the [Royal Canadian Mounted Police Superannuation Act](#), R.S., 1985, c. R-11, the [Members of Parliament Retiring Allowances Act](#), R.S. 1985, c. M-5, and that portion of pension payable to the [Canada Pension Plan Act](#), R.S., 1985, c. C-8.

### Former Public Servant in Receipt of a Pension

As per the above definitions, is the Bidder a FPS in receipt of a pension? **Yes** ( ) **No** ( )

If so, the Bidder must provide the following information, for all FPSs in receipt of a pension, as applicable:

- a. name of former public servant;
- b. date of termination of employment or retirement from the Public Service.

By providing this information, Bidders agree that the successful Bidder's status, with respect to being a former public servant in receipt of a pension, will be reported on departmental websites as part of the published proactive disclosure reports in accordance with [Contracting Policy Notice: 2019-01](#) and the [Guidelines on the Proactive Disclosure of Contracts](#).

### Work Force Adjustment Directive

Is the Bidder a FPS who received a lump sum payment pursuant to the terms of the Work Force Adjustment Directive?

**Yes ( ) No ( )**

If so, the Bidder must provide the following information:

- a. name of former public servant;
- b. conditions of the lump sum payment incentive;
- c. date of termination of employment;
- d. amount of lump sum payment;
- e. rate of pay on which lump sum payment is based;
- f. period of lump sum payment including start date, end date and number of weeks;
- g. number and amount (professional fees) of other contracts subject to the restrictions of a work force adjustment program.

### 2.4 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than 7 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.

### 2.5 Applicable Laws

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

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.

## 2.6 Bid Challenge and Recourse Mechanisms

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

## PART 3 - BID PREPARATION INSTRUCTIONS

### 3.1 Bid Preparation Instructions

- 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. The epost Connect system has a limit of 1GB per single message posted and a limit of 20GB per conversation.

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

Section I: Technical Bid  
Section II: Financial Bid  
Section III: Certifications

- 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  
Section II: Financial Bid  
Section III: Certifications

- 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, as outlined in Annex A – Statement of Requirement.

#### **Section II: Financial Bid**

Bidders must submit their financial bid in accordance with the Basis of Payment – **Annex “B”**.

##### **3.1.1 Electronic Payment of Invoices – Bid (TO BE COMPLETED BY CONTRACTOR, IF/WHERE APPLICABLE)**

**If** you are willing to accept payment of invoices by Electronic Payment Instruments, please refer to the below list of Electronic Payment Instruments, and identify which ones are accepted.

If the Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

#### **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);

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

##### **3.1.2 SACC Manual Clauses**

#### **Section III: Certifications**

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

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## PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

### 4.1 Evaluation Procedures

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

#### 4.1.1 Technical Evaluation

The bidders should demonstrate in their bids that they fulfil all of the specifications detailed under Annex A – Statement of Requirement.

#### 4.1.2 Financial Evaluation

SACC Manual Clause A0222T (2014-06-26), Evaluation of Price-Canadian/Foreign Bidders

The total bid price will be determined by the total cost as per the Annex B – Basis of Payment, herein.

### 4.2 Basis of Selection

**4.2.1** A bid must comply with all requirements of the bid solicitation to be declared responsive. The responsive bid with the lowest evaluated price will be recommended for award of a contract.

Bidders should complete the Annex B – Basis of payment as it will be used for evaluation purposes.

## 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.

**The Bidder should complete Annex "C", attached herein.**

### 5.1.2 Additional Certifications Required with the Bid

#### 5.1.2.1 Canadian Content Certification

This procurement is conditionally limited to Canadian goods and Canadian services.

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

Failure to provide this certification completed with the bid will result in the goods and services offered being treated as non-Canadian goods and non-Canadian services.

#### **The Bidder certifies that:**

(     ) a minimum of 80 percent of the total bid price consist of Canadian goods and Canadian services as defined in paragraph 5 of clause [A3050T](#).

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

#### 5.1.2.2 SACC Manual clause [A3050T](#) (2020-07-01) Canadian Content Definition

## 5.2 Certifications Precedent to Contract Award and Additional Information

The certifications and additional information listed below should be submitted with the bid, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame provided will render the bid non-responsive.

### 5.2.1 Integrity Provisions – Required Documentation

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real property agreement of the [Ineligibility and Suspension Policy](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

## 5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](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 Statement of Requirement

The Contractor must provide the requirement in accordance with the Statement of Requirement - Annex "A", herein.

### 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](#) (2020-05-28), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

#### 6.3.2 Supplemental General Conditions

4004 (2013-04-25), Maintenance and Support Services for Licensed Software apply to and form part of the Contract.

### 6.4 Term of Contract

#### 6.4.1 Delivery Date

All goods shall be delivered and received 3 months from date of contract award.

#### **To be completed by supplier:**

While the delivery of Goods is being requested 3 months from date of contract award, the **best available delivery date** that can be offered by the Contractor is \_\_\_\_ **weeks/days from date of contract award.**

#### 6.4.2 Option to Extend the Contract

There is a software & technical support requirement associated with this requirement. The Contractor grants to Canada the irrevocable option to extend the term of the Contract by up to **3** additional one-year periods under the same conditions. The Contractor agrees that, during the extended period of the Contract, it will be paid in accordance with the applicable provisions as set out in the Basis of Payment.

Canada may exercise this option at any time by sending a written notice to the Contractor prior to the expiry date of the Contract. The option may only be exercised by the Contracting Authority, and will be evidenced for administrative purposes only, through a contract amendment.

#### 6.4.3 Delivery Points

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

### 6.5 Authorities

#### 6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

JoAnne K LeBlanc  
Supply Officer  
Public Works and Government Services Canada  
Acquisitions Branch  
1713 Bedford Row  
Halifax, NS B3J 1T3  
Cell: 902-225-6730  
E-mail: [joanne.leblanc3@tpsgc-pwgsc.gc.ca](mailto:joanne.leblanc3@tpsgc-pwgsc.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:

Will be completed at Contract award

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 CONTRACTOR*)

Name: \_\_\_\_\_

Position/title: \_\_\_\_\_

Phone: \_\_\_\_\_

Email: \_\_\_\_\_

## 6.6 Proactive Disclosure of Contracts with Former Public Servants

By providing information on its status, with respect to being a former public servant in receipt of a [Public Service Superannuation Act](#) (PSSA) pension, the Contractor has agreed that this information will be reported on departmental websites as part of the published proactive disclosure reports, in accordance with [Contracting Policy Notice: 2019-01](#) of the Treasury Board Secretariat of Canada.

## 6.7 Payment

### 6.7.1 Basis of Payment

The Contractor will be paid for its costs reasonably and properly incurred in the performance of the Work, as defined in Annex A herein, and in accordance with the Basis of Payment in Annex B, to a limitation of expenditure of \$ \_\_\_\_\_ (*this amount will be inserted at contract award*). Customs duties are *included*, and **Applicable Taxes are extra**.

### 6.7.2 Limitation of Expenditure

1. Canada's total liability to the Contractor under the Contract must not exceed \$ \_\_\_\_\_ (will be completed at contract award). Customs duties are included, and **Applicable Taxes are extra**.
2. No increase in the total liability of Canada or in the price of the Work resulting from any design changes, modifications or interpretations of the Work, will be authorized or paid to the Contractor unless these design changes, modifications or interpretations have been approved, in writing, by the Contracting Authority before their incorporation into the Work. The Contractor must not perform any work or provide any service that would result in Canada's total liability being exceeded before obtaining the written approval of the Contracting Authority. The Contractor must notify the Contracting Authority in writing as to the adequacy of this sum:
  - a. when it is 75% committed, or
  - b. four months before the contract expiry date, or
  - c. as soon as the Contractor considers that the contract funds provided are inadequate for the completion of the Work,whichever comes first.
3. If the notification is for inadequate contract funds, the Contractor must provide to the Contracting Authority a written estimate for the additional funds required. Provision of such information by the Contractor does not increase Canada's liability.

### 6.7.3 Method of Payment – Multiple Payments

Canada will pay the Contractor upon completion and delivery of units in accordance with the payment provisions of the Contract if:

- a. an accurate and complete invoice and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- b. all such documents have been verified by Canada;
- c. the Work delivered has been accepted by Canada.

### 6.7.4 SACC Manual Clauses

[C2000C](#) (2007-11-30), Taxes – Foreign-based Contractor

### **6.7.5 Electronic Payment of Invoices – Contract**

***(will be reflected if and where applicable at contract award, based on bidder's response)***

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

- a. Visa Acquisition Card;
- b. MasterCard Acquisition Card;
- c. Direct Deposit (Domestic and International);
- d. Electronic Data Interchange (EDI);

### **6.8 Invoicing Instructions**

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

### **6.9 Certifications and Additional Information**

#### **6.9.1 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.

#### **6.9.2 SACC Manual Clauses**

SACC Manual Clause A3060C (2008-05-12), Canadian Content Certification

### **6.10 Applicable Laws**

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

### **6.11 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 supplemental general conditions 4004 (2013-04-25) Maintenance and Support Services for Licensed Software;
- (c) the general conditions 2010A (2020-05-28) General Conditions: Goods (medium complexity);

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- (d) Annex A, Statement of Requirement;
- (e) Annex B, Basis of Payment;
- (f) the Contractor's bid dated \_\_\_\_\_ (date will be inserted at contract award).

## **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

### Title: HIGH RELIABILITY STRATUM 1 NETWORK TIME SERVERS

#### 1. BACKGROUND

DRDC Atlantic requires replacement of its current end of life time servers.

#### 2. ACRONYMS

DRDC            Defence Research and Development Canada  
SOR            Statement of Requirement  
TA              Technical Authority

#### 3. REQUIREMENTS

##### 3.1 FIRM PURCHASE

##### 3.1.1 Network Time Protocol Time Server

**Required quantity: 2**

The Contractor must provide the requirement with the following specifications:

Specifications	Value
Power Input	100-240VAC 50-60Hz
Rack Mount	Two post 19" rack mount device
Network Ports	Four RJ-45 100/1000BaseT, auto full duplex
Network Protocols	NTP v3, v4, (RFC 1305/5905/8633), SNTP(RFC4330) Symmetric keys: SHA1/256/512 and MD5, SNMP v2, v3, DHCP/DHCP V6, HTTP/SSL (TLS 1.1/1.2), SSHv2, Telnet, IPv4, IPv6, Port 1 Management and Time protocol, Ports 2,3,4 time protocols only
Network Protocols Optional	PTP, LDAPv3, RADIUS, X509 HTTPS certificates
GNSS Receivers	Minimum 72 channel reception capacity
GNSS Option	Galileo/GLONASS/BeiDou/SBAS/QZSS support in addition to GPS
Time Accuracy at 1PPS Output	<15 ns RMS to UTC (USNO).
Crystal Oscillator	Minimum OCXO Oscillator with hold over drift of 25 microseconds
I/O Modules	1PPS input and output , IRIG B input and output, 10MHz Input and output
Serial Output	DB9-F RS-232 Serial output of all raw NEMA-0183 data
NTP Performance	Up to 10,000 NTP Requests per second, Stratum 1 through GPS
Warranty	Two year hardware warranty

### **3.1.2 Accessories**

The Contractor must provide the following accessories for requirement 3.1:

Requirement Number	Description	Required quantity
3.1.2.1	North American power cord	2
3.1.2.2	50 foot antenna cable kit with antenna for GNSS reception	2
3.1.2.3	1:4 GPS L1 distribution amplifier active splitter	2

### **3.1.3 Software Support and Technical Support**

#### **Required Quantity: 2 (1 PER UNIT PURCHASED)**

The contractor must provide 12 months of software and technical support for requirement 3.1.1 and 3.1.2 beginning at time of contract award.

The support must include all relevant software updates for the equipment as well as contact with personnel who are capable of troubleshooting issues that arise with the hardware.

**Technical support must be available 24 hours a day, 7 days a week for 365 days per year through email or telephone.**

## **3.2 OPTION TO PURCHASE**

DRDC reserves the right to purchase additional network time protocol server (s) and accessories from time of contract award up to and including **31-March-2024**.

### **3.2.1 Network Time Protocol Time Server (OPTION TO PURCHASE)**

#### **Required Quantity: Up to 3**

The Contractor must provide the requirement as detailed in **3.1.1**.

### **3.2.2 Accessories (OPTION TO PURCHASE)**

Requirement Number	Description	Required Up to Quantity
3.2.2.1	50 foot antenna cable kit with antenna for GNSS reception	2
3.2.2.2	1:4 GPS L1 distribution amplifier active splitter	2

### **3.2.3 Software Support and Technical Support**

DRDC reserves the right to extend software and hardware support for **up to 3 additional 1 year periods** per unit purchased under the same conditions as detailed in **3.1.3**.



#### 4. DELIVERABLES

##### 4.1 FIRM PURCHASE DELIVERABLES

Number	Requirement Reference	Description of the Deliverables	Quantity and Format
4.1.1	3.1.1	Network Time Protocol Time Server	2
4.1.2	3.1.2.1	North American Power Cord	2
4.1.3	3.1.2.2	50 foot antenna cable kit with antenna for GNSS reception	2
4.1.4	3.1.2.3	1:4 GPS L1 distribution amplifier active splitter	2
4.1.5	3.1.3	Software and Technical Support for 12 months	2

##### 4.2 OPTIONAL PURCHASE DELIVERABLES

Number	Requirement Reference	Description of the Deliverables	Quantity and Format
4.2.1	3.2.1	Network Time Protocol Time Server	3
4.2.2	3.2.2.1	50 foot antenna cable kit with antenna for GNSS reception	2
4.2.3	3.2.2.2	1:4 GPS L1 distribution amplifier active splitter	2
4.2.5	3.2.3	Software and Technical Support for 12 months	3

#### 5. DATE OF DELIVERY

Deliverable 4.1 and 4.2 - Within 3 months after contract award.

#### 6. LANGUAGE OF WORK

The language of all work and deliverables must be in English.

#### 7. DELIVERY LOCATION

Defence Research and Development Canada – Atlantic Research Centre  
DA26  
9 Grove Street  
Dartmouth, NS  
B3A 3C5

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**8. TRAVEL**

The Contractor is not required to travel.

**9. MEETINGS**

Not required.

**10. GOVERNMENT SUPPLIED MATERIAL (GSM)**

None.

**11. GOVERNMENT FURNISHED EQUIPMENT (GFE)**

None.

## ANNEX "B" – BASIS OF PAYMENT

**Bidders should complete Table A and Table B, as shown below for their Price Proposal.**  
**The total cost will be used for evaluation purposes.**

### Bidding Instructions:

Annex "B" must be completed in its entirety or the tender/bid will be considered non-responsive and will not be evaluated.

- Prices are firm.
- Prices are to include the complete cost of performing the work under this contract.
- Firm Prices are in Canadian Dollars.
- Prices do not include taxes, however taxes will be added as a separate item, if applicable, on any invoice issued as a result of a Contract.

**TABLE A – PRICING TABLE FOR REQUIREMENT 3.1, 3.2 AND 3.3 (FIRM PURCHASE)**

Item	Description	Quantity	Unit of Measure	Unit Price	Extended Price
		(A)		(B)	(C = A x B)
1	<b>REQUIREMENT 3.1.1</b> Network Time Protocol Time Server	2	EA	\$	\$
<b>REQUIREMENT 3.1.2 Accessories (Item 2-4)</b>					
2	<b>REQUIREMENT 3.1.2.1</b> Power Cord	2	EA	\$	\$
3	<b>REQUIREMENT 3.1.2.1</b> 50 foot antenna cable kit with antenna for GNSS reception	2	EA	\$	\$
4	<b>REQUIREMENT 3.1.2.1</b> 1:4 GPS L1 distribution amplifier active splitter	2	EA	\$	\$
5	<b>REQUIREMENT 3.1.3</b> Software Support and Technical Support	2	EA per 12 month period	\$	\$
ESTIMATED SUBTOTAL					\$
APPLICABLE TAXES ( 15 % HST)					\$
TOTAL VALUE (Subtotal plus taxes)					\$

**TABLE B – PRICING TABLE FOR REQUIREMENT 3.2 (OPTIONAL PURCHASE)**

Item	Description	Quantity (A)	Unit of Measure	YEAR 2021-2022		YEAR 2022-2023		YEAR 2023-2024	
				Unit Price (B)	Extended Price (C = A x B)	Unit Price (D)	Extended Price (E = A x D)	Unit Price (F)	Extended Price (G = A x F)
1	<b>REQUIREMENT 3.2.1</b> Network Time Protocol Time Server	3	EA	\$	\$	\$	\$	\$	\$
<b>REQUIREMENT 3.2.2 Accessories (Item 2-3)</b>									
2	<b>REQUIREMENT 3.2.2.1</b> 50 foot antenna cable kit with antenna for GNSS reception	2	EA	\$	\$	\$	\$	\$	\$
3	<b>REQUIREMENT 3.2.2.1</b> 1:4 GPS L1 distribution amplifier active splitter	2	EA	\$	\$	\$	\$	\$	\$
4	<b>REQUIREMENT 3.2.3</b> Software Support and Technical Support	3	EA per 12 month period	\$	\$	\$	\$	\$	\$
ESTIMATED SUBTOTAL					\$	\$	\$	\$	\$
APPLICABLE TAXES ( 15 % HST)					\$	\$	\$	\$	\$
TOTAL VALUE (Subtotal plus taxes)					\$				

**For the purposes of evaluation of price proposal:**

**Total cost of Table A \$\_\_\_\_\_**

**Total cost of Table B \$\_\_\_\_\_**

**Total cost (Table A + Table B) \$\_\_\_\_\_ (HST extra )  
(delivery charges included, and applicable taxes should be listed separately)**

NAME OF BIDDING COMPANY / BIDDER: \_\_\_\_\_

Date: \_\_\_\_\_

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## ANNEX "C" - INTEGRITY PROVISIONS – LIST OF DIRECTORS

Please provide list of names of the following entities, according to the ownership nature of the company

1. For a Corporation - each current member of the Bidder's Board of Directors;

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2. For a Partnership, General Partnership or Limited Partnership - the names of all current partners;

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3. For a Sole Proprietorship or an individual doing business under a firm name - the name of the sole proprietor or individual;

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4. In the case of a joint venture - For a Joint Venture - the names of all current members of the Joint venture;

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5. For an individual - the full name of the person

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