

**REQUEST FOR PROPOSAL /  
DEMANDE DE PROPOSITION**

**RETURN BIDS BY EMAIL TO:  
RETOURNER LES SOUMISSIONS PAR  
COURRIEL À :**

**[Melissa.WatsonShotton@forces.gc.ca](mailto:Melissa.WatsonShotton@forces.gc.ca)**

**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).

<b>Title/Titre</b> Chain Lashings and Leader Hook Assemblies		<b>Solicitation No – N° de l'invitation</b> W8470 - 215024/B	
<b>Date of Solicitation – Date de l'invitation</b> 02 March 2021			
<b>Address Enquiries to – Adresser toutes questions à</b>  Melissa Watson Shotton Procurement and Finance Officer-MHP, DAP 9-5-3 Melissa.WatsonShotton@forces.gc.ca			
<b>Telephone No. – N° de téléphone</b>  819-939-4958		<b>FAX No – N° de fax</b>	
<b>Destination</b>  SEE HEREIN			

**Instructions:**

**Municipal taxes are not applicable. Unless otherwise specified herein all prices quoted must include all applicable Canadian customs duties, GST/HST, excise taxes and are to be delivered Delivery Duty Paid including all delivery charges to destination(s) as indicated. The amount of the Goods and Services Tax/Harmonized Sales Tax is to be shown as a separate item.**

**Instructions: Les taxes municipales ne s'appliquent pas. Sauf indication contraire, les prix indiqués doivent comprendre les droits de douane canadiens, la TPS/TVH et la taxe d'accise. Les biens doivent être livrés « rendu droits acquittés », tous frais de livraison compris, à la ou aux destinations indiquées. Le montant de la taxe sur les produits et services/taxe de vente harmonisée doit être indiqué séparément.**

<b>Delivery required - Livraison exigée</b>  ASAP	<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 _____	

**Solicitation Closes –  
L'invitation prend fin**

At – à : 2:00 pm Eastern Daylight Time (EDT)  
14:00 Heure avancée de l'Est (HAE)

On - le : 9 March 2021  
9 March 2021

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## **PART 1 - GENERAL INFORMATION**

### **1.1 Security Requirements**

There are no security requirements for this requirement.

### **1.2 Statement of Requirement**

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

### **1.3 Debriefings**

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

### **1.4 Trade Agreements**

The requirement is subject to the provisions of the following Trade Agreements:

- Canadian Free Trade Agreement (CFTA)
- World Trade Organization Agreement on Government Procurement (WTO-AGP)
- Canada-European Union Comprehensive Economic and Trade Agreement (CETA)

Bilateral Agreements:

- Canada-Chile Free Trade Agreement
- Canada-Colombia Free Trade Agreement
- Canada-Honduras Free Trade Agreement
- Canada-Korea Free Trade Agreement
- Canada-Panama Free Trade Agreement
- Canada-Peru Free Trade Agreement
- Canada-Ukraine Free Trade Agreement

## **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

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

[B1000T](#) (2014-06-26), Conditions of Material – Bid

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

### **2.1.2 Best Delivery Date - Bid**

While delivery is requested as soon as possible, the best delivery that could be offered is \_\_\_\_\_.

### **2.2 Submission of Bids**

a. Unless specified otherwise in the RFP or otherwise directed by the Contracting Authority, bids must be submitted to the Department of National Defence organization by electronic mail by the date and time indicated on page 1 of the solicitation.

**b. Electronic Submissions: Individual e-mails that may include certain scripts, formats, embedded macros and/or links, or those that exceed five (5) megabytes may be rejected by Canada's e-mail system and/or firewall(s) without notice to the Bidder or Contracting Authority.** Larger bids may be submitted through more than one e-mail. Canada will confirm receipt of documents. It is the Bidder's responsibility to ensure that their entire submission has been received. Bidders should not assume that all documents have been received unless Canada confirms receipt of each document. In order to minimize the potential for technical issues, bidders are requested to allow sufficient time before the closing date and time to confirm receipt. Bid documents **submitted** after the closing time and date will not be accepted.

### **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 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.

Item	Category 1 New Materiel	Category 2 New Surplus Materiel	Category 3 Other Condition
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.

### **2.5.1 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, either with its bid or within three (3) working days following receipt of a request from the Contracting Authority, 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

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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.

**2.6 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 **“10 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

**2.7 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**

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

Section I: Technical Bid: one (1) soft copy submitted by e-mail;

Section II: Financial Bid: one (1) soft copy submitted by e-mail;

Section III: Certifications: one (1) soft copy submitted by e-mail; and

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

Canada requests that Bidders use a numbering system that corresponds to that of the bid solicitation.

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

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

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

Bidders must submit their financial bid in accordance with the Basis of Payment.

##### **3.1.1 Pricing - Multi-Item Bid Solicitation**

Bidders must quote a price for each item (with a NATO Stock Number - NSN) in order for the bid to be evaluated.

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

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

If Annex “E” 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.

##### **3.1.3 Exchange Rate Fluctuation**

[C3011T](#) (2013-11-06), Exchange Rate Fluctuation

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

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

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

### **4.1 Evaluation Procedures**

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

#### **4.1.1 Technical Evaluation**

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

Please see Annex F for Mandatory Technical Criteria.

#### **4.1.2 Financial Evaluation**

The price of the bid will be evaluated in Canadian dollars, Applicable Taxes excluded, FCA Free carrier, Canadian customs duties and excise taxes excluded.

### **4.2 Basis of Selection**

#### **4.2.1 Mandatory Technical Criteria**

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 total evaluated price*** will be recommended for award of a contract. In the event two or more responsive bids have the same lowest evaluated price, the responsive bid with the ***shortest lead delivery time*** will be recommended for contract award.

## **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 Integrity 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 specified 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

There is no security requirement applicable to the Contract.

### 6.2 Statement of Requirement

The Contractor must provide quantity 12 ship sets of chain lashing assemblies and leader hook assemblies as detailed under the "Requirement" at Annex A.

#### 6.2.1 Condition of Material – Contract

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.

#### 6.2.2 Optional Goods and/or Services

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both described at 6.2.2 a) of the Contract under the same conditions and at the prices and/or rates stated in the Contract. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

The Contracting Authority may exercise the option at any time before the expiry of the Contract by sending a written notice to the Contractor.

##### a) Option to Acquire Additional Goods

<b>Chain Lashing Assembly</b> 20 ship sets with two length variations (20 sets of 30 assemblies =600 assemblies)	
<b>Quantity (up to...)</b>	<b>Chain length</b>
600 assemblies with:	
200	220 inches
400	144 inches
<b>Leader Hook Assembly</b> 20 ship sets (20 sets of 8 assemblies =160 assemblies)	
<b>Quantity (up to...)</b>	
160 assemblies	

### 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 - Medium Complexity - Goods, apply to and form part of the Contract.

### 6.4 Term of Contract

#### 6.4.1 Period of the Contract

The period of the Contract is from date of Contract to \_\_\_\_\_ inclusive. *(end date to be specified in resulting contract.)*

#### 6.4.2 Delivery Date

All the deliverables must be received on or before \_\_\_\_\_ from Contract signature. *(delivery date to be specified in resulting contract.)*

#### 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:

Name: Melissa Watson Shotton  
Title: MHP PMF, DAP 9-5-3  
Department of National Defense  
Directorate: DAP 9-MHP  
Address: 101 Colonel By Drive  
Ottawa, ON K1A0K2  
Telephone: 819-939-4958  
E-mail address: Melissa.WatsonShotton@forces.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

The Technical Authority for the Contract is: *(to be specified in resulting contract)*

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

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

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The Technical 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 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

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

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

## 6.6 Payment

### 6.6.1 Basis of Payment

For the Work described in para. 4 of the Requirement in Annex A:

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm unit price(s), as specified in Annex C for a cost of \$ \_\_\_\_\_ (*insert the amount at contract award*) in Canadian Dollars, Customs duties excluded, and Applicable Taxes 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 Limitation of Price

SACC *Manual* clause [C6000C](#) (2017-08-17) Limitation of Price

### 6.6.3 Method of Payment

[H1001C](#) (2008-05-12), Multiple Payments

### 6.6.4 Electronic Payment of Invoices – Contract

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);
- e. Wire Transfer (International Only);
- f. Large Value Transfer System (LVTS) (Over \$25M)

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## 6.7 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:
  - a. The original and one (1) copy must be forwarded to the following address for certification and payment:  
Attn: Formation Commander  
HMC Dockyard  
Building D-206, Door 1 thru 13,  
Halifax, Nova Scotia  
B3K 5X5  
  
Or  
  
Esquimalt Harbour Management Authority  
Building 262 Dockyard  
Queen's Harbour Master  
Canadian Forces Base Esquimalt  
PO Box 17000 Stn Forces  
Victoria BC V9A 7N2
  - b. One (1) copy must be forwarded via e-mail 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 \_\_\_\_\_ (*insert the name of the province or territory as specified by the Bidder in its bid, if applicable*).

## 6.10 Priority of Documents

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

- (a) the Articles of Agreement;
- (b) the general conditions, 2010A (2020-05-28); General Conditions - Medium Complexity - Goods, apply to and form part of the Contract;
- (c) Annex A, Statement of Requirement;
- (d) Annex B, Basis of Payment;
- (f) Annex C, Security Requirements Check List;
- (g) the Contractor's bid dated \_\_\_\_\_, (*insert date of bid*).



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## 6.11 Defence Contract

SACC Manual clause [A9006C](#) (2012-06-16) Defence Contract  
SACC Manual clause [A9062C](#) (2011-05-16), Canadian Forces Site Regulations  
SACC Manual clause [C2000C](#) (2007-11-30) Taxes - Foreign-based Contractor  
SACC Manual clause [A0222T](#) (2014-06-26) Evaluation of Price - Canadian / Foreign Bidders

SACC Manual clause [A0301C](#) (2007-05-25) Military Aviation Replacement Parts - Maintenance of Records  
SACC Manual clause [C2608C](#) (2019-05-30) Canadian Customs Documentation  
SACC Manual clause [C2605C](#) (2008-05-12) Canadian Customs Duties and Sales Tax - Foreign-based Contractor  
SACC Manual clause [D0050C](#) (2007-05-25) End User Certificate

## 6.12 Insurance

SACC Manual clause [G1005C](#) (2016-01-28) Insurance - No Specific Requirement

## 6.13 Packaging Requirement

SACC Manual clause [D2000C](#) (2007-11-30), Marking  
SACC Manual clause [D2001C](#) (2007-11-30), Labelling  
SACC Manual clause [D6010C](#) (2007-11-30), Palletization  
SACC Manual clause [D2025C](#) (2017-08-17), Wood Packaging Materials  
SACC Manual clause [D9002C](#) (2007-11-30), Incomplete Assemblies  
SACC Manual clause [B7500C](#) (2006-06-16), Excess goods

The Contractor must prepare all items 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.

## 6.14 Shipping Instructions - (Department of National Defence): Foreign-based contractors

1. Delivery will be FCA Free Carrier at \_\_\_\_\_ (**insert the named place, e.g. Contractor's facility**) 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.
  - a. Insert the following when the Contractor is located in the United States (U.S.):  
Inbound Logistics Coordination Center (ILCC):  
Telephone: 1-877-447-7701 (toll free)  
Facsimile: 1-877-877-7409 (toll free)  
E-mail: [ILHQOttawa@forces.gc.ca](mailto:ILHQOttawa@forces.gc.ca)  
OR
  - b. Insert the following when the Contractor is located in United Kingdom (UK) and Ireland:  
Inbound Logistics United Kingdom (ILUK):  
Telephone: 011-44-1895-613023, or 011-44-1895-613024, or

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Facsimile: 011-44-1895-613046

E-mail: [CFSUEDetUKMovements@forces.gc.ca](mailto:CFSUEDetUKMovements@forces.gc.ca)

In addition, the Contractor must send to ILUK the completed form "Shipping Advice and Export Certificate" by e-mail to:

[CFSUEDetUKMovements@forces.gc.ca](mailto:CFSUEDetUKMovements@forces.gc.ca).

The shipment of any items above the value of 600 GBP (pound sterling) being exported from the United Kingdom and Ireland will be cleared by DND using Her Majesty's Customs & Excise (HMCE) New Export Systems (NES). The Contractor must comply with HMCE requirements by registering with HMCE or by having a freight forwarder complete the entry. A printed copy of the NES entry Export Declaration clearly displaying the Declaration Unique Consignment Reference Number must be provided by the Contractor and attached to the consignment. The Contractor must ensure that this procedure is carried out for all stores whether they be initial purchase or repair and overhaul export items. HMCE will authorize Canadian Forces Support Unit (Europe) to ship the goods only if the procedure has been adhered to completely and properly by the Contractor. **Note:** To ensure you receive a reply on any contracting information such as Incoterms etc, always include the e-mail address: [ILHQcontract-ILHQcontrat@forces.gc.ca](mailto:ILHQcontract-ILHQcontrat@forces.gc.ca) in carbon copy (cc).

OR

- c. Insert the following when the Contractor is located in a country other than Canada, the U.S., the UK and Ireland:  
Inbound Logistics Europe Area (ILEA):  
Telephone: +49-(0)-2203-908-1807 or 2748 or 5304  
Facsimile: +49-(0)-2203-908-2746  
Email: [ILEA@forces.gc.ca](mailto:ILEA@forces.gc.ca)  
**Note:** To ensure you receive a reply on any contracting information such as Incoterms etc, always include the e-mail address: [ILHQcontract-ILHQcontrat@forces.gc.ca](mailto:ILHQcontract-ILHQcontrat@forces.gc.ca) in carbon copy (cc).  
OR
  - d. Insert the following for U.S. Foreign Military Sales (FMS):  
Inbound Logistics Coordination Center (ILCC):  
Telephone: 1-877-447-7701 (toll free)  
Facsimile: 1-877-877-7409 (toll free)  
Email: [ILHQOttawa@forces.gc.ca](mailto:ILHQOttawa@forces.gc.ca)  
Canada is responsible for the carrier selection for shipments of the goods supplied under this FMS contract. Instructions on how to obtain carrier selection from Canada are contained in U.S. Department of Defense 4000.25-8-M, Military Assistance Program Address Directory, and Canadian Special Instructions Indicator (SII). The Contractor must not ship the goods until the SII has been complied with.
3. The Contractor must provide the following information to the DND Inbound Logistics contact when arranging for shipment:
    - a. the Contract number;

- 
- b. consignee address (if multiple addresses, items must be packaged and labeled separately with each consignee address);
  - c. description of each item;
  - d. the number of pieces and type of packaging (e.g. carton, crate, drum, skid);
  - e. actual weight and dimensions of each piece type, including gross weight;
  - f. copy of the commercial invoice (in accordance with clause [C2608C](#), section 4, of the [Standard Acquisition Clauses and Conditions Manual](#)) or a copy of the Canada Border Services Agency form C11 [Canada Customs Invoice](#) (PDF 429KB) - ([Help on File Formats](#));
  - g. [Schedule B](#) codes (for exports) and the Harmonized Tariff Schedule codes (for imports);
  - h. Canada-United States-Mexico Agreement Certification of Origin (in accordance with clause [C2608C](#), section 2) for the U.S. and Mexico only;
  - i. full details of dangerous material, as required for the applicable mode of transportation, signed certificates for dangerous material as required for shipment by the International Maritime Dangerous Goods Code, or International Air Transport Association regulations or the applicable Canadian [Dangerous Goods Shipping Regulations](#) and a copy of the safety data sheet.
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, the marking of each piece with a Transportation Control Number and customs documentation.
  5. The Contractor must not ship goods before receiving shipping instructions from the DND Inbound Logistics contact.
  6. If the Contractor delivers the goods at a place and time that 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.

OR

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

1. Delivery will be FCA Free Carrier at \_\_\_\_\_ (*Insert the named place, e.g. Contractor's facility*) 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.
  - a. *Insert the following for all sole source contracts, except repair and overhaul, where the Contractor is located in Canada:*  
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)
  - b. *Insert the following for all repair and overhaul contracts where the Contractor is located between Kingston inclusive and westward to the Ontario/Manitoba border:*  
Inbound Logistics Central Area (ILCA)  
Telephone: 1-866-371-5420 (toll free)  
Facsimile: 1-866-419-1627 (toll free)  
E-mail: [ILCA@forces.gc.ca](mailto:ILCA@forces.gc.ca)
  - c. *Insert the following for all repair and overhaul contracts where the Contractor is located in Manitoba, Saskatchewan, Alberta, British Columbia, and the National Capital Region inclusive to east of Kingston:*  
Inbound Logistics Coordination 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)
  - d. *Insert the following for all repair and overhaul contracts where the Contractor is located in Quebec:*  
Inbound Logistics Quebec Area (ILQA)  
Telephone: 1-866-935-8673 (toll free), or  
1-514-252-2777, ext. 4673, 2852  
Facsimile: 1-866-939-8673 (toll free), or  
1-514-252-2911  
E-mail: [25DAFCTrafficQM@forces.gc.ca](mailto:25DAFCTrafficQM@forces.gc.ca)
  - e. *Insert the following for all repair and overhaul contracts where the Contractor is located in Atlantic (New Brunswick, Prince Edward Island, Nova Scotia, Newfoundland and Labrador):*  
Inbound Logistics Atlantic Area (ILAA)  
Telephone: 1-902-427-1438

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Facsimile: 1-902-427-6237  
E-mail: [BlogLAA@forces.gc.ca](mailto:BlogLAA@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.

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.

#### **6.15 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.

#### **6.16 Quality Assurance**

SACC Manual clause [D5545C](#) (2010-08-16), ISO 9001:2008 – Quality Management Systems Requirement (Quality Assurance Code C)

SACC Manual clause [D5515C](#) (2010-01-11), Quality Assurance Authority (Department of National Defence) Foreign Based and United States Contractors

SACC Manual clause [D5605C](#) (2010-01-11), Release Documents (Department of National Defence) – United States based Contractor

SACC Manual clause [D5620C](#) (2012-07-16), Release Documents - Distribution

### **6.17 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](#)".

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## ANNEX A STATEMENT OF REQUIREMENT

### 1. GENERAL

- 1.1. Objective: The objective of this Statement of Requirement (SOR) is to detail the chain lashing and leader hook assemblies for the CH148 aircraft onboard Canadian ships. This SOR is for a five (5) year contract for the purchase of quantity 12 ship sets of 10 long chain lashing assemblies, 20 short chain lashing assemblies and quantity eight (8) leader hook assemblies to support the initial operations of the Canadian Patrol Frigates (CPF's), the new Arctic Off-Shore Patrol Vessels (AOSPV's) and the new Joint Support Ships (JSS's). This requirement includes the option to purchase up to quantity 20 additional ship sets.
- 1.2. Background: The Maritime Helicopter Project (MHP) is procuring twenty-eight (28) helicopters capable of operating from 12 Royal Canadian Navy (RCN) frigates. It has been identified that the legacy chain lashing assemblies that were utilized for the CH124 Sea King helicopter operations are not fit for the new aircraft. The RCN/RCAF will require new chain lashing and leader hook assemblies in support of the CH148 deployments aboard Canadian Patrol Frigates.

### 2. REFERENCE DOCUMENTS

- 2.1. CH148 Leader Hook Configuration (Appendix 1)
- 2.2. Drawings: Hook, Tie Down Assembly, and Tie Down Moorings on ship deck and aircraft (Appendix 2)
- 2.3. C-39-010-001/NW-001 SHIPBOARD HELICOPTER TIE DOWN CHAINS (Appendix 3)

### 3. SPECIFICATIONS

- 3.1. A chain lashing assembly must consist of one (1) chain, one (1) simple end hook and one (1) tensioner assembly, assembled as a unit.
- 3.2. A leader hook assembly must consist of one (1) simple hook with an eye fitting and one (1) shackle.
- 3.3. One ship set of lashings is defined as quantity 10 long chain lashings, quantity 20 short chain lashings, and quantity eight (8) leader hook assemblies.
- 3.4. A chain lashing assembly must not make contact at any point on the CH148 aircraft or RCN ship flight deck except the mooring points when installed. There will be no more than 12 inches of slack at the center of the chain when installed to account for movement of CH148 when on the ship deck.
- 3.5. Canadian Patrol Frigates (CPF) deck sockets are Peck and Hale P/N PH285M equivalent to P/N PH285N-1, NSN 5340-21-871-5971.
- 3.6. Aircraft mooring point are Sikorsky part number 70209-05011-101, NSN: 1730-01-08-9269.

### 4. REQUIREMENT

Contractor shall provide:

- 4.1 Quantity 360 chain lashing assemblies that must meet the following specifications:
  - 4.1.1 Working Load of at least 10,000lb<sub>f</sub> as proven by certificate of test and compliance to test defined in Reference 2.3.

- 4.1.2 One (1) simple hook end fitting, NSN: 4030-01-653-3586 and P/N H287-1 or equivalent, capable of having two (2) hooks fit in the Aircraft mooring point and the deck sockets on the CPFs.
- 4.1.3 One (1) Peck and Hale PH4014 series tensioner assembly end fitting, NSN 1670-00-212-1149, (or an alternate style approved by DND) capable of having two (2) hooks fitted in the deck sockets on the CPF's (para. 3.4)
- 4.1.4 120 of the chain lashings shall have a working length of at least 220 inches long.
- 4.1.5 240 of the chain lashings shall have a working length of at least 144 inches long.

4.2 Quantity 96 leader hook assemblies **H269-3** as follows:

- 4.2.1 One (1) Hook, Hoist, Reference Number/NCAGE: 1022406/75535 – Crosby Group Inc, NSN: 4030-01-671-7119 (or approved equivalent style)
- 4.2.2 One (1) Shackle, Reference Number/NCAGE: 1019533/75535 – Crosby Group Inc, NSN: 4030-01-386-1997 (or approved equivalent style)
- 4.2.3 Working load of at least 6000lbf.

4.3 Two (2) hard copies and one (1) soft copy of the assembly drawings for the chain lashing and leader hook assemblies.

4.4 Two (2) hard copies and one (1) soft copy of the Operation and Maintenance documentation.

**4.5 Optional Goods and Services**

4.5.1 Additional Purchase of 20 ship sets of Chain Lashing Assemblies and Leader Hook Assemblies:

- 4.5.1.1 Option to purchase up to a quantity of 200 of the 220 inch length chain lashing assemblies (para. 4.1.4) for duration of contract.
- 4.5.1.2 Option to purchase up to a quantity of 400 of the 144 inch length chain lashing assemblies (para. 4.1.5) for duration of contract.
- 4.5.1.3 Option to purchase up to a quantity of 160 leader hook assemblies (para 4.2) for duration of contract.

**5.0 DELIVERY INSTRUCTIONS**

5.1 The Supplier(s) shall deliver the chain lashing and leader hook assemblies to one or both of the address below:

Formation Commander HMC Dockyard Building D-206, Door 1 thru 13, Halifax, Nova Scotia B3K 5X5	Esquimalt Harbour Management Authority Building 262 Dockyard Queen's Harbour Master Canadian Forces Base Esquimalt PO Box 17000 Stn Forces Victoria BC V9A 7N2
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5.2 The Supplier(s) shall deliver all drawings and Operations and Maintenance documentation (para. 4.3 and 4.4) :

National Defence Headquarters  
101 Colonel By Dr,  
Ottawa ON  
K1A 0K2  
POC: Bradley Thornton  
ADM(Mat) DGAEPM PMO MHP SEM-4  
819-939-0090 (72 Laval 513)



**ANNEX B - ITEM DETAILS**

Item	Description	UoI	Qty / Qté	QAC	Controlled goods	Destination Address	
	<b>Leader Hook Assembly</b>					<b>**Destination to be specified at time of order**</b>	
1	NSN: 4030-01-671-7119 HOOK,HOIST  <u>Acceptable P/N : NCAGE</u> Part Number: 1022406: 75535	EA	96		No	Formation Commander HMC Dockyard Building D-206, Door 1 thru 13, Halifax, Nova Scotia B3K 5X5	Esquimalt Harbour Management Authority Building 262 Dockyard Queen's Harbour Master Canadian Forces Base Esquimalt PO Box 17000 Stn Forces Victoria BC V9A 7N2
2	NSN: 4030-01-386-1997 Shackle  <u>Acceptable P/N : NCAGE:</u> 1019533: 75535	EA	96	C	No	Formation Commander HMC Dockyard Building D-206, Door 1 thru 13, Halifax, Nova Scotia B3K 5X5	Esquimalt Harbour Management Authority Building 262 Dockyard Queen's Harbour Master Canadian Forces Base Esquimalt PO Box 17000 Stn Forces Victoria BC V9A 7N2
	<b>Chain Lashing Assembly</b>						
3	NSN: 4030-01-653-3586 Simple Hook Fitting  P/N H287-1 or equivalent	EA	360			Formation Commander HMC Dockyard Building D-206, Door 1 thru 13, Halifax, Nova Scotia B3K 5X5	Esquimalt Harbour Management Authority Building 262 Dockyard Queen's Harbour Master Canadian Forces Base Esquimalt PO Box 17000 Stn Forces Victoria BC V9A 7N2

4	NSN: 1670-00-212-1149 Tensioner Assembly  <u>Acceptable P/N NCAGE</u> PH4014 94658 or equivalent	EA	360	C	No	Formation Commander HMC Dockyard Building D-206, Door 1 thru 13, Halifax, Nova Scotia B3K 5X5	Esquimalt Harbour Management Authority Building 262 Dockyard Queen's Harbour Master Canadian Forces Base Esquimalt PO Box 17000 Stn Forces Victoria BC V9A 7N2
5	Chain lashings with working length 220 inches long	EA	120			Formation Commander HMC Dockyard Building D-206, Door 1 thru 13, Halifax, Nova Scotia B3K 5X5	Esquimalt Harbour Management Authority Building 262 Dockyard Queen's Harbour Master Canadian Forces Base Esquimalt PO Box 17000 Stn Forces Victoria BC V9A 7N2
6	Chain lashings with working length 144inches long	EA	240			Formation Commander HMC Dockyard Building D-206, Door 1 thru 13, Halifax, Nova Scotia B3K 5X5	Esquimalt Harbour Management Authority Building 262 Dockyard Queen's Harbour Master Canadian Forces Base Esquimalt PO Box 17000 Stn Forces Victoria BC V9A 7N2
7	Assembly drawings for Chain Lashings and Leader Hook assemblies	EA	2 hard copy  1 soft copy			National Defence Headquarters 101 Colonel By Dr, Ottawa ON K1A 0K2 POC: Bradley Thornton ADM(Mat) DGAEPM PMO MHP SEM-4 819-939-0090 (72 Laval 513)	

8	Operation and Maintenance documentation	EA	2 hard copy 1 soft copy		National Defence Headquarters 101 Colonel By Dr, Ottawa ON K1A 0K2 POC: Bradley Thornton ADM(Mat) DGAEPM PMO MHP SEM-4 819-939-0090 (72 Laval 513)
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**ANNEX C - BASIS OF PAYMENT**

**1.0 Contract Period and Option Periods**

1.1 The Initial purchase for delivery \_\_\_\_\_ after contract award.

Item	Description	UoI	Qty	Destination Address		Estimated Delivery Date	Unit price	Extended price
	<b>Leader Hook Assembly</b>			<b>**Destination to be specified at time of order**</b>				
1	NSN: 4030-01-671-7119 HOOK,HOIST  <u>Acceptable P/N : NCAGE</u> Part Number: 1022406: 75535	EA	96	Formation Commander HMC Dockyard Building D-206, Door 1 thru 13, Halifax, NS B3K 5X5	Esquimalt Harbour Management Authority Building 262 Dockyard Queen's Harbour Master Canadian Forces Base Esquimalt PO Box 17000 Stn Forces Victoria BC V9A 7N2		\$ _____	\$ _____
2	NSN: 4030-01-386-1997 Shackle  <u>Acceptable P/N : NCAGE:</u> 1019533: 75535	EA	96	Formation Commander HMC Dockyard Building D-206, Door 1 thru 13, Halifax, NS B3K 5X5	Esquimalt Harbour Management Authority Building 262 Dockyard Queen's Harbour Master Canadian Forces Base Esquimalt PO Box 17000 Stn Forces Victoria BC V9A 7N2		\$ _____	\$ _____
	<b>Chain Lashing Assembly</b>						\$ _____	\$ _____
3	NSN: NSN: 4030-01-653- 3586 Simple Hook Fitting P/N H287-1 or equivalent Alternate P/N: _____	EA	360	Formation Commander HMC Dockyard Building D-206, Door 1 thru 13, Halifax, NS B3K 5X5	Esquimalt Harbour Management Authority Building 262 Dockyard Queen's Harbour Master Canadian Forces Base Esquimalt PO Box 17000 Stn Forces Victoria BC V9A 7N2		\$ _____	\$ _____

4	NSN: 1670-00-212-1149 Tensioner Assembly <u>Acceptable P/N NCAGE</u> PH4014 94658 or equivalent Alternate P/N: _____	EA	360	Formation Commander HMC Dockyard Building D-206, Door 1 thru 13, Halifax, NS B3K 5X5	Esquimalt Harbour Management Authority Building 262 Dockyard Queen's Harbour Master Canadian Forces Base Esquimalt PO Box 17000 Stn Forces Victoria BC V9A 7N2	\$ _____	\$ _____
5	Chain lashings with working length 220 inches long	EA	120	Formation Commander HMC Dockyard Building D-206, Door 1 thru 13, Halifax, NS B3K 5X5	Esquimalt Harbour Management Authority Building 262 Dockyard Queen's Harbour Master Canadian Forces Base Esquimalt PO Box 17000 Stn Forces Victoria BC V9A 7N2	\$ _____	\$ _____
6	Chain lashings with working length 144inches long	EA	240	Formation Commander HMC Dockyard Building D-206, Door 1 thru 13, Halifax, NS B3K 5X5	Esquimalt Harbour Management Authority Building 262 Dockyard Queen's Harbour Master Canadian Forces Base Esquimalt PO Box 17000 Stn Forces Victoria BC V9A 7N2	\$ _____	\$ _____
7	Assembly drawings for Chain Lashings and Leader Hook assemblies	EA	2 hard copy  1 soft copy	National Defence Headquarters 101 Colonel By Dr, Ottawa ON K1A 0K2 POC: Bradley Thornton DGAEPM PMO MHP SEM-4 (72 Laval 513)		\$ _____	\$ _____

8	Operation and Maintenance documentation	EA	2 hard copy 1 soft copy	National Defence Headquarters 101 Colonel By Dr, Ottawa ON K1A 0K2 POC: Bradley Thornton DGAEPM PMO MHP SEM-4 (72 Laval 513)		\$ _____	\$ _____
						<b>Sub-total</b>	
						<b>Tax</b> _____	
						<b>Total</b>	

**1.2 Option to Purchase additional goods:** This section is only applicable if the option to purchase is exercised by Canada.

Item	Description	Uol	Qty	Destination Address		Unit price	Extended price
	<b>Leader Hook Assembly</b>			<b>**Destination to be specified at time of order**</b>			
1	NSN: 4030-01-671-7119 HOOK,HOIST  <u>Acceptable P/N :</u> <u>NCAGE</u> Part Number: 1022406: 75535	EA	160	Formation Commander HMC Dockyard Building D-206, Door 1 thru 13, Halifax, NS B3K 5X5	Esquimalt Harbour Management Authority Building 262 Dockyard Queen's Harbour Master Canadian Forces Base Esquimalt PO Box 17000 Stn Forces Victoria BC V9A 7N2	\$ _____	\$ _____
2	NSN: 4030-01-386-1997 Shackle  <u>Acceptable P/N :</u> <u>NCAGE:</u> 1019533: 75535	EA	160	Formation Commander HMC Dockyard Building D-206, Door 1 thru 13, Halifax, NS B3K 5X5	Esquimalt Harbour Management Authority Building 262 Dockyard Queen's Harbour Master Canadian Forces Base Esquimalt PO Box 17000 Stn Forces Victoria BC V9A 7N2	\$ _____	\$ _____
	<b>Chain Lashing Assembly</b>						

3	NSN: NSN: 4030-01-653-3586 Simple Hook Fitting  P/N H287-1 or equivalent Alternate P/N: _____	EA	600	Formation Commander HMC Dockyard Building D-206, Door 1 thru 13, Halifax, NS B3K 5X5	Esquimalt Harbour Management Authority Building 262 Dockyard Queen's Harbour Master Canadian Forces Base Esquimalt PO Box 17000 Stn Forces Victoria BC V9A 7N2	\$ _____	\$ _____ -
4	NSN: 1670-00-212-1149 Tensioner Assembly <u>Acceptable P/N NCAGE</u> PH4014 94658 or equivalent Alternate P/N: _____	EA	600	Formation Commander HMC Dockyard Building D-206, Door 1 thru 13, Halifax, NS B3K 5X5	Esquimalt Harbour Management Authority Building 262 Dockyard Queen's Harbour Master Canadian Forces Base Esquimalt PO Box 17000 Stn Forces Victoria BC V9A 7N2	\$ _____	\$ _____
5	Chain lashings with working length 220 inches long	EA	200	Formation Commander HMC Dockyard Building D-206, Door 1 thru 13, Halifax, NS B3K 5X5	Esquimalt Harbour Management Authority Building 262 Dockyard Queen's Harbour Master Canadian Forces Base Esquimalt PO Box 17000 Stn Forces Victoria BC V9A 7N2	\$ _____	\$ _____ -
6	Chain lashings with working length 144inches long	EA	400	Formation Commander HMC Dockyard Building D-206, Door 1 thru 13, Halifax, NS B3K 5X5	Esquimalt Harbour Management Authority Building 262 Dockyard Queen's Harbour Master Canadian Forces Base Esquimalt PO Box 17000 Stn Forces Victoria BC V9A 7N2	\$ _____	\$ _____ _____
						<b>Sub-total</b>	
						<b>Tax</b> _____	
						<b>Total</b>	

**ANNEX D - SECURITY REQUIREMENTS CHECK LIST**



Contract Number / Numéro du contrat <b>W8470-215024</b>
Security Classification / Classification de sécurité UNCLASS

**SECURITY REQUIREMENTS CHECK LIST (SRCL)  
LISTE DE VÉRIFICATION DES EXIGENCES RELATIVES À LA SÉCURITÉ (LVERS)**

PART A - CONTRACT INFORMATION / PARTIE A - INFORMATION CONTRACTUELLE		
1. Originating Government Department or Organization / Ministère ou organisme gouvernemental d'origine <b>Department of National Defense</b>	2. Branch or Directorate / Direction générale ou Direction <b>ADM(Mat)/DGAEPM?PMO-MHP</b>	
3. a) Subcontract Number / Numéro du contrat de sous-traitance	3. b) Name and Address of Subcontractor / Nom et adresse du sous-traitant	
4. Brief Description of Work / Brève description du travail There is a requirement to acquire chain lashings and leader hooks to secure the CH148 to the deck of Halifax class ships. SEM-AV is requesting a 3 year contract to acquire 12 ship sets composed of qty 380 chain lashing assemblies & qty 98 leader hook assemblies. There is an option to purchase an additional 20 ship sets as required over a 5 year period.		
5. a) Will the supplier require access to Controlled Goods? / Le fournisseur aura-t-il accès à des marchandises contrôlées?	<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
5. b) Will the supplier require access to unclassified military technical data subject to the provisions of the Technical Data Control Regulations? / Le fournisseur aura-t-il accès à des données techniques militaires non classifiées qui sont assujetties aux dispositions du Règlement sur le contrôle des données techniques?	<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
6. Indicate the type of access required / Indiquer le type d'accès requis		
6. a) Will the supplier and its employees require access to PROTECTED and/or CLASSIFIED information or assets? / Le fournisseur ainsi que les employés auront-ils accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS? (Specify the level of access using the chart in Question 7. c) / (Préciser le niveau d'accès en utilisant le tableau qui se trouve à la question 7. c)	<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
6. b) Will the supplier and its employees (e.g. cleaners, maintenance personnel) require access to restricted access areas? No access to PROTECTED and/or CLASSIFIED information or assets is permitted. / Le fournisseur et ses employés (p. ex. nettoyeurs, personnel d'entretien) auront-ils accès à des zones d'accès restreintes? L'accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS n'est pas autorisé.	<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
6. c) Is this a commercial courier or delivery requirement with no overnight storage? / S'agit-il d'un contrat de messagerie ou de livraison commerciale sans entreposage de nuit?	<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
7. a) Indicate the type of information that the supplier will be required to access / Indiquer le type d'information auquel le fournisseur devra avoir accès		
Canada <input type="checkbox"/>	NATO / OTAN <input type="checkbox"/>	Foreign / Étranger <input type="checkbox"/>
7. b) Release restrictions / Restrictions relatives à la diffusion		
No release restrictions / Aucune restriction relative à la diffusion <input checked="" type="checkbox"/>	All NATO countries / Tous les pays de l'OTAN <input type="checkbox"/>	No release restrictions / Aucune restriction relative à la diffusion <input type="checkbox"/>
Not releasable / À ne pas diffuser <input type="checkbox"/>		
Restricted to: / Limité à: <input type="checkbox"/>	Restricted to: / Limité à: <input type="checkbox"/>	Restricted to: / Limité à: <input type="checkbox"/>
Specify country(ies): / Préciser le(s) pays:	Specify country(ies): / Préciser le(s) pays:	Specify country(ies): / Préciser le(s) pays:
7. c) Level of information / Niveau d'information		
PROTECTED A / PROTÉGÉ A <input type="checkbox"/>	NATO UNCLASSIFIED / NATO NON CLASSIFIÉ <input type="checkbox"/>	PROTECTED A / PROTÉGÉ A <input type="checkbox"/>
PROTECTED B / PROTÉGÉ B <input type="checkbox"/>	NATO RESTRICTED / NATO DIFFUSION RESTREINTE <input type="checkbox"/>	PROTECTED B / PROTÉGÉ B <input type="checkbox"/>
PROTECTED C / PROTÉGÉ C <input type="checkbox"/>	NATO CONFIDENTIAL / NATO CONFIDENTIEL <input type="checkbox"/>	PROTECTED C / PROTÉGÉ C <input type="checkbox"/>
CONFIDENTIAL / CONFIDENTIEL <input type="checkbox"/>	NATO SECRET / NATO SECRET <input type="checkbox"/>	CONFIDENTIAL / CONFIDENTIEL <input type="checkbox"/>
SECRET / SECRET <input type="checkbox"/>	COSMIC TOP SECRET / COSMIC TRÈS SECRET <input type="checkbox"/>	SECRET / SECRET <input type="checkbox"/>
TOP SECRET / TRÈS SECRET <input type="checkbox"/>		TOP SECRET / TRÈS SECRET <input type="checkbox"/>
TOP SECRET (SIGINT) / TRÈS SECRET (SIGINT) <input type="checkbox"/>		TOP SECRET (SIGINT) / TRÈS SECRET (SIGINT) <input type="checkbox"/>





Contract Number / Numéro du contrat <b>W8470-215024</b>
Security Classification / Classification de sécurité UNCLASS

**PART A (continued) / PARTIE A (suite)**

8. Will the supplier require access to PROTECTED and/or CLASSIFIED COMSEC information or assets?  
Le fournisseur aura-t-il accès à des renseignements ou à des biens COMSEC désignés PROTÉGÉS et/ou CLASSIFIÉS?  No / Non  Yes / Oui  
If Yes, indicate the level of sensitivity:  
Dans l'affirmative, indiquer le niveau de sensibilité :

9. Will the supplier require access to extremely sensitive INFOSEC information or assets?  
Le fournisseur aura-t-il accès à des renseignements ou à des biens INFOSEC de nature extrêmement délicate?  No / Non  Yes / Oui  
Short Title(s) of material / Titre(s) abrégé(s) du matériel :  
Document Number / Numéro du document :

**PART B - PERSONNEL (SUPPLIER) / PARTIE B - PERSONNEL (FOURNISSEUR)**

10. a) Personnel security screening level required / Niveau de contrôle de la sécurité du personnel requis

<input type="checkbox"/> RELIABILITY STATUS COTE DE FIABILITÉ	<input type="checkbox"/> CONFIDENTIAL CONFIDENTIEL	<input type="checkbox"/> SECRET SECRET	<input type="checkbox"/> TOP SECRET TRÈS SECRET
<input type="checkbox"/> TOP SECRET- SIGINT TRÈS SECRET - SIGINT	<input type="checkbox"/> NATO CONFIDENTIAL NATO CONFIDENTIEL	<input type="checkbox"/> NATO SECRET NATO SECRET	<input type="checkbox"/> COSMIC TOP SECRET COSMIC TRÈS SECRET
<input type="checkbox"/> SITE ACCESS ACCÈS AUX EMPLACEMENTS			

Special comments:  
Commentaires spéciaux :

NOTE: If multiple levels of screening are identified, a Security Classification Guide must be provided.  
REMARQUE: Si plusieurs niveaux de contrôle de sécurité sont requis, un guide de classification de la sécurité doit être fourni.

10. b) May unscreened personnel be used for portions of the work?  
Du personnel sans autorisation sécuritaire peut-il se voir confier des parties du travail?  No / Non  Yes / Oui  
If Yes, will unscreened personnel be escorted?  
Dans l'affirmative, le personnel en question sera-t-il escorté?  No / Non  Yes / Oui

**PART C - SAFEGUARDS (SUPPLIER) / PARTIE C - MESURES DE PROTECTION (FOURNISSEUR)**

**INFORMATION / ASSETS / RENSEIGNEMENTS / BIENS**

11. a) Will the supplier be required to receive and store PROTECTED and/or CLASSIFIED information or assets on its site or premises?  
Le fournisseur sera-t-il tenu de recevoir et d'entreposer sur place des renseignements ou des biens PROTÉGÉS et/ou CLASSIFIÉS?  No / Non  Yes / Oui

11. b) Will the supplier be required to safeguard COMSEC information or assets?  
Le fournisseur sera-t-il tenu de protéger des renseignements ou des biens COMSEC?  No / Non  Yes / Oui

**PRODUCTION**

11. c) Will the production (manufacture, and/or repair and/or modification) of PROTECTED and/or CLASSIFIED material or equipment occur at the supplier's site or premises?  
Les installations du fournisseur serviront-elles à la production (fabrication et/ou réparation et/ou modification) de matériel PROTÉGÉ et/ou CLASSIFIÉ?  No / Non  Yes / Oui

**INFORMATION TECHNOLOGY (IT) MEDIA / SUPPORT RELATIF À LA TECHNOLOGIE DE L'INFORMATION (TI)**

11. d) Will the supplier be required to use its IT systems to electronically process, produce or store PROTECTED and/or CLASSIFIED information or data?  
Le fournisseur sera-t-il tenu d'utiliser ses propres systèmes informatiques pour traiter, produire ou stocker électroniquement des renseignements ou des données PROTÉGÉS et/ou CLASSIFIÉS?  No / Non  Yes / Oui

11. e) Will there be an electronic link between the supplier's IT systems and the government department or agency?  
Disposera-t-on d'un lien électronique entre le système informatique du fournisseur et celui du ministère ou de l'agence gouvernementale?  No / Non  Yes / Oui



Government of Canada  
Gouvernement du Canada

Contract Number / Numéro du contrat <b>W8470-215024</b>
Security Classification / Classification de sécurité <b>UNCLASS</b>

**PART C - (continued) / PARTIE C - (suite)**

For users completing the form manually use the summary chart below to indicate the category(ies) and level(s) of safeguarding required at the supplier's site(s) or premises.  
Les utilisateurs qui remplissent le formulaire manuellement doivent utiliser le tableau récapitulatif ci-dessous pour indiquer, pour chaque catégorie, les niveaux de sauvegarde requis aux installations du fournisseur.

For users completing the form online (via the Internet), the summary chart is automatically populated by your responses to previous questions.  
Dans le cas des utilisateurs qui remplissent le formulaire en ligne (par Internet), les réponses aux questions précédentes sont automatiquement saisies dans le tableau récapitulatif.

**SUMMARY CHART / TABLEAU RÉCAPITULATIF**

Category Catégorie	PROTECTED PROTÉGÉ			CLASSIFIED CLASSIFIÉ			NATO				COMSEC					
	A	B	C	CONFIDENTIAL CONFIDENTIEL	SECRET	TOP SECRET TRÈS SECRET	NATO RESTRICTED NATO DIFFUSION RESTREINTE	NATO CONFIDENTIAL NATO CONFIDENTIEL	NATO SECRET	COSMIC TOP SECRET COSMIC TRÈS SECRET	PROTECTED PROTÉGÉ			CONFIDENTIAL	SECRET	TOP SECRET TRÈS SECRET
											A	B	C			
Information / Assets Renseignements / Biens Production																
IT Media / Support TI																
IT Link / Lien électronique																

12. a) Is the description of the work contained within this SRCL PROTECTED and/or CLASSIFIED?  
La description du travail visé par la présente LVERS est-elle de nature PROTÉGÉE et/ou CLASSIFIÉE?  No / Non  Yes / Oui

If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification".  
Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée « Classification de sécurité » au haut et au bas du formulaire.

12. b) Will the documentation attached to this SRCL be PROTECTED and/or CLASSIFIED?  
La documentation associée à la présente LVERS sera-t-elle PROTÉGÉE et/ou CLASSIFIÉE?  No / Non  Yes / Oui

If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification" and indicate with attachments (e.g. SECRET with Attachments).  
Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée « Classification de sécurité » au haut et au bas du formulaire et indiquez qu'il y a des pièces jointes (p. ex. SECRET avec des pièces jointes).

## **ANNEX E - ELECTRONIC PAYMENT INSTRUMENTS**

*As indicated in Part 3, clause 3.1.2, the Bidder must complete the information requested below, to identify which electronic payment instruments are accepted for the payment of invoices.*

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

- VISA Acquisition Card;
- MasterCard Acquisition Card;
- Direct Deposit (Domestic and International);
- Electronic Data Interchange (EDI);
- Wire Transfer (International Only);
- Large Value Transfer System (LVTS) (Over \$25M)

**ANNEX F – MANDATORY TECHNICAL CRITERIA**

**1.0 Mandatory Technical Criteria**

- 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.

<b>Mandatory Technical (MT) Criteria for Chain Lashing Assemblies</b>			
<b>Number</b>	<b>Mandatory Technical Criterion (MT)</b>	<b>Method of Compliance</b>	<b>Met (Y/N)</b>
MT 1	Working Load of at least 10,000lbr	Certificate of test and compliance as defined in Reference document 2.3 (Appendix 3).	
MT2	Hook end fitting capable of having two (2) hooks fit in the deck sockets on the CPF's  NSN: 4030-01-653-3586 NCAGE: 94658 P/N H287-1 or equivalent <b>OR</b> Alternate Style for DND approval P/N: _____ NCAGE: _____ NSN: _____	Demonstrate compliance via images and technical specifications of proposed item.	
MT3	Peck and Hale PH4014 series tensioner assembly end fitting capable of having two (2) hooks fitted in the deck sockets on the CPF's (para. 3.5 of SOR) OR Alternate Style for DND approval _____	Demonstrate compliance via images and technical specifications of proposed item.	
MT4	Working length of at least 220 inches	Demonstrate compliance via images and technical specifications of proposed item.	
MT5	Working length of at least 144 inches long	Demonstrate compliance via images and technical specifications of proposed item.	
MT 6	No contact on Helicopter except at mooring points. Reference document 2.1 (configuration sheet at Appendix 1).	Demonstrate compliance via images <b>and</b> technical specifications of proposed item.	

<b>Mandatory Technical (MT) Criteria for Leader Hook Assemblies</b>			
<b>Number</b>	<b>Mandatory Technical Criterion (MT)</b>	<b>Method of Compliance</b>	<b>Bidder Substantiation</b>
MT1	Hook, Hoist, Part Number: 1022406 NCAGE: 75535 NSN: 4030-01-671-7119 <b>OR</b> Alternate Style for DND approval P/N: _____ NCAGE: _____ NSN: _____	If alternate part is proposed please fill in blanks and provide specifications	
MT2	Shackle Part Number: 1019533 NCAGE: 75535 NSN: 4030-01-386-1997 <b>OR</b> Alternate Style for DND approval P/N: _____ NCAGE: _____ NSN: _____	If alternate part is proposed please fill in blanks and provide specifications	
MT3	Working load of at least 6000lbf.	Certificate of test and compliance	

## Reference documents

### Appendix 1: Leaderhook Configuration

Leaderhooks are used at the Cockpit and High Tie Down locations to provide a visual aid in the alignment of the chains to the aircraft. The leaderhooks shall be oriented laterally to within a +/- 10 degree angle as seen in figure 1

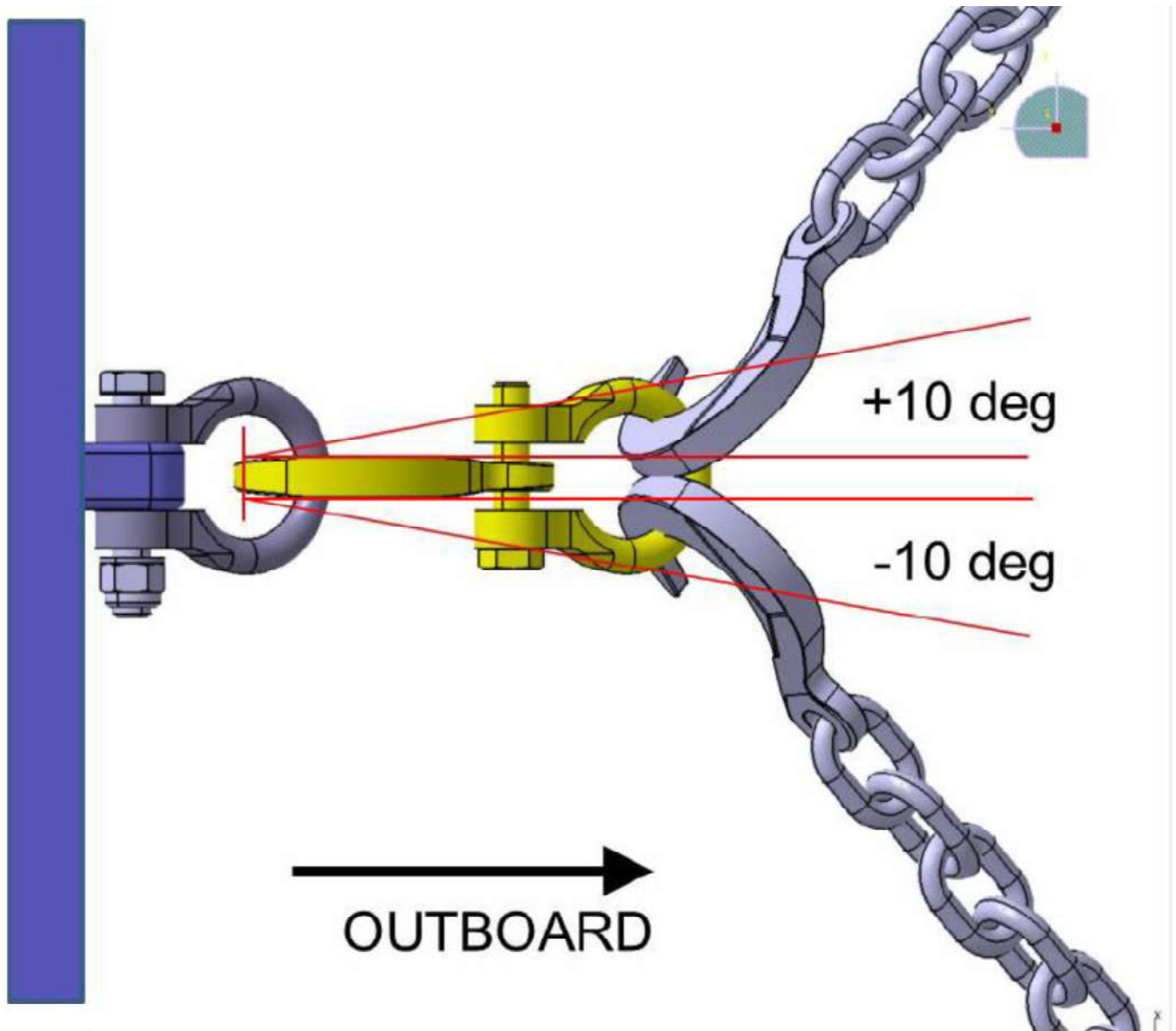
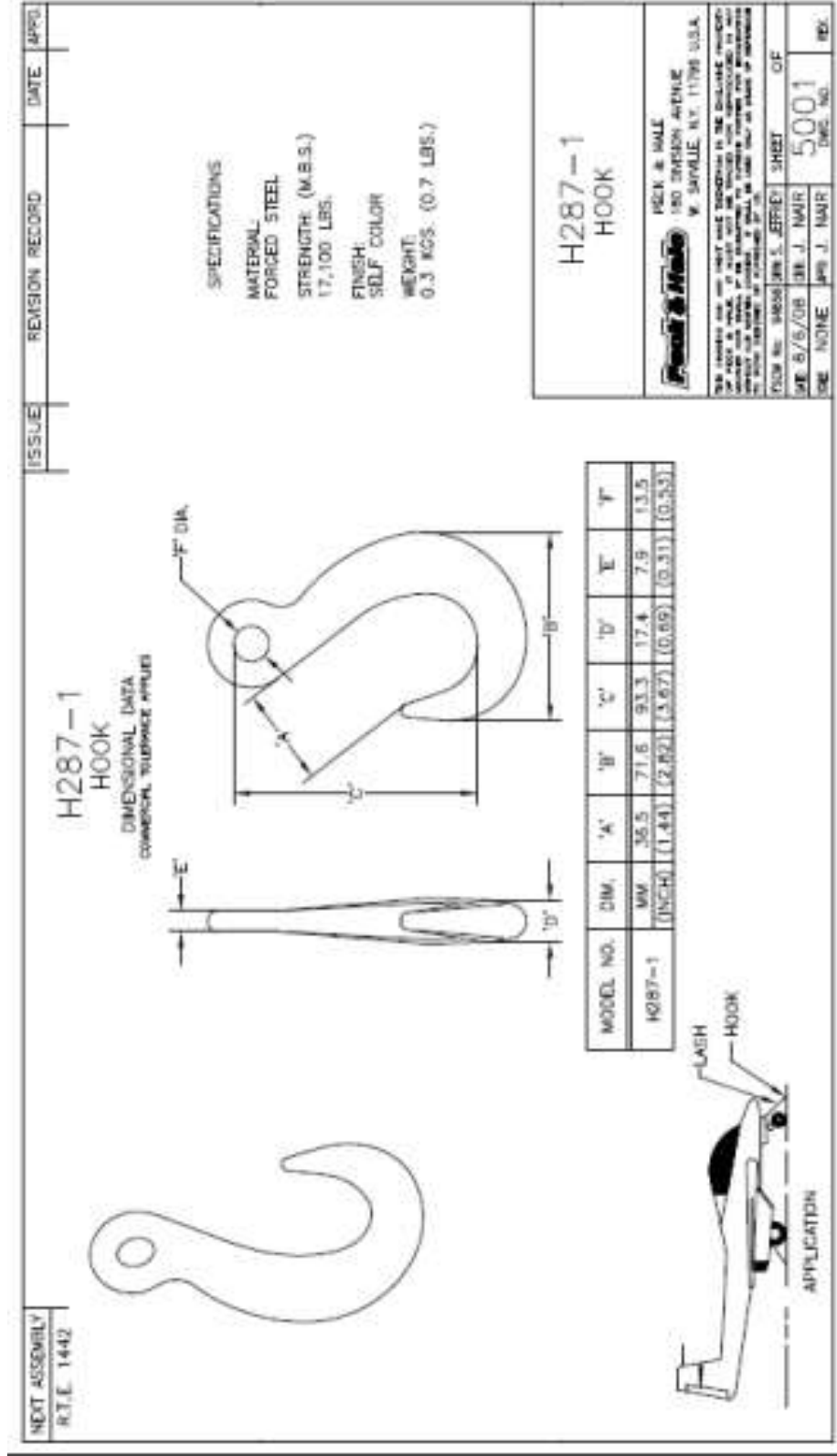


Figure 1: Leaderhook Chain Orientation

## Appendix 2: Drawings

Tie Down Aircraft Mooring - NSN: 4030-01-653-3586 and P/N H287-1 or equivalent









PREVENTIVE MAINTENANCE SCHEDULE  
(REPAIR FACILITY)

**SHIPBOARD HELICOPTER TIE DOWN CHAINS**

APPLICABLE TO HFX, IRO, PTR CLASSES AND CFNES

(BILINGUAL)

PROGRAMME DE MAINTENANCE PRÉVENTIVE  
(INSTALLATION DE RÉPARATION)

**CHAÎNES D'ARRIMAGE D'HÉLICOPTÈRE EMBARQUE**

APPLICABLE AUX CLASSES HFX, IRO, PTR ET L'EGNFC

(BILINGUE)

Issued on Authority of the Chief of the Defence Staff  
Publiée avec l'autorisation du Chef d'état-major de la Défense

Contact Officer: DMSS 2-4-5  
Personne responsable: DSN 2-4-5

OPI: DMSS 2/ BPR : DSN 2  
OCI: DMMS (MIS) 2/ BC: DSGM (GSI) 2

2012-04-16

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**NOTICE**

This documentation has been reviewed by the technical authority and does not contain controlled goods. Disclosure notices and handling instructions originally received with the document shall continue to apply.

**AVIS**

Cette documentation a été révisée par l'autorité technique et ne contient pas des marchandises contrôlées. Les avis de divulgation et les instructions de manutention reçues originalement doivent continuer de s'appliquer.



**REFERENCES**

C-12-124-A00/MB-002	Joint Maritime Command 1 Canadian Air Division Shipborne Helicopter Operating Procedures (SHOPS)
C-19-010-007/TP-000	Maintenance Procedures Lifting Slings and Restraining Devices for Aircraft and Related Components (General)
C-28-020-001/TB-001	Technical Bulletin (Marine) Tests of Shipboard Lifting Appliances
C-39-010-001/NY-007	Naval Preventive Maintenance Schedule (Hull) Shipboard Helicopter Tie Down Chains
HFX-D28-402-000-01	Lifting Points Halifax Class
HFX-D39-155-000-02	Aircraft Securing Arrangement and Details

**NOTE**

If, based on the results of the maintenance performed under this NPMS, any repair work is required, a work order shall be raised to carry out and record the repairs. If the unit is using CMIS-S, raise an S2 MAF; if using DRMIS raise an N9 Notification on the R/F, or raise an N017 Order on RF.

**RÉFÉRENCES**

C-12-124-A00/MB-002	Joint Maritime Command 1 Canadian Air Division Shipborne Helicopter Operating Procedures (SHOPS)
C-19-010-007/TP-000	Procédures d'entretien élingues de levage et dispositifs de retenue pour les aéronefs et les composants connexes (généralités)
C-28-020-001/TB-001	Bulletin technique (maritime) essais des appareux de levage embarqués
C-39-010-001/NY-007	Programme de maintenance préventive navale (coque) chaînes d'arrimage d'hélicoptère embarque
HFX-D28-402-000-01	Lifting Points Halifax Class
HFX-D39-155-000-02	Aircraft Securing Arrangement and Details

**NOTA**

Si une réparation est requise selon les résultats de la maintenance effectuée sous le présent calendrier de maintenance préventive de bord, un bon de travail doit être rempli pour exécuter et inscrire les réparations. Si l'unité utilise le SIIM-N, remplir un S2 MAF; si le SGIRD est utilisé, remplir un avis N9 pour l'installation de réparation, ou remplir une commande N017 pour l'atelier de réparation.

**MAINTENANCE CAPABILITY CODES**

T – Ship’s Staff Formally Trained

N – Ship’s Staff Not Formally Trained

R – Repair Facility



To avoid caustic cracking, chains should not be chemically cleaned or subjected to any solution containing sodium hydroxide.

**NOTE**

Mandatory testing dates for lifting appliances are specified in C-28-020-001/TB-001 Paragraph 3. If damage or deterioration of the appliance is known or suspected, a request for retesting may be initiated at any time.

**24 MONTHLY**

24M1 **CHAIN.**  
R

- a. Place the entire length of chain in the tensile tester.
- b. Uniformly apply a tensile load up to 2500 pounds.
- c. Carefully measure and record the length of the chain.
- d. Uniformly increase the tensile load up to the proof load of the chain and hold for 60 seconds.

**NOTE**

NSN 1730-21-869-2102 chain has a proof load of 10,000 pounds.

**CODES DE RESSOURCES DE MAINTENANCE**

T – Personnel du navire ayant reçu une formation officielle

N – Personnel du navire n’ayant reçu aucune formation officielle

R – Atelier de réparation



Afin d’éviter toute fissuration caustique, on ne doit pas nettoyer les chaînes avec des produits chimiques ou les exposer à des solutions composées d’hydroxyde de sodium.

**NOTA**

Les dates obligatoires d’essai des appareils de levage sont mentionnées au paragraphe 3 de la publication C-28-020-001/TB-001. Si l’appareil est endommagé, ou si l’on a raisons de la croire, on peut formuler une demande de renouvellement de l’essai.

**TOUS LES 24 MOIS**

24M1 **CHAÎNE.**  
R

- a. Placer la chaîne, sur toutes sa longueur, dans le contrôleur de traction.
- b. Appliquer une charge de traction uniforme de 2500 livres.
- c. Mesurer avec attention la longueur de la chaîne et en prendre note.
- d. Augmenter de façon uniforme la charge de traction jusqu’à la charge d’essai de la chaîne et maintenir la traction pendant 60 secondes.

**NOTA**

La charge d’essai de la chaîne NNO 1730-21-869-2102 est de 10,000 livres.

- e. Uniformly decrease tensile load to 2500 pounds.
- f. Carefully measure and record the length of the chain.
- g. Compare the measurements recorded in Steps c. and f. If the difference is greater than 1/8 inch, repeat Steps a. through f. and proceed to Step h. If the measurements are within 1/8 inch, return chain to service.
- h. Compare the second set of measurements. If the difference again exceeds 1/8 inch, the chain can be scrapped. If the difference is less than 1/8 inch the chain can be returned to service.

24M2 **LATCH/RELEASE MECHANISM.**  
R

- a. Place mechanism in tensile tester with a minimum 2 ft length of suitable strength chain.
- b. Uniformly increase tensile load to the proof load of the mechanism which is indicated on the side of the mechanism body
- c. Uniformly decrease tensile load.
- d. Remove mechanism from the tester and repeat visual check IAW C-39-010-001/NY-007, M1 a.
- e. Sign inspection tag and date.

24M3 **Lifting Appliance Certification.** The high and low tie down points and the two lifting lugs for the spare main rotor shall be inspected and tested IAW C-28-020-001/TB-001.

**NOTE**

SWL for high and low point tie down points is 4536 kg (10000 lbs). SWL for the spare main rotor lifting lugs is 500 kg (1103 lbs).

- e. Réduire uniformément la charge de traction à 2500 livres.
- f. Mesurer avec précision la longueur de la chaîne et en prendre note.
- g. Comparer les mesures notées aux étapes c. et f. Si la différence est supérieur à 1/8 po, répéter les étapes a. à f. et passer à l'étape h. Si les mesures sont inférieur à de 1/8 po, la return chaîne peut être réutilisée.
- h. Comparer le deuxième groupe de mesures. Si la différence dépasse encore de 1/8 pouce, on doit éliminer la chaîne. Si la différence est moindre que 1/8 pouce, on peut la retourner au service.

24M2 **MECANISME DE FERROUILLAGE ET DE DEVERROUILLAGE.**  
R

- a. Placer le mécanisme dans contrôleur de traction en laissant au minimum 2 pi de chaîne utilisable.
- b. Augmenter uniformément la charge de traction jusqu'à la charge d'épreuve du mécanisme. Celle-ci est inscrite sur le côté du corps du dispositif.
- c. Réduire uniformément la charge de traction.
- d. Déposer le mécanisme du dispositif d'essai et répéter la vérification visuelle conformément aux instructions du paragraphe M1 a. de la publication C-39-010-001/NY-007.
- e. Sioner et date l'étiquette d'inspection.

24M3 **Certification de l'appareil de levage.** Les points d'attache supérieurs et inférieurs ainsi que les deux œillets de levage pour le rotor principal de rechange doivent être inspectés et mis à l'essai conformément à la C-28-020-001/TB-001.

**NOTA**

La charge maximale d'utilisation pour les points d'attache supérieurs et inférieurs est de 4536 kg (10000 lb). La charge maximale d'utilisation pour les œillets de levage du rotor principal de rechange est de 500 kg (1103 lb).