

**REQUEST FOR PROPOSAL /  
DEMANDE DE PROPOSITION**

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

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informer l'Unité de réception des soumissions de  
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Or By/Ou par Fax To/A: (819) 997-9776

**Proposal To: National Defence 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  
and services listed herein and on any attached sheets at  
the price(s) set out therefore.

**Proposition à : Défense nationale Canada**  
Nous offrons par la présente de vendre à Sa Majesté la  
Reine du chef du Canada, aux conditions énoncées ou  
incluses par référence dans la présente et aux annexes ci-  
jointes, les biens et services énumérés ici et sur toute  
feuille ci-annexée, au(x) prix indique(s).

**Solicitation Closes /  
L'invitation prend fin:**

At / à :

(EST / heure normale de l'Est)  
(EDT / heure avancée de l'Est)

On / le :

<b>Title/Titre</b> Tension Link Load Cell	<b>Solicitation No – N° de l'invitation</b> W2671-20CD03/A
<b>Date of Solicitation – Date de l'invitation</b> 23 Dec 2020	
<b>Address Enquiries to – Adresser toutes questions à</b>  Ahmad Omary, DAP 2-3-5 <a href="mailto:Ahmad.omary@forces.gc.ca">Ahmad.omary@forces.gc.ca</a>	
<b>Telephone No. – N° de téléphone</b>  819-947-1330	<b>FAX No – N° de fax</b>  N/A
<b>Destination</b>  Aerospace Engineering Test Establishment (AETE) 4 Wing Cold Lake AETE Building 171 MDC Cold Lake AB Canada T9M2C6	

<b>Delivery required - Livraison exigée</b>	<b>Delivery offered - Livraison proposée</b>
<b>Vendor Name and Address - Raison sociale et adresse du fournisseur</b>	
<b>Name and title of person authorized to sign on behalf of vendor (type or print) - Nom et titre de la personne autorisée à signer au nom du fournisseur (caractère d'imprimerie)</b>	
Name/Nom _____	Title/Titre _____
Signature _____	Date _____

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## **PART 1 - GENERAL INFORMATION**

### **1.1 Security Requirements**

There is no security requirement associated with this bid solicitation.

### **1.2 Statement of Work**

The Work to be performed is detailed under **Annex A** of the resulting contract clauses.

### **1.3 Debriefings**

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

### **1.4 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, with the following modifications:

- a) Section 02, Procurement Business Number is deleted in its entirety.
- b) Section 05, Submission of Bids – Subsection 4 is amended as follows:  

Delete: 60 days  
Insert: 90 days
- c) Section 20, Further information – Subsection 2 is deleted in its entirety.

#### **2.1.1 SACC Manual Clauses**

[B1000T](#) (2014-06-26) Condition of Material-Bid

[B3000T](#) (2006-06-16) Equivalent Products/ Substitutes (Form, Fit and Function)

### **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 seven (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.

## 2.4 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.

## 2.6 Military aviation replacement parts: Condition and certification of deliverables end items

The following categories do not apply to standard and commercial parts. Standard parts consist of common hardware parts and raw materials, not necessarily designed for aviation use, produced to recognized industry or government specifications, which are available without proprietary limitations (such as Society of Automotive Engineers (SAE), National Aerospace Standard (NAS), Army-Navy Aeronautical Standard (AN), and Military Standard (MS) hardware items). Commercial parts consist of common non-aeronautical parts produced to recognized industry specifications and available on the commercial market. Deliverable standard and commercial parts must be in a new condition.

1. Category #1 - New Materiel  
Deliverable end items to be manufactured or which have been manufactured but not used, which are supplied by:
  - a. the owner of the design or manufacturing rights to the items; or,
  - b. the authorized manufacturer or agent/distributor of the owner of the design or manufacturing rights to the items; or
  - c. distributors approved by Transport Canada (TC) or accredited by the Aviation Suppliers Association, for parts that have an application to a civilian type certified aircraft; or
  - d. maintenance organizations approved/accredited by TC, the Department of National Defence (DND)/Canadian Forces Technical Airworthiness Authority or repair stations certified by the Federal Aviation Administration (FAA).
2. Category #2 - New Surplus Materiel  
Deliverable end items, unused and supplied by an entity other than Category #1 sources. Full traceability documentation back to the owner of the design or manufacturing rights to the items or their authorized manufacturer or agent/distributor is required.

3. **Category #3 - Other Condition**

Any deliverable end item condition other than Category # 1 or Category #2. Should the Bidder be offering deliverable end items in Category #3, a complete description of the item's condition and all available traceability documentation is required with the bid. Bids containing parts identified in this category are subject to evaluation by Canada.

**Deliverable End Item Grid**

Bidders must indicate the NATO Supply Code for Manufacturers or Commercial and Government Entity (NSCM/CAGE) code of the manufacturing entity under the appropriate category of the grid. For example, if a Bidder is offering a Category #1 item(s), it must indicate the NSCM number under that category as per the example below. Bidders may use additional pages to provide the complete description called up under Category #3 if necessary.

<b>Item</b>	<b>Category 1 New Materiel</b>	<b>Category 2 New Surplus Materiel</b>	<b>Category 3 Other Condition</b>
For example	NSCM: ABC12 Name: PWGSC	_____	_____
1	_____	_____	_____
2	_____	_____	_____
3	_____	_____	_____

**Requirements for Airworthiness Certification**

The requirements for airworthiness certification do not apply to the provision of standard and commercial parts. Standard and commercial parts must be accompanied by a packing slip that identifies the name and address of the supplier, the NATO stock number, identification of the manufacturing standard (e.g. SAE, NAS, AN, MS) and manufacturer's part number and model number as applicable; quantity, identification of the lot or batch number if applicable; and the cure date/shelf life if applicable.

Bidders are advised that the Contractor must provide the following airworthiness documentation, for each unit of issue, within the interior packaging or attached to the good(s) supplied under the resulting contract. Note that this requirement is in addition to documentation required in support of invoice payment or other documentation requirements identified within the Contract:

1. Category #1 and #2 military unique aviation replacement parts must have an Original Equipment Manufacturer (OEM) or an OEM's approved manufacturer's Certificate of Conformance, which includes all the following information:
  - a. positive identification of the item by type, class, style, grade, model, part number, description, nomenclature and/or serial number, as applicable;
  - b. either the following certification, or a similarly worded statement, signed by an authorized inspector, that satisfies the intent of the following:  
I certify that the aeronautical product described here conforms to the applicable design data and is in a condition for safe operations.
  - c. identification of both the authorized signatory and the organization.
  
2. Category #1 and #2 items, which have an application to a civilian type certified aircraft, must be supplied with a Certificate of Conformance, namely:
  - a. form TCCA Form One, Authorized Release Certificate, signed by a TC authorized inspector, within the two (2) years before contract award;
  - b. FAA Form 8130-3, Airworthiness Approval Tag, or a FAA Form 8130-4, Export Certificate of Airworthiness, signed by a FAA authorized inspector, within the two (2) years before contract award;

- c. European Aviation Safety Agency (EASA) Form One, Authorized Release Certificate, signed by an EASA authorized inspector, within the two (2) years before contract award; or
  - d. OEM's or OEM's approved manufacturer's Certificate of Conformance; which includes:
    - i. positive identification of the item by type, class style, grade, model, part number, description, nomenclature, and/or serial number, as applicable;
    - ii. either the following certification, or a similarly worded statement, signed by an authorized inspector, that satisfies the intent of the following:  
I certify that the aeronautical product described here conforms to the applicable design data and is in a condition for safe operations.
    - iii. identification of both the authorized signatory and organization.
3. Bidders must specify which one of the documents identified above will be provided for each item required to be supplied in response to the bid solicitation.

### 2.6.1 Military aviation replacement parts – Substitutes and Traceability

The Part Number and NATO Supply Code for Manufacturers (NSCM(s), or the Commercial And Government Entity (CAGE) code indicated in the bid solicitation are the only ones known to the Department of National Defence that meet the form, fit and function requirements of the Original Equipment Manufacturer (OEM) approved type design of the aircraft in which they will be installed. If the Bidder proposes to supply any part with an alternative Part Number or NSCM/CAGE code, the Bidder must provide, with its bid, all the technical information (e.g. drawings, specifications, engineering reports, and/or test reports) necessary to clearly demonstrate that the part proposed has the form, fit and function characteristics equivalent to the Part Number(s) and NSCM/CAGE code(s) specified in the bid solicitation.

Failure to provide the required technical information will result in the bid being declared non-responsive with respect to any part for which such information was requested.

If a part is not manufactured by the OEM of the aircraft, then it must be manufactured by an authorized supplier to the OEM or by the original manufacturer of the part chosen for use by the OEM of the aircraft (or the successor of or licensed by that original manufacturer). Canada reserves the right to verify with the OEM of the aircraft that the manufacturer of a part proposed is in fact authorized by the OEM to produce that part or supplies that part to the OEM.

If the Bidder proposes to supply any part with an alternative Part Number or NSCM/CAGE code, the Bidder must provide the following substitution notice fully completed.

#### **Substitution Notice**

- 1. Item Number: \_\_\_\_\_
- 2. Original Technical Data (as referenced below):
  - a. Part Number: \_\_\_\_\_
  - b. NSCM/CAGE code: \_\_\_\_\_
  - c. Other: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- 3. Proposed Change(s)
  - a. Part Number: \_\_\_\_\_
  - b. NSCM/CAGE code: \_\_\_\_\_

c. Other:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

4. Reason for Change/Supporting Data:

\_\_\_\_\_  
\_\_\_\_\_

The Bidder is advised that availability and retention of records of the manufacturer sufficient to constitute proof of origin will be a condition of the resulting Contract.

## **2.7 Substitute Products – Samples (Department of National Defence)**

If the Bidder offers a substitute product, Canada reserves the right to request a sample from the Bidder in order to determine its equivalency in form, fit, function, quality and performance to the item specified in the bid solicitation.

The Bidder must, upon request from the Contracting Authority, provide a sample to the Technical Authority, transportation charges prepaid, and without charge to Canada, within “**7 Calendar Days**” from the date of request. The sample submitted by the Bidder will remain the property of Canada and will not be considered as part of the deliverables in any resulting contract. If the sample does not meet the requirements of the bid solicitation or the Bidder fails to comply with the request of the Contracting Authority, the bid will be declared non-responsive



## **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.

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

Section I: Technical Bid (1 via efax or ePost)

Section II: Financial Bid (1 via efax or ePost)

Section III: Certifications (1 via efax or ePost)

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

#### **Section I: Technical Bid**

In their technical bid, Bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

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

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

Bidders should include the following information in their financial bid:

1. Their legal name;
2. The name of the contact person (including this person's mailing address, phone and facsimile numbers and email address) authorized by the Bidder to enter into communications with Canada with regards to:
  - o their bid; and any contract that may result from their bid.

**PLEASE NOTE: IF APPLICABLE, IT IS MANDATORY FOR THE BIDDER TO BID ON IDENTICAL LINE ITEMS (I.E. IDENTICAL NATO STOCK NUMBER), AS ONLY THE DELIVERY LOCATION DIFFERS**

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

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

##### **3.1.1 Electronic Payment of Invoices – Bid**

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

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

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

##### **3.1.2 Exchange Rate Fluctuation**

C3011T (2013-11-06), Exchange Rate Fluctuation

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

### **4.1 Evaluation Procedures**

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

#### **4.1.1 Technical Evaluation**

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

Bidders must explain and demonstrate how they propose to meet the mandatory technical requirements as outlined at **Annex A – Statement of Work**.

#### **4.1.2 Financial Evaluation**

[A0222T](#) (2014-06-26), Evaluation of Price-Canadian/Foreign Bidders.

### **4.2 Basis of Selection**

[A0031T](#) (2010-08-16), Basis of Selection – Mandatory Technical Criteria

#### **4.2.1 Identical Low Bids – Best Value**

If identical low bids are received, the Treasury Board Contracting Policy ([subsection 10.8.17](#)) provides that the contract should be awarded on the basis of best value. Our evaluation method, of identical low bids, will be conducted by evaluating the following terms provided by the bidder, in the order provided below, to identify the most favorable option for Canada:

- a. Delivery date offered by the bidder
- b. Time the bid was received by the bidder
- c. Track record of the bidder (after-sales service)

**ATTACHMENT 1 to PART 4, MANDATORY TECHNIAL REQUIREMENTS**

**1.0 Mandatory Technical Criteria for Tension Link Load Cells**

- 1.1 The bid must meet the mandatory technical criteria specified below. The Bidder must provide the necessary documentation to support compliance with this requirement.
- 1.2 Bids which fail to meet the mandatory technical criteria will be declared NON-RESPONSIVE and will not be evaluated further. Each mandatory technical criterion should be addressed separately.

SOW Reference	Mandatory Requirement	Evaluation Criteria	Bid Compliant? (Y/N)
3.2a	<u>Environmental Protection</u> The tension link, including integrated cable or standard connector type, must be rated to IP67 as defined by IEC 60529.	Does the bidder demonstrate that the item satisfies this requirement in their proposal and refer to the drawing and/or technical specification sheet for proof?	
3.2b	<u>Rated Load</u> The tension link must have a minimum rated load of 10,000 pounds or 4.5 metric tonnes, but not greater than 15,000 pounds or 6.8 metric tonnes.	Does the bidder demonstrate that the item satisfies this requirement in their proposal and refer to the drawing and/or technical specification sheet for proof?	
3.2c	<u>Overload or Safety Factor</u> The tension link must have minimum safe overload 1.5 times the rated load and an ultimate breaking load greater than 3 times the rated load.	Does the bidder demonstrate that the item satisfies this requirement in their proposal and refer to the drawing and/or technical specification sheet for proof?	
3.2d	<u>Bridge Excitation</u> The tension link must be capable of receiving a maximum excitation voltage of 10 volts DC.	Does the bidder demonstrate that the item satisfies this requirement in their proposal and refer to the drawing and/or technical specification sheet for proof?	
3.2e	<u>Bridge Signal Output</u> The tension link must output a millivolt per volt of excitation (mV/V) signal that is linearly proportional to the tension load	Does the bidder demonstrate that the item satisfies this requirement in their proposal and refer to the drawing and/or technical specification sheet for proof?	
3.2f	<u>Operating Temperature</u> The tension link must operate down to a temperature of -10 degrees Celsius.	Does the bidder demonstrate that the item satisfies this requirement in their proposal and refer to the drawing and/or technical specification sheet for proof?	
3.2g	<u>Accuracy</u> The tension link must have an overall accuracy of 0.3% of the full-scale output or better	Does the bidder demonstrate that the item satisfies this requirement in their proposal and refer to the drawing and/or technical specification sheet for proof?	

3.2h	<p><u>Connection Type</u> The tension link must use a four wire electrical interface to the load sensing strain gauge bridge: two wires for the bridge excitation or supply and two wires for the bridge output signal. The tension link must have an integrated cable that is a minimum of 5 meters (16 feet) long or utilize a standard connector type</p>	Does the bidder demonstrate that the item satisfies this requirement in their proposal and refer to the drawing and/or technical specification sheet for proof?	
3.2i	<p><u>Material Type</u> The tension link body must be manufactured from stainless steel or aluminum</p>	Does the bidder demonstrate that the item satisfies this requirement in their proposal and refer to the drawing and/or technical specification sheet for proof?	
3.2j	<p><u>Weight</u> The tension link must weigh no more than 8.0 pounds</p>	Does the bidder demonstrate that the item satisfies this requirement in their proposal and refer to the drawing and/or technical specification sheet for proof?	
3.2k	<p><u>Physical Interface</u> The tension link must be manufactured with integrated load shackles or have through holes on each end to accept load shackles rated for a minimum of 10,000 pounds</p>	Does the bidder demonstrate that the item satisfies this requirement in their proposal and refer to the drawing and/or technical specification sheet for proof?	
3.2l	<p><u>Calibration</u> Each tension link must come with a calibration certificate to linearly relate measured tension load to voltage signal output</p>	Does the bidder demonstrate that the item satisfies this requirement in their proposal and refer to the example calibration sheet for proof?	

**2.0 DELIVERABLES**

SOW Reference	Mandatory Requirement	Evaluation Criteria	Bid Compliant? (Y/N)
4	The Contractor must supply 16 (sixteen) tension links, including calibrating certificates, that conform to the requirements specified herein.	Does the bidder demonstrate that the item satisfies this requirement in their proposal?	

**ATTACHMENT 2 to PART 4, PRICING SCHEDULE**

The Bidder must complete the pricing schedule below and include it in its financial bid. Canada will declare a bid non-responsive, if the Bidder fails to provide a financial bid for each period. The Bidder must quote all-inclusive fixed price (in Can \$) for each of the line item identified.

The addition of any conditions or changes to the pricing schedule tables will render the financial bid non-responsive.

**1.0 Delivery of sixteen (16) tension links, including calibration certificates, as per the terms and conditions of the resulting contract**

Item	Description	Unit of Issue	Quantity	Destination Address	Quality Assurance Control	Controlled Goods	Firm Unit Price, Applicable Taxes Extra	Applicable Taxes	Delivery Lead Time	Extended Price	
1	NSN: P/N: NCAGE:	EA	16	4 Wing Cold Lake AETE Building 171 MDC Cold Lake AB Canada T9M 2C6	C	NO	\$	\$		\$	
<b>SUB TOTAL</b>									\$		
<b>APPLICABLE TAXES</b>		<b>INSERT AMOUNT AS</b>							<b>GST:</b>	\$	
									<b>HST:</b>	\$	
									<b>PST:</b>	\$	
<b>TOTAL</b>									\$		

## **PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION**

Bidders must provide the required certifications and additional information to be awarded a contract.

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare a bid non-responsive, or will declare a contractor in default if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority will render the bid non-responsive or constitute a default under the Contract.

### **5.1 Certifications Required with the Bid**

Bidders must submit the following duly completed certifications as part of their bid.

#### **5.1.1 Integrity Provisions - Declaration of Convicted Offences**

In accordance with the Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, **if applicable**, the declaration form available on the [Forms for the Integrity Regime](http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html) website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>), to be given further consideration in the procurement process.

### **5.2 Certifications Precedent to Contract Award and Additional Information**

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

#### **5.2.1 Integrity Provisions – Required Documentation**

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real 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 Work

The Contractor must perform the Work in accordance with the Statement of Work (SOW) at Annex "A".

#### 6.2.1 Condition of Material – Contract

##### *Option 1*

The Contractor must provide material that is new production of current manufacture supplied by the principal manufacturer or its accredited agent. The material must conform to the latest issue of the applicable drawing, specification and part number, as applicable, that was in effect on the bid closing date.

**OR**

##### *Option 2*

If the material is not new production of current manufacture, or is from a source other than the principal manufacturer or its accredited agent, it must be unused and in new condition, provided by an approved contractor with the latest approved modifications incorporated as applicable, and include the release notes.

Name of manufacturer: \_\_\_\_\_

Date of manufacture: \_\_\_\_\_

Cure date if the item contains elastomeric material: \_\_\_\_\_

*(NOTE TO BIDDER: To be inserted at contract award).*

### 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.

### 6.4 Term of Contract

#### 6.4.1 Contract Period

The contract period is from award to \_\_\_\_\_. *(NOTE TO BIDDER: To be inserted at contract award).*

## 6.4.2 Delivery Date

All the deliverables must be received on or before \_\_\_\_\_. (**NOTE TO BIDDER: To be inserted at contract award**).

## 6.5 Authorities

### 6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Ahmad Omary  
Material Acquisition & Support Specialist  
Department of National Defence  
Assistant Deputy Minister Materiel  
Directorate of Aerospace Procurement  
National Defence Headquarters  
101 Colonel By Drive  
Ottawa, ON  
K1K 0K2  
[Ahmad.Omary@forces.gc.ca](mailto:Ahmad.Omary@forces.gc.ca)

### 6.5.2 Technical Authority

The Technical Authority for the Contract is *to be determined*. (**NOTE TO BIDDER: To be provided at contract award**).

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

6.5.3 Contractor's Representative (**NOTE TO BIDDER: must be filled out and submitted by the Vendor with their bids**)

The person responsible for:

General enquiries:

Name: \_\_\_\_\_  
Telephone No.: \_\_\_\_\_  
Facsimile No.: \_\_\_\_\_  
E-mail address: \_\_\_\_\_

Delivery follow-up:

Name: \_\_\_\_\_  
Telephone No.: \_\_\_\_\_  
Facsimile No.: \_\_\_\_\_  
E-mail address: \_\_\_\_\_



## 6.6 Payment

### 6.6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a **firm unit price**, as specified in **Annex A**, for a cost of \$ \_\_\_\_\_ for Line Item no. \_\_. Customs duties are excluded and Applicable Taxes are extra. (*NOTE TO BIDDER: To be inserted at contract award*).

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 Electronic Payment of Invoices – Contract

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

- a. Direct Deposit (Domestic and International)

### 6.6.3 Multiple Payments

H1001C (2008-05-12) Multiple Payments

## 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 invoice must be submitted electronically to the following email address for certification and payment:
    1. DIANE.CHINNER@forces.gc.ca
  - b. One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.
  - c. One (1) copy must be forwarded to the consignee.

## 6.8 Certifications and Additional Information

### 6.8.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

## 6.9 Applicable Laws

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

## 6.10 Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- (a) the Articles of Agreement;
- (b) The [2003](#) (2020-05-28) Standard Instructions – Goods and Services – Competitive Requirements
- (c) The general conditions [2010A](#) (2020-05-28), General Conditions - Goods (Medium Complexity);
- (d) Annex A, Statement of Work;
- (e) Annex B, Basis of Payment; and
- (f) the Contractor's bid dated \_\_\_\_\_ (*insert date of bid*).

## 6.11 Defence Contract

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

## 6.12 SACC Manual Clauses

[A0301C](#) (2007-05-25) Military Aviation Replacement Parts- Maintenance of Records  
[B1202C](#) (2007-05-25) Age Control of Elastomeric Materials  
[B7500C](#) (2006-06-16) Excess Goods  
[D0050C](#) (2007-05-25) End User Certificate  
[D6010C](#) (2007-11-30) Palletization  
[D9002C](#) (2007-11-30) Incomplete Assemblies  
[G1005C](#) (2016-01-28) Insurance – No Specific Requirement

## 6.13 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](#)".

## 6.14 Packaging Requirement

The Contractor must prepare all item numbers 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 numbers in quantities of one (1) per package, and **must package** all item numbers, as located under description on **Annex A**.

[D2000C](#) (2007-11-30), Markings  
[D2001C](#) (2007-11-30), Labelling  
[D2025C](#) (2017-08-17), Wood Packing Materials

## 6.15 Quality Assurance

**D5545C** (2019-05-30), ISO 9001:2015 – Quality Management Systems - Requirement (**Quality Assurance Code C**)

## 6.16 Additional Package Markings - Identical

1. The Contractor must ensure that in addition to the required interior and exterior package markings, the following information is provided:
  - a. Serial number; and/or
  - b. Expiration date of shelf life.
2. These markings must be applied and positioned in accordance with Canadian Forces Packaging Specification D-LM-008-002/SF-001.

## 6.17 Military Aviation Replacement Parts- Airworthiness Documentation

The Contractor must provide Airworthiness Documentation, for each item, within the interior packaging or attached to the good(s) supplied:

- a. Certificate of compliance.

## 6.18 Shipping Instructions – Department of National Defence

### 6.18.1 Shipping Instructions (Department of National Defence) - Canadian-based Contractor

1. Delivery will be FCA Free Carrier at the \_\_\_\_\_ (**Please provide the name of the location, i.e. contractor's location**), Incoterms 2000. The Contractor must load the goods onto the carrier designated by the Department of National Defence (DND). Onward shipment from the delivery point to the consignee will be Canada's responsibility.
2. Before shipping the goods, the Contractor must contact the following DND Inbound Logistics Coordination Center by facsimile or e-mail, to arrange for shipment, and provide the information detailed at paragraph 3.

Inbound Logistics Co-ordination Center (ILCC)  
Telephone: 1-877-877-7423 (toll free)  
Facsimile: 1-877-877-7409 (toll free)  
E-mail: [ILHQOttawa@forces.gc.ca](mailto:ILHQOttawa@forces.gc.ca)
3. The Contractor must provide the following information to the DND Inbound Logistics Coordination Center when arranging for shipment:
  - a. the Contract number;
  - b. consignee address (for multiple addresses, items must be packaged and labelled separately with each consignee address);
  - c. description of each item;
  - d. the number of pieces and type of packaging (i.e., carton, crate, drum, skid);
  - e. actual weight and dimensions of each piece type, including gross weight;
  - f. full details of dangerous goods/hazardous products, as required for the applicable mode of transportation, signed certificates for dangerous goods/hazardous products as required for shipment by the International Maritime Dangerous Goods Code, the International Air Transport Association regulations or the applicable Canadian **Transportation of Dangerous Goods Regulations**, and a copy of the safety data sheet in English and French.

4. Following receipt of this information by Canada, Canada will provide the appropriate shipping instructions, which may include the requirement for specific consignee address labelling, and the marking of each piece with a Transportation Control Number.
5. The Contractor must not ship the goods before receiving shipping instructions from the DND Inbound Logistics contact.
6. If the Contractor delivers the goods at a place and time which are not in accordance with the given delivery instructions or fail to fulfill reasonable delivery instructions given by Canada, the Contractor must reimburse Canada any additional expenses and costs incurred.
7. If Canada is responsible for delays in delivering the goods, ownership and risk will be transferred to Canada upon expiry of either 30 days following the date on which a duly completed shipping application is received by Canada or by its appointed forwarding agent, or 30 days following the delivery date specified in the Contract, whichever is later.

## ANNEX "A"

### STATEMENT OF WORK

#### 1. Scope

##### 1.2 Purpose

In support of project 2018-019, the Aerospace Engineering Test Establishment (AETE) is required to measure the tension loads in the lashing chains that hold the Dummy Load Test Vehicle (DLTV) to the flight deck of the Arctic Offshore Patrol Vehicle (AOPV). The DLTV will be lashed to the flight deck tie-down point using a maximum of 14 lashing chains (P/N MB-1 or CGU-4/E). For each lashing chain, a tension link load cell will be installed in-line with the lashing chain to measure tension loads. This document defines the technical specifications for the tension link load cell.

##### 1.1 Background

As part of the CH148 Cyclone AOPV Ship Helicopter Operating Limits (SHOL) testing under AETE project 2018-019, a lashing pattern must be certified to keep the CH148 helicopter safely on the AOPV flight deck in all sea states. The DLTV is a steel structure that represents the mass and inertia of the CH148 so that an actual flight asset is not needed for lashing trials. Previous tension load measurements during CH148 lashing trials on the Halifax-class Frigate were completed by Sikorsky, and a similar approach will be taken by AETE for lashing trials on the AOPV. The lashing chains are rated to 10,000 pounds, or 4.53 metric tons.

##### 1.2 Definitions

Acronyms used in this document. The acronyms used in this document are defined as follows:

DGAEPM	Director General Aerospace Equipment Program Management
DND	The Department of National Defence
FOB	Free on Board
FTI	Flight Test Instrumentation
FY	Fiscal Year

Identification of Requirements. Throughout the document, mandatory requirements will be identified by the use of the term must.

The tension link load cell can also be referred to as a load link or tension load cell, and will hereafter be referred to as a tension link.

#### 2. Applicable Documents

ANSI/IEC 60529-2004, American National Standard for Degrees of Protection Provided by Enclosures (IP Code).

#### 3. Requirements

##### 3.1 Specifications

- a. Environmental Protection. The tension link, including integrated cable or standard connector type, must be rated to IP67 as defined by IEC 60529.
- b. Rated Load. The tension link must have a minimum rated load of 10,000 pounds or 4.5 metric tonnes, but not greater than 15,000 pounds or 6.8 metric tonnes.

- c. **Overload or Safety Factor.** The tension link must have minimum safe overload 1.5 times the rated load and an ultimate breaking load greater than 3 times the rated load.
- d. **Bridge Excitation.** The tension link must be capable of receiving a maximum excitation voltage of 10 volts DC.
- e. **Bridge Signal Output.** The tension link must output a millivolt per volt of excitation (mV/V) signal that is linearly proportional to the tension load.
- f. **Operating Temperature.** The tension link must operate down to a temperature of -10 degrees Celsius.
- g. **Accuracy.** The tension link must have an overall accuracy of 0.3% of the full-scale output or better.
- h. **Connection Type.** The tension link must use a four wire electrical interface to the load sensing Strain Gauge Bridge: two wires for the bridge excitation or supply and two wires for the bridge output signal. The tension link must have an integrated cable that is a minimum of 5 meters (16 feet) long or utilize a standard connector type.
- i. **Material Type.** The tension link body must be manufactured from stainless steel or aluminum.
- j. **Weight.** The tension link must weigh no more than 8.0 pounds.
- k. **Physical Interface.** The tension link must be manufactured with integrated load shackles or have through holes on each end to accept load shackles rated for a minimum of 10,000 pounds.
- l. **Calibration.** Each tension link must come with a calibration certificate to linearly relate measured tension load to voltage signal output.

### **3.2 Client Support**

1. **Warranty.** The contractor must provide a standard product warranty for a minimum of one year following final customer acceptance.
2. **Technical Support.** The contractor must provide remote technical support for the life of the product.
3. **Documentation.** The contractor must provide technical documentation (e.g., manuals, datasheets) for tension link type and certificates for each tension link.

## **4. PACKAGING INSTRUCTIONS**

### **4.1 Technical Data Package**

The following data must be provided with the bid proposal:

- (a) A copy of the drawing of the proposed tension link load cell;
- (b) A copy of the technical specifications of the proposed tension link load cell; and
- (c) A copy of an example calibration certificate that will be provided with each tension link load cell.

## **5. Deliverables**

The contractor must deliver sixteen (16) Tension Link Load Cells, including calibration certificates, as per the terms and conditions of the contract.

**ANNEX "B"**  
**BASIS OF PAYMENT**

Item	Description	Unit of Issue	Quantity	Destination Address	Quality Assurance Control	Controlled Goods	Firm Unit Price, Applicable Taxes Extra	Applicable Taxes	Delivery Lead Time	Extended Price	
1	NSN:  P/N:  NCAGE:	EA	16	4 Wing Cold Lake AETE Building 171 MDC Cold Lake AB Canada T9M 2C6	C	NO	\$	\$		\$	
<b>SUB TOTAL</b>									\$		
<b>APPLICABLE TAXES</b>								<b>INSERT AMOUNT AS</b>			
								<b>GST:</b>		\$	
								<b>HST:</b>		\$	
								<b>PST:</b>		\$	
<b>TOTAL</b>									\$		

**ANNEX “C” to PART 3 OF THE BID SOLICITATION  
ELECTRONIC PAYMENT INSTRUMENTS**

The Bidder accepts any of the following Electronic Payment Instrument(s):

( ) Direct Deposit (Domestic and International).