



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

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

1713 Bedford Row

Halifax, N.S./Halifax, (N.É.)

Halifax

Nova Scotia

B3J 1T3

Bid Fax: (902) 496-5016

REQUEST FOR PROPOSAL DEMANDE DE PROPOSITION

Proposal To: Public Works and Government Services Canada

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

Proposition aux: Travaux Publics et Services Gouvernementaux Canada

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

Comments - Commentaires

Vendor/Firm Name and Address

Raison sociale et adresse du

fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Atlantic Region Acquisitions/Région de l'Atlantique
Acquisitions

1713 Bedford Row

Halifax, N.S./Halifax, (N.É.)

Halifax

Nova Scot

B3J 1T3

Title - Sujet Syncrolift Wire Testing	
Solicitation No. - N° de l'invitation W684H-210025/B	Date 2021-03-01
Client Reference No. - N° de référence du client W684H-21-0025	
GETS Reference No. - N° de référence de SEAG PW-\$HAL-405-11249	
File No. - N° de dossier HAL-0-85148 (405)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Atlantic Daylight Saving Time ADT on - le 2021-03-23 Heure Avancée de l'Atlantique HAA	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Kendell, Byron	Buyer Id - Id de l'acheteur hal405
Telephone No. - N° de téléphone (902) 497-5345 ()	FAX No. - N° de FAX (902) 496-5016
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Real Property Operations Section Halifax Bldg 7 Willow Park P.O Box 99000 STN Forces HALIFAX Nova Scotia B3K5X5 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

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

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W684H-210025/B
Client Ref. No. - N° de réf. du client

Amd. No. - N° de la modif.

File No. - N° du dossier

Buyer ID - Id de l'acheteur
ha1405
CCC No./N° CCC - FMS No./N° VME

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This bid solicitation cancels and supersedes previous bid solicitation number W684H-210025/A dated 14 December, 2020 with a closing of 2 February, 2021 at 2:00 pm (ADT). A debriefing or feedback session will be provided upon request to bidders/offerors/suppliers who bid on the previous solicitation.

PART 1 - GENERAL INFORMATION

1.1 Statement of Work

Work under this requirement comprises the furnishing of all labour, material, tools, equipment, transportation, and supervision required to conduct testing to failure of Syncrolift wire ropes ranging in size from 34 mm nominal diameter to 45 mm nominal diameter, as specified at Annex A.

1.2 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.

1.3 epost Connect service

This bid solicitation allows bidders to use the epost Connect service provided by Canada Post Corporation to transmit their bid electronically. Bidders must refer to Part 2 entitled Bidder Instructions, and Part 3 entitled Bid Preparation Instructions, of the bid solicitation, for further information.

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

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

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

The [2003](#) (2020-05-28), Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of [2003](#), Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days
Insert: 90 days

2.2 Submission of Bids

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

Note: For bidders choosing to submit using epost Connect, the email address is:

TPSGC.RAReceptionSoumissionsNE-ARBidReceivingNS.PWGSC@tpsgc-pwgsc.gc.ca

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

Facsimile number: 902-496-5016

2.3 Former Public Servant

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

Definitions

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

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

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

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

Former Public Servant in Receipt of a Pension (to be completed by bidder)

As per the above definitions, is the Offeror a FPS in receipt of a pension? **YES () NO ()**

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

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

By providing this information, Offerors agree that the successful Offeror's status, with respect to being a former public servant in receipt of a pension, will be reported on departmental websites as part of the published proactive disclosure reports in accordance with [Contracting Policy Notice: 2012-2](#) and the [Guidelines on the Proactive Disclosure of Contracts](#).

Work Force Adjustment Directive (to be completed by bidder)

Is the Offeror a FPS who received a lump sum payment pursuant to the terms of the Work Force Adjustment Directive? **YES () NO ()**

If so, the Offeror must provide the following information:

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

For all contracts awarded during the lump sum payment period, the total amount of fees that may be paid to a FPS who received a lump sum payment is \$5,000, including Applicable Taxes.

2.4 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.

2.5 Applicable Laws

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

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the Bidders.

2.6 Bid Challenge and Recourse Mechanisms

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

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

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

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

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

- If the Bidder chooses to submit its bid in hard copies, Canada requests that the Bidder submits its bid in separately bound sections as follows:

Section I: Technical Offer (1 hard copy)
Section II: Financial Offer (1 hard copy)
Section III: Certifications (1 hard copy)

If there is a discrepancy between the wording of the soft copy on electronic media and the hard copy, the wording of the hard copy will have priority over the wording of the soft copy.

- If the Bidder is simultaneously providing copies of its bid using multiple acceptable delivery methods, and if there is a discrepancy between the wording of any of these copies and the electronic copy

provided through epost Connect service, the wording of the electronic copy provided through epost Connect service will have priority over the wording of the other copies.

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

Canada requests that bidders follow the format instructions described below in the preparation of hard copy of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573) (<https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573>). To assist Canada in reaching its objectives, bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

Section I: Technical Bid

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

Section II: Financial Bid

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

3.1.1 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

OFFERS MUST INCLUDE AND MEET ALL OF THE MANDATORY REQUIREMENTS STATED BELOW TO BE CONSIDERED COMPLIANT. OFFERS NOT INCLUDING AND MEETING ALL OF THE MANDATORY REQUIREMENTS BELOW WILL BE DEEMED NON-RESPONSIVE AND WILL BE GIVEN NO FURTHER CONSIDERATION.

CONTRACTOR QUALIFICATIONS

Offerors must possess a minimum of three (3) years of experience in the inspection and testing to failure of wire cables of similar size and nature to the requirement stated at Annex A. Offerors **MUST** use the tables below to list two (2) major projects/contracts to support their experience claims. The Client Contact provided in the tables below will be used as a reference check.

PROJECT / CONTRACT No. 1	
Name of client organization or Company	
Name: _____	
Name and title of client contact	Name: _____ Title: _____
Telephone and facsimile number of client contact	Phone No.: _____ Fax No.: _____
Start date of Project/Contract	Month _____ Year _____
Completion date of Project/Contract	Month _____ Year _____
Brief Description of Project or Contract:	

PROJECT / CONTRACT No. 2	
Name of client organization or Company	
Name: _____	
Name and title of client contact	Name: _____ Title: _____
Telephone and facsimile number of client contact	Phone No.: _____ Fax No.: _____
Start date of Project/Contract	Month _____ Year _____
Completion date of Project/Contract	Month _____ Year _____
Brief Description of Project or Contract:	

4.1.2 Financial Evaluation

SACC Manual Clause [A0220T](#) (2014-06-26), Evaluation of Price-Bid

4.2 Basis of Selection

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

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

Work under this requirement comprises the furnishing of all labour, material, tools, equipment, transportation, and supervision required to conduct testing to failure of Syncrolift wire ropes ranging in size from 34 mm nominal diameter to 45 mm nominal diameter, as specified at Annex A.

6.2.1 Task Authorization

The Work or a portion of the Work to be performed under the Contract will be on an "as and when requested basis" using a Task Authorization (TA). The Work described in the TA must be in accordance with the scope of the Contract.

6.2.1.1 Task Authorization Process

1. The Project will provide the Contractor with a description of the task using the DND 626, Task Authorization Form specified in Annex C.
2. The Task Authorization (TA) will contain the details of the activities to be performed, a description of the deliverables, and a schedule indicating completion dates for the major activities or submission dates for the deliverables. The TA will also include the applicable basis and methods of payment as specified in the Contract.

3. The Contractor must provide the Project Authority, within two (2) calendar days of its receipt, the proposed total estimated cost for performing the task and a breakdown of that cost, established in accordance with the Basis of Payment specified in the Contract.

4. The Contractor must not commence work until a TA authorized by the Project Authority has been received by the Contractor. The Contractor acknowledges that any work performed before a TA has been received will be done at the Contractor's own risk.

6.2.1.2 Task Authorization Limit

The Project Authority may authorize individual task authorizations up to a limit of \$(completed at award), Applicable Taxes included, inclusive of any revisions.

Any task authorization to be issued in excess of that limit must be authorized by the Contracting Authority before issuance.

6.2.1.3 Canada's Obligation - Portion of the Work - Task Authorizations

B9031C (2011-05-16), Canada's Obligation – Portion of the Work – Task Authorizations

6.2.1.4 Task Authorization - Department of National Defence

The administration of the Task Authorization process will be carried out by **Real Property Operations Section (Halifax)**. This process includes monitoring, controlling and reporting on expenditures of the contract with task authorizations to the Contracting Authority.

6.3 Standard Clauses and Conditions

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

6.3.1 General Conditions

2010C (2020-05-28), General Conditions - Services (Medium Complexity) 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 1 April, 2021 to 31 March, 2025, inclusive.

6.4.2 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: Byron Kendell

Title: Supply Specialist
Public Works and Government Services Canada
Acquisitions Branch
Address: 1713 Bedford Row, Halifax, NS B3J 3C9

Telephone: 902-497-5345
Facsimile: 902-496-5016
E-mail address: byron.kendell@pwgsc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

6.5.2 Project Authority

The Project Authority for the Contract is (completed at award):

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone: _____
Facsimile: _____
E-mail address: _____

The Project Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Project Authority, however the Project Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

6.5.3 Offeror's Representative (to be completed by bidder)

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone: _____
Facsimile: _____
E-mail address: _____

6.6 Proactive Disclosure of Contracts with Former Public Servants

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

6.7 Payment

6.7.1 Basis of Payment – Scheduled Services

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price, as specified in Annex B. Customs duties are included and Applicable Taxes are extra.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

6.7.2 Basis of Payment – Individual Task Authorizations

The Contractor will be paid for the Work specified in the authorized task authorization, in accordance with the Basis of payment at Annex B.

Canada's liability to the Contractor under the authorized task authorization must not exceed the limitation of expenditure specified in the authorized task authorization. Custom duties are included and Applicable Taxes are extra.

No increase in the liability of Canada or in the price of the Work specified in the authorized task authorization resulting from any design changes, modifications or interpretations of the Work will be authorized or paid to the Contractor unless these design changes, modifications or interpretations have been authorized, in writing, by the Contracting Authority before their incorporation into the Work.

6.7.3 Limitation of Expenditure - Cumulative Total of all Task Authorizations

1. Canada's total liability to the Contractor under the Contract for all authorized Task Authorizations (TAs), inclusive of any revisions, must not exceed the sum of \$ (completed at award). Customs duties are included and Applicable Taxes are extra.

2. No increase in the total liability of Canada will be authorized or paid to the Contractor unless an increase has been approved, in writing, by the Contracting Authority.

3. The Contractor must notify the Contracting Authority in writing as to the adequacy of this sum:

- a. when it is 75 percent committed, or
- b. four (4) months before the contract expiry date, or
- c. as soon as the Contractor considers that the sum is inadequate for the completion of the Work required in all authorized TAs, inclusive of any revisions, whichever comes first.

4. If the notification is for inadequate contract funds, the Contractor must provide to the Contracting Authority, a written estimate for the additional funds required. Provision of such information by the Contractor does not increase Canada's liability.

6.7.2 SACC Manual Clauses

H1000C (2008-05-12), Single Payment

6.7.3 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);

6.8 Invoicing Instructions

The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed. Invoices must be distributed as follows:

The original and one (1) copy must be forwarded to the following address for certification and payment:

Accounts Payable Section
Real Property Operations Section - Halifax
Maritime Forces Atlantic PO Box 99000
Station Forces, Willow Park Bldg 7
Halifax, NS B3K 5X5

Invoices must be submitted within 30 days of completion of Work.
Each invoice will indicate the following information:

1. Contract number;
2. Work order/ serial number;
3. Requisition/order offer number;
4. Building number or location;
5. Dates during which the Work was accomplished;
6. A detailed description of the Work performed, with itemized list of materials & labour (a copy of the Contractor's invoice from his material supplier will also be included plus any other costs being charged), labour, overhead, profit and applicable taxes will be included separately on the invoice.
7. Labour costs are to be broken down by trade and sub-trade. Labour time sheets will also be provided upon request.

No invoices will be processed without proper information as outlined.

DND payments to Contractor will be done through direct deposit process. The Contractor will be required to provide the following to Accounts Payable Section:

- banking information for direct deposit; and
- email address.

6.9 Certifications and Additional Information

6.9.1 Compliance

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

6.10 Applicable Laws

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

6.11 Priority of Documents

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

- (a) the Articles of Agreement;
- (b) the general conditions 2010C (2020-05-28), General Conditions - Services (Medium Complexity);
- (c) Annex A, Statement of Work;
- (d) Annex B, Basis of Payment; and,
- (e) the Contractor's bid dated _____ (*insert date of bid*)

6.12 SACC Manual Clauses

A9062C (2011-05-16), Canadian Forces Site Regulations
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".

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Buyer ID - Id de l'acheteur
ha1405
CCC No./N° CCC - FMS No./N° VME

ANNEX A

STATEMENT OF WORK

(See attachment)

ANNEX B

BASIS OF PAYMENT

Please complete the following tables and submit with Bid.

The successful Bidder must provide the following:

Year One: April 01, 2021 to March 31, 2022

Table 1A Pricing Table for Service Contract Year 1 - April 01, 2021 to March 31, 2022				
Column A Description	Column B Unit of Measureme nt	Column C Estimate d Amount	Column D Price per wire	Column E Extended Price (E = C x D)
I. Perform inspection and testing of ten (10) wire rope cables. Fixed price per wire (column D) to include the provision of all plant, material, and labour required for pick-up of wire ropes at HMC Dockyard, testing, completion of a written test report for each wire rope in each Renewal Group, and disposal of wire rope and reel.				
1. Wire ropes from winch # 6-10 A/B 45 mm nominal diameter	per test	10	\$ _____	\$ _____
Total Cost Year 1 - Table 1A				\$ _____

Table 1B Pricing Table for Unscheduled Work Task Authorization Year 1 - April 01, 2021 to March 31, 2022				
Column A Description	Column B Unit of Measureme nt	Column C Estimate d Amount	Column D Price per wire	Column E Extended Price (E = C x D)
II. Service calls to perform additional wire rope inspection and test above Service Contract part and as requested by the Departmental Representative with the issue of a DND 626 "Task Authorization" form on an "as and when requested basis". Fixed price per wire (column D) to include the provision of all plant, material, and labour required for pick-up of wire ropes at HMC Dockyard, testing, completion of a written test report for each wire rope in each Renewal Group, and disposal of wire rope and reel.				
1. Wire ropes 45 mm nominal diameter	per test	1	\$ _____	\$ _____
2. Wire ropes 35 mm nominal diameter	per test	1	\$ _____	\$ _____

Total Cost Year 1 - Table 1B	\$ _____
-------------------------------------	----------

Total Cost Year 1 = Table 1A + Table 1B = \$ _____ (HST extra)

Year 2: April 01, 2022 to March 31, 2023

Table 2A Pricing Table for Service Contract Year 2 - April 01, 2022 to March 31, 2023				
Column A Description	Column B Unit of Measureme nt	Column C Estimate d Amount	Column D Price per wire	Column E Extended Price (E = C x D)
I. Perform inspection and testing of ten (10) wire rope cables. Fixed price per wire (column D) to include the provision of all plant, material, and labour required for pick-up of wire ropes at HMC Dockyard, testing, completion of a written test report for each wire rope in each Renewal Group, and disposal of wire rope and reel.				
1. Wire ropes from winch # 11-15 A/B 45 mm nominal diameter	per test	10	\$ _____	\$ _____
Total Cost Year 2 - Table 2A				\$ _____

Table 2B Pricing Table for Unscheduled Work Task Authorization Year 2 - April 01, 2022 to March 31, 2023				
Column A Description	Column B Unit of Measureme nt	Column C Estimate d Amount	Column D Price per wire	Column E Extended Price (E = C x D)
II. Service calls to perform additional wire rope inspection and test above Service Contract part and as requested by the Departmental Representative with the issue of a DND 626 "Task Authorization" form on an "as and when requested basis". Fixed price per wire (column D) to include the provision of all plant, material, and labour required for pick-up of wire ropes at HMC Dockyard, testing, completion of a written test report for each wire rope in each Renewal Group, and disposal of wire rope and reel.				
1. Wire ropes 45 mm nominal diameter	per test	1	\$ _____	\$ _____
2. Wire ropes 35 mm nominal diameter	per test	1	\$ _____	\$ _____
Total Cost Year 2 - Table 2B				\$ _____

Total Cost Year 2 = Table 2A + Table 2B = \$ _____ (HST extra)

Year 3: April 01, 2023 to March 31, 2024

Table 3A Pricing Table for Service Contract Year 3 - April 01, 2023 to March 31, 2024				
Column A Description	Column B Unit of Measurement	Column C Estimated Amount	Column D Price per wire	Column E Extended Price (E = C x D)
I. Perform inspection and testing of seven (7) wire rope cables. Fixed price per wire (column D) to include the provision of all plant, material, and labour required for pick-up of wire ropes at HMC Dockyard, testing, completion of a written test report for each wire rope in each Renewal Group, and disposal of wire rope and reel.				
1. Wire ropes from winch # 16-19 A/B 35 mm nominal diameter	per test	7	\$ _____	\$ _____
Total Cost Year 3 - Table 3A				\$ _____

Table 3B Pricing Table for Unscheduled Work Task Authorization Year 3 - April 01, 2023 to March 31, 2024				
Column A Description	Column B Unit of Measureme nt	Column C Estimate d Amount	Column D Price per wire	Column E Extended Price (E = C x D)
II. Service calls to perform additional wire rope inspection and test above Service Contract part and as requested by the Departmental Representative with the issue of a DND 626 "Task Authorization" form on an "as and when requested basis". Fixed price per wire (column D) to include the provision of all plant, material, and labour required for pick-up of wire ropes at HMC Dockyard, testing, completion of a written test report for each wire rope in each Renewal Group, and disposal of wire rope and reel.				
1. Wire ropes 45 mm nominal diameter	per test	1	\$ _____	\$ _____
2. Wire ropes 35 mm nominal diameter	per test	1	\$ _____	\$ _____
Total Cost Year 3 - Table 3B				

Total Cost Year 3 = Table 3A + Table 3B = \$ _____ (HST extra)

Year 4: April 01, 2024 to March 31, 2025

Table 4A Pricing Table for Service Contract Year 4 - April 01, 2024 to March 31, 2025				
Column A Description	Column B Unit of Measureme nt	Column C Estimate d Amount	Column D Price per wire	Column E Extended Price (E = C x D)
I. Perform inspection and testing of eight (8) wire rope cables. Fixed price per wire (column D) to include the provision of all plant, material, and labour required for pick-up of wire ropes at HMC Dockyard, testing, completion of a written test report for each wire rope in each Renewal Group, and disposal of wire rope and reel.				
1. Wire ropes from winch # 20-23 A/B 35 mm nominal diameter	per test	8	\$ _____	\$ _____
Total Cost Year 4 - Table 4A				\$ _____

Table 4B Pricing Table for Unscheduled Work Task Authorization Year 4 - April 01, 2024 to March 31, 2025				
Column A Description	Column B Unit of Measureme nt	Column C Estimated Amount	Column D Price per wire	Column E Extended Price (E = C x D)
II. Service calls to perform additional wire rope inspection and test above Service Contract part and as requested by the Departmental Representative with the issue of a DND 626 "Task Authorization" form on an "as and when requested basis". Fixed price per wire (column D) to include the provision of all plant, material, and labour required for pick-up of wire ropes at HMC Dockyard, testing, completion of a written test report for each wire rope in each Renewal Group, and disposal of wire rope and reel.				
1. Wire ropes 45 mm nominal diameter	per test	1	\$ _____	\$ _____
2. Wire ropes 35 mm nominal diameter	per test	1	\$ _____	\$ _____
Total Cost Year 4 - Table 4B				

Total Cost Year 4 = Table 4A + Table 4B = \$ _____ (HST extra)

Total Evaluated Cost = Total Cost Year 1 + Total Cost Year 2 + Total Cost Year 3 + Total Cost Year 4 =

\$ _____ (HST extra)

Total Cost amount will be the amount that will be considered during evaluation of all bids tendered.

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Buyer ID - Id de l'acheteur
ha1405
CCC No./N° CCC - FMS No./N° VME

All prices are in Canadian dollars, Goods and Services Tax or the Harmonized Sales Tax excluded,
Canadian Customs Duties Taxes included.

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.

End of Basis of Payment

**TASK AUTHORIZATION
AUTORISATION DES TÂCHES**

Annex C / Annexe C

All invoices/progress claims must show the reference Contract and Task numbers. Toutes les factures doivent indiquer les numéros du contrat et de la tâche.		Contract no. – N° du contrat Task no. – N° de la tâche
Amendment no. – N° de la modification	Increase/Decrease – Augmentation/Réduction	Previous value – Valeur précédente
To – À	TO THE CONTRACTOR You are requested to supply the following services in accordance with the terms of the above reference contract. Only services included in the contract shall be supplied against this task. Please advise the undersigned if the completion date cannot be met. Invoices/progress claims shall be prepared in accordance with the instructions set out in the contract. À L'ENTREPRENEUR Vous êtes prié de fournir les services suivants en conformité des termes du contrat mentionné ci-dessus. Seuls les services mentionnés dans le contrat doivent être fournis à l'appui de cette demande. Prière d'aviser le signataire si la livraison ne peut se faire dans les délais prescrits. Les factures doivent être établies selon les instructions énoncées dans le contrat.	
Delivery location – Expédiez à	<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 40%;"> Date </div> <div style="width: 50%;"> for the Department of National Defence pour le ministère de la Défense nationale </div> </div>	
Contract item no. N° d'article du contrat	Services	Cost Prix
	GST/HST TPS/TVH	
	Total	
<p>APPLICABLE ONLY TO PWGSC CONTRACTS: The Contract Authority signature is required when the total value of the DND 626 exceeds the threshold specified in the contract.</p> <p>NE S'APPLIQUE QU'AUX CONTRATS DE TPSGC : La signature de l'autorité contractante est requise lorsque la valeur totale du formulaire DND 626 est supérieure au seuil précisé dans le contrat.</p> <div style="border-top: 1px solid black; margin-top: 20px; padding-top: 5px;"> for the Department of Public Works and Government Services pour le ministère des Travaux publics et services gouvernementaux </div>		

Instructions for completing DND 626 - Task Authorization

Contract no.

Enter the PWGSC contract number in full.

Task no.

Enter the sequential Task number.

Amendment no.

Enter the amendment number when the original Task is amended to change the scope or the value.

Increase/Decrease

Enter the increase or decrease total dollar amount including taxes.

Previous value

Enter the previous total dollar amount including taxes.

To

Name of the contractor.

Delivery location

Location where the work will be completed, if other than the contractor's location.

Delivery/Completion date

Completion date for the task.

for the Department of National Defence

Signature of the DND person who has delegated **Authority** for signing DND 626 (level of authority based on the dollar value of the task and the equivalent signing authority in the PAM 1.4). **Note:** the person signing in this block ensures that the work is within the scope of the contract, that sufficient funds remain in the contract to cover this task and that the task is affordable within the Project/Unit budget.

Services

Define the requirement briefly (attach the SOW) and identify the cost of the task using the contractor's quote on the level of effort. The Task must use the basis of payment stipulated in the contract. If there are several basis of payment then list here the one(s) that will apply to the task quote (e.g. milestone payments; per diem rates/labour category hourly rates; travel and living rates; firm price/ceiling price, etc.). All the terms and conditions of the contract apply to this Task Authorization and cannot be ignored or amended for this task. Therefore it is not necessary to restate these general contract terms and conditions on the DND 626 Task form.

Cost

The cost of the Task broken out into the individual costed items in **Services**.

GST/HST

The GST/HST cost as appropriate.

Total

The total cost of the task. The contractor may not exceed this amount without the approval of DND indicated on an amended DND 626. The amendment value may not exceed 50% (or the percentage for amendments established in the contract) of the original value of the task authorization. The total cost of a DND 626, including all amendments, may not exceed the funding limit identified in the contract.

Applicable only to PWGSC contracts

This block only applies to those Task Authorization contracts awarded by PWGSC. The contract will include a specified threshold for DND sole approval of the DND 626 and a percentage for DND to approve amendments to the original DND 626. Tasks that will exceed these thresholds must be passed to the PWGSC Contracting Authority for review and signature prior to authorizing the contractor to begin work.

Note:

Work on the task may not commence prior to the date this form is signed by the DA Authority - for tasks within the DND threshold; and by both DND and PWGSC for those tasks over the DND threshold.

Instructions pour compléter le formulaire DND 626 - Autorisation des tâches

N° du contrat

Inscrivez le numéro du contrat de TPSGC en entier.

N° de la tâche

Inscrivez le numéro de tâche séquentiel.

N° de la modification

Inscrivez le numéro de modification lorsque la tâche originale est modifiée pour en changer la portée.

Augmentation/Réduction

Inscrivez le montant total de l'augmentation ou de la diminution, y compris les taxes.

Valeur précédente

Inscrivez le montant total précédent, y compris les taxes.

À

Nom de l'entrepreneur.

Expédié à

Endroit où le travail sera effectué, si celui-ci diffère du lieu d'affaires de l'entrepreneur.

Date de livraison/d'achèvement

Date d'achèvement de la tâche.

pour le ministère de la Défense nationale

Signature du représentant du MDN auquel on a délégué le **pouvoir d'approbation** en ce qui a trait à la signature du formulaire DND 626 (niveau d'autorité basé sur la valeur de la tâche et le signataire autorisé équivalent mentionné dans le MAA 1.4). **Nota :** la personne qui signe cette attache de signature confirme que les travaux respectent la portée du contrat, que suffisamment de fonds sont prévus au contrat pour couvrir cette tâche et que le budget alloué à l'unité ou pour le projet le permet.

Services

Définissez brièvement le besoin (joignez l'ET) et établissez le coût de la tâche à l'aide de la soumission de l'entrepreneur selon le niveau de difficulté de celle-ci. Les modalités de paiement stipulées dans le contrat s'appliquent à la tâche. Si plusieurs d'entre elles sont prévues, énumérez ici celle/celles qui s'appliqueront à la soumission pour la tâche à accomplir (p.ex. acompte fondé sur les étapes franchies; taux quotidien ou taux horaire établi selon la catégorie de main-d'œuvre; frais de déplacement et de séjour; prix fixe ou prix plafond; etc.). Toutes les modalités du contrat s'appliquent à cette autorisation de tâche et ne peuvent être négligées ou modifiées quant à la tâche en question. Il n'est donc pas nécessaire de répéter ces modalités générales afférentes au contrat sur le formulaire DND 626.

Prix

Mentionnez le coût de la tâche en le répartissant selon les frais afférents à chaque item mentionné dans la rubrique **Services**.

TPS/TVH

Mentionnez le montant de la TPS/TVH, s'il y a lieu.

Total

Mentionnez le coût total de la tâche. L'entrepreneur ne peut dépasser ce montant sans l'approbation du MDN, formulaire DND 626 modifié à l'appui. Le coût de la modification ne peut pas être supérieur à 50 p. 100 du montant initial prévu dans l'autorisation de tâche (ou au pourcentage prévu dans le contrat pour les modifications). Le coût total spécifié dans le formulaire DND 626, y compris toutes les modifications, ne peut dépasser le plafond de financement mentionné dans le contrat.

Ne s'applique qu'aux contrats de TPSGC

Le présent paragraphe s'applique uniquement aux autorisations de tâche accordées par TPSGC. On inscrira dans le formulaire DND 626 un plafond précis qui ne pourra être approuvé que par le MDN et un pourcentage selon lequel le MDN pourra approuver des modifications au formulaire DND 626 original. Les tâches dont le coût dépasse ces plafonds doivent être soumises à l'autorité contractante de TPSGC pour examen et signature avant qu'on autorise l'entrepreneur à débiter les travaux.

Nota :

Les travaux ne peuvent commencer avant la date de signature de ce formulaire par le responsable du MDN, pour les tâches dont le coût est inférieur au plafond établi par le MDN, et par le MDN et TPSGC pour les tâches dont le coût dépasse le plafond établi par le MDN.

ANNEX D

INFORMATION FOR CODE OF CONDUCT CERTIFICATION

[PLEASE COMPLETE AND RETURN WITH BID SUBMISSION]

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

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

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

3. For a Joint Venture - the names of all current members of the Joint venture;

4. For an individual - the full name of the person;

Department of National Defence



Statement of Work

Service Contract

Inspection and Testing of Syncrolift Wire Ropes

CFB Halifax, NS

Job No.W684H-210025

2020-10-13

<u>Section</u>	<u>Title</u>	<u>Pages</u>
<u>Division 01 - General Requirements</u>		
01 11 00	General Instructions	2
<u>Division 14 - Conveying Equipment</u>		
14 00 00	Syncrolift Wire Rope Testing	6
14 00 01	Appendix 1 - Anticipated Syncrolift Wire Rope Renewal Schedule	1

PART 1 - GENERAL

- 1.1 DESCRIPTION OF WORK .1 Work under this requirement comprises the furnishing of all labour, material, tools, equipment, transportation, and supervision required to conduct testing to failure of Syncrolift wire ropes ranging in size from 34 mm nominal diameter to 45 mm nominal diameter, as specified herein.
- 1.2 DEPARTMENTAL REPRESENTATIVE .1 All reference to the Departmental Representative in this specification, who is the Contract Inspector which is representing the Real Property Operations Section - Halifax (RPOS(H)).
- 1.3 WORK INCLUDED .1 Work included in this Service Contract comprises the following:
- .1 Conduct testing to failure of Syncrolift wire ropes segments provided by DND on an annual basis as detailed in Section 14 00 00 - Syncrolift Wire Rope Testing.
 - .2 Pick-up and transport of wire rope segments from HMC Dockyard to the testing facility.
 - .3 Provide Departmental Representative with a test report as detailed in Section 14 00 00 - Syncrolift Wire Rope Testing.
 - .4 On completion of testing, dispose of wire rope and reel.
- .2 The Contractor will be notified of additional work as requested by the Departmental Representative with the issue of a DND 626 "Task Authorization" form for the following:
- .1 The conduct of additional wire rope testing above the Service Contract requirements.
- 1.4 PICKUP LOCATION .1 HMC Dockyard , building D294.
- .1 See Section 14 00 00 - Syncrolift Wire Rope Testing for pick-up requirements.

- | | | |
|-------------------------------------|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <u>1.5 SITE ACCESS</u> | .1 | While within the confines of CFB Halifax all employees and representatives of the Contractor must comply with all of the Standing Orders as promulgated by Base/Unit Authorities. |
| <u>1.6 PRE-JOB MEETING</u> | .1 | Immediately upon receipt of award of Service Contract, the successful Contractor will contact the Departmental Representative to arrange a pre-job meeting prior to commencement of any work. |
| | .2 | The Departmental Representative will provide the Contractor with a list of his/her authorized representatives at the pre-job meeting. |
| <u>1.7 WORKMANSHIP</u> | .1 | Workmanship must be the best quality executed by workers experienced and skilled in the respective duties for which they are employed. |
| | .2 | Whenever the Contractor uses subcontractors, they too must perform to and comply with all requirements. |
| <u>1.8 CONTRACTOR'S USE OF SITE</u> | .1 | Contractor will be briefed on use of site by the Departmental Representative. |
| | .2 | The Departmental Representative will brief the Contractor on access to restricted areas. |
| <u>PART 2 - PRODUCTS</u> | | |
| <u>2.1 NOT USED</u> | .1 | Not used. |
| <u>PART 3 - EXECUTION</u> | | |
| <u>3.1 NOT USED</u> | .1 | Not used. |

PART 1 - GENERAL

1.1 PREAMBLE

- .1 The Department of National Defence requires the services of a wire rope testing facility to conduct testing to failure of wire ropes segments ranging in size from 34 mm nominal diameter to 45 mm nominal diameter. Testing will be conducted on an as-needed basis by individual call-up.

1.2 DESCRIPTION OF WIRE ROPES

- .1 The wire rope on the HMC Dockyard Syncrolift is specifically made for the ship lift. It has been designed so that it has a higher breaking strength and different flexibility characteristics than other commercial ropes of the same diameter.
- .2 The wire rope consists of an "Independant Wire Rope Core (IWRC)" with strands made of specially galvanized steel wire. The galvanizing provides a protection to the underlying steel and the special drawing process stops the tendency of the galvanizing to crack and flake.
- .3 The ropes are of Lang's Lay construction to give better resistance to wear and also better flexibility. Right Hand Lang's Lay are supplied for the "A" hoist and Left Hand Lang's Lay are supplied for the "B" hoist. The rope construction allows excellent penetration of the recommended lubricants to provide the required corrosion and wear protection.
- .4 The wire rope reel is color coded by the rope manufacturer, the wire rope open ended socket and the wire rope seized end, to help ensure the correct installation. The Right Hand Lay Rope and "A" side hoist are color coded with GREEN paint and the Left Hand Lay Rope and "B" side hoist are coded with RED paint. The Right Hand Lay Ropes (green) are to be installed on the "A" side hoists. The Left Hand Lay Ropes (red) are to be installed on the "B" side hoists. One end of the wire rope is fitted with an open ended socket by the manufacturer. The installation method results in the socket assembly having 100% of the guaranteed breaking strength of the rope. The other end of the wire rope is a seized end with a Becket Loop for use during installation and removal.

1.2 DESCRIPTION OF WIRE
ROPES

(Cont'd)

- .5 Before installation of a new wire rope on HMC Dockyard Syncrolift, a sample of rope from each master reel is inspected by Lloyds Register and is pull tested to failure by the manufacturer with supervision by Lloyds Register. A master reel certificate is supplied to the customer with Lloyds Register's report. The Certificate is kept in the Operation and Maintenance Manual for the life of all of the rope from that master reel. All wire ropes are provided with a tag to identify the master reel from which they came.

1.3 RENEWAL GROUP

- .1 See Appendix 1 - Anticipated Syncrolift Wire Rope Renewal Schedule.

1.4 DESTRUCTIVE TESTING
AND INSPECTION OF
SYNCROLIFT WIRE ROPES

- .1 The destructive testing and wire rope inspection is required following removal of every old or damaged wire rope from the dockyard Syncrolift. This is required in order to verify the conditions noted by the non-destructive inspections completed through the life span of the wire ropes on the dockyard Syncrolift. Destructive testing must be carried out in accordance with ISO 3108(2017) Steel Wire Ropes - Test Method - Determination of Measured Breaking Force.
- .2 The wire ropes removed for destructive testing in each Renewal Group must be thoroughly inspected by an experienced Wire Rope Engineer and the findings recorded in the "Inspection and Break Test Report". Contractor will be responsible to provide and pay all costs for an experienced Wire Rope Engineer. Such Engineer will be a P.Eng. licensed to practice in Nova Scotia.
- .3 A test to destruction will be performed on a length selected from each wire rope in the Renewal Group by DND's Lloyd's Register Surveyor. All costs for Lloyd's Register Surveyor to be paid by DND. The length selected for testing will be based on the following:
- .1 locations that are hidden by the hoist machinery; or
- .2 locations that are normally in contact with the upper or lower sheaves when the platform is at transfer level (approximately 1980 mm from the socketed end of the wire rope) as specified in this document; or

1.4 DESTRUCTIVE TESTING
AND INSPECTION OF
SYNCROLIFT WIRE ROPES
(Cont'd)

- .3 (Cont'd)
 - .3 the location considered to be the weakest on the basis of the Engineer's visual examination.
- .4 Testing will be required to be conducted within 14 days of pick-up.

1.5 WIRE ROPE
CHARACTERISTICS

- .1 Hoist numbers 1 - 5 A/B:
 - .1 45 mm nominal diameter, length 117.12 metres, breaking strength 190,909 kg, weight spooled about 909 kg per rope.
- .2 Hoist numbers 6 - 15 A/B:
 - .1 45 mm nominal diameter, length 122.31 metres, breaking strength 190,909 kg, weight spooled about 1,000 kg per rope.
- .3 Hoist numbers 16 - 23 A/B:
 - .1 35 mm nominal diameter, length 108.58 metres, breaking strength 120,227 kg, weight spooled about 682 kg per rope.

1.6 INSPECTION AND
BREAK TEST REPORT

- .1 The Contractor must provide and deliver an Inspection and Break Test Report to the DND Civil/Marine Engineer within 30 days of pick-up for each wire rope Renewal Group. The written report will be supplied in PDF format.
- .2 The Inspection and Break Test Report must include at a minimum:
 - .1 a brief description of the test facility, facility location, testing equipment used, and test setup;
 - .2 the date and time of each test, and any other items deemed relevant for each test;
 - .3 the names of the personnel involved in the test and the wire rope Engineer responsible for the test;
 - .4 the actual breaking strength of the wire rope and a copy of the stress (KN) - strain (mm) graph for each of the wire ropes tested to destruction;

1.6 INSPECTION AND
BREAK TEST REPORT
(Cont'd)

- .2 (Cont'd)
- .5 relevant photos showing the testing machinery setup and each wire rope under test;
- .6 photos identifying each wire rope section tested post destruction, after testing has concluded;
- .7 details of any corrosion found, both internal and external on each wire rope;
- .8 the actual diameter of the wire rope measured in at least six different locations along the length of the rope;
- .9 the number and location of any broken wires on each wire rope;
- .10 evidence of rope wear (both external and internal) on each wire rope;
- .11 lubrication coverage (both external and internal) on each wire rope;
- .12 the break test results must be endorsed by the technician(s) conducting the break test; and
- .13 the report must be signed and stamped by the wire rope Engineer in charge of the inspection and break test.

1.7 PICK UP AND SITE
ACCESS INFORMATION

- .1 Contractor must pick-up wire ropes for testing within 48 hours of receiving call-up.
- .2 Pick-up of wire rope segments will be at the HMC Dockyard building D294. Contractor will transport wire ropes from HMC Dockyard in Halifax, Nova Scotia to their testing facility.
- .3 Each wire rope will be wound on a reel by DND prior to pick-up. Equipment will be provided by DND to load the reels onto the Contractor's vehicle.
- .4 The entrance to the dockyard for pick-up will only be through the Rainbow Gate off Valour Way.

1.7 PICK UP AND SITE
ACCESS INFORMATION
(Cont'd)

- .5 Contractor delivery/pick-up personnel requiring entry through Rainbow Gate and into the secure portion of HMC Dockyard must be listed on the Visitor Access List (VAL) for Rainbow Gate for the date(s) of entry. No security clearance will be required.
- .1 DND will submit an electronic VAL template in MS Word DOC format to the Contractor after Contract award. Contractor will be responsible to submit the completed VAL to DND no later than two (2) business days prior to date(s) that access list will be required by the Contractor's pick-up personnel.
- .2 The Contractor will be responsible to submit a new VAL for any additions/deletions of their pick-up personnel requiring access into the secure portion of the HMC Dockyard two (2) business days prior to date(s) that access will be required. Weekends and statutory holidays will not count as business days.
- .3 DND will not be responsible for extra costs to Contractor or subcontractors should VALs not be submitted complete as per above.
- .6 No other access into HMC Dockyard or its buildings will be permitted by Contractor, their employees, or subcontractors. Contractor's pick-up personnel must remain with their vehicle at all times.
- .7 Contractor must provide a point of contact with backup, which will include name, email address, and phone contact details.

1.8 DISPOSAL

- .1 Contractor becomes owner of the wire rope and reels upon pickup from HMC Dockyard.
- .2 Contractor will be responsible to dispose of the wire rope and reels at own cost at completion of testing.

PART 2 - PRODUCTS

2.1 NOT USED

- .1 Not used.

PART 3 - EXECUTION

3.1 NOT USED .1 Not used.

Anticipated Syncrolift Wire Rope Renewal Schedule							
Renewal Group	Winch Number	Wire Rope Quantity	Renewal Dates	Winch Number	Wire Rope Quantity	Renewal Dates	Wire Ropes Tested in Renewal Group
Group 1	1B	1	Oct-Dec 2020	1A	1	Oct-Dec 2020	Completed in 2020
	2B	1	Oct-Dec 2020	2A	N/A	N/A Changed 11-May-18	
	3B	1	Oct-Dec 2020	3A	1	Oct-Dec 2020	
	4B	1	Oct-Dec 2020	4A	1	Oct-Dec 2020	
	5B	1	Oct-Dec 2020	5A	1	Oct-Dec 2020	
Group 2	6B	1	May-Oct 2021	6A	1	May-Oct 2021	10
	7B	1	May-Oct 2021	7A	1	May-Oct 2021	
	8B	1	May-Oct 2021	8A	1	May-Oct 2021	
	9B	1	May-Oct 2021	9A	1	May-Oct 2021	
	10B	1	May-Oct 2021	10A	1	May-Oct 2021	
Group 3	11B	1	May-Oct 2022	11A	1	May-Oct 2022	10
	12B	1	May-Oct 2022	12A	1	May-Oct 2022	
	13B	1	May-Oct 2022	13A	1	May-Oct 2022	
	14B	1	May-Oct 2022	14A	1	May-Oct 2022	
	15B	1	May-Oct 2022	15A	1	May-Oct 2022	
Group 4	16B	1	May-Oct 2023	16A	1	May-Oct 2023	7
	17B	1	May-Oct 2023	17A	N/A	N/A Changed 9-Jan-20	
	18B	1	May-Oct 2023	18A	1	May-Oct 2023	
	19B	1	May-Oct 2023	19A	1	May-Oct 2023	
Group 5	20B	1	Apr-Jun 2024	20A	1	Apr-Jun 2024	8
	21B	1	Apr-Jun 2024	21A	1	Apr-Jun 2024	
	22B	1	Apr-Jun 2024	22A	1	Apr-Jun 2024	
	23B	1	Apr-Jun 2024	23A	1	Apr-Jun 2024	
Notes: All wire ropes will be changed by DND before 30 June 2024 as per Lloyds Register rules.							