



**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
Réception des soumissions - TPSGC / Bid Receiving  
- PWGSC  
1550 Avenue d'Estimauville  
1550 D'Estimauville Avenue  
Québec  
Québec  
G1J 0C7

**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**

<b>Title - Sujet</b> Hydraulic Hoses for CCG cranes	
<b>Solicitation No. - N° de l'invitation</b> F3774-17N356/A	<b>Date</b> 2017-11-29
<b>Client Reference No. - N° de référence du client</b> F3774-17N356	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$QCW-027-17270	
<b>File No. - N° de dossier</b> QCW-7-40185 (027)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2018-01-09</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Heure Normale du l'Est HNE
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Bernier, Odette	<b>Buyer Id - Id de l'acheteur</b> qcw027
<b>Telephone No. - N° de téléphone</b> (418) 649-2813 ( )	<b>FAX No. - N° de FAX</b> (418) 648-2209
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> MINISTERE DES PECHEES ET DES OCEANS NGCC Caporal Kaeble v.c. 101 boulevard Champlain Att. C/E QUEBEC Québec G1K7Y7 Canada	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

**Vendor/Firm Name and Address**  
**Raison sociale et adresse du**  
**fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**  
TPSGC - PWGSC  
601 - 1550 Avenue d'Estimauville  
Québec  
Québec  
G1J 0C7

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

---

**TITLE: HYDRAULIC HOSES FOR THE CANADIAN COAST GUARD CRANES**

**TABLE OF CONTENTS**

<b>PART 1 - GENERAL INFORMATION .....</b>	<b>3</b>
1.1 INTRODUCTION.....	3
1.2 REQUIREMENT .....	3
1.3 DEBRIEFINGS .....	3
1.4 TRADE AGREEMENTS .....	3
<b>PART 2 - BIDDER INSTRUCTIONS .....</b>	<b>4</b>
2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS.....	4
2.2 SUBMISSION OF BIDS.....	4
2.3 ENQUIRIES - BID SOLICITATION.....	4
2.4 APPLICABLE LAWS.....	4
<b>PART 3 - BID PREPARATION INSTRUCTIONS.....</b>	<b>5</b>
3.1 BID PREPARATION INSTRUCTIONS .....	5
<b>PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION .....</b>	<b>6</b>
4.1 EVALUATION PROCEDURES.....	6
4.2 BASIS OF SELECTION – MANDATORY TECHNICAL CRITERIA .....	6
<b>PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION .....</b>	<b>7</b>
5.1 CERTIFICATIONS REQUIRED WITH THE BID .....	7
5.2 CERTIFICATIONS PRECEDENT TO CONTRACT AWARD AND ADDITIONAL INFORMATION .....	7
<b>PART 6 - RESULTING CONTRACT CLAUSES .....</b>	<b>8</b>
6.1 SECURITY REQUIREMENTS .....	8
6.2 REQUIREMENT .....	8
6.4 TERM OF CONTRACT .....	8
6.5 AUTHORITIES .....	9
6.6 PAYMENT .....	10
6.7 INVOICING INSTRUCTIONS .....	10
6.8 CERTIFICATIONS AND ADDITIONAL INFORMATION.....	10
6.9 APPLICABLE LAWS.....	10
6.10 PRIORITY OF DOCUMENTS .....	11
6.11 SACC MANUAL CLAUSES .....	11
6.12 INSPECTION AND ACCEPTANCE .....	11
6.13 SHIPPING INSTRUCTIONS - DELIVERY AT DESTINATION .....	11
<b>ANNEX A- REQUIREMENT .....</b>	<b>12</b>
<b>ANNEX B- BASIS OF PAYMENT .....</b>	<b>15</b>
<b>ANNEX C- MANDATORY TECHNICAL CRITERIA .....</b>	<b>17</b>

## **PART 1 - GENERAL INFORMATION**

### **1.1 Introduction**

The bid solicitation is divided into six parts plus annexes, as follows:

- Part 1            General Information: provides a general description of the requirement;
- Part 2            Bidder Instructions: provides the instructions, clauses and conditions applicable to the bid solicitation;
- Part 3            Bid Preparation Instructions;
- Part 4            Evaluation procedures and basis of selection;
- Part 5            Certifications: includes the certifications to be provided;
- Part 6            Resulting Contract Clauses: includes the clauses and conditions that will apply to any resulting contract.

The Annexes include the Requirement, the Basis of payment and the Mandatory technical Criteria.

### **1.2 Requirement**

Canadian Coast Guard (CCG) has a requirement for the acquisition of four (4) datasets hydraulic hoses for cranes that are placed on a bridge opened on a ship who operates the summer and winter in Canada, including the option to purchase an additional set of hydraulic hoses as described in Annex A - Requirement of this request for proposal.

### **1.3 Debriefings**

Bidders may request a debriefing on the results of the bid solicitation. Bidders should make the request to the Contracting Authority within **fifteen (15)** working days of receipt of notification that their bid was unsuccessful. The debriefing may be provided in writing, by telephone or in person.

### **1.4 Trade Agreements**

The requirement is subject to the provisions of the North American Free Trade Agreement (NAFTA), and the Agreement on Internal Trade (AIT).

## **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 (2017-04-27) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

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

B1000T (2014-06-26) Condition of material – Bid

### **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 on page 1 of the bid solicitation.

Your proposal can be transmitted by fax to # 418-648-2209 or by mail to the following address:

Bid Receiving Unit  
Public Works and Government Services Canada (PWGSC)  
601-1550 D'Estimauville Avenue  
Quebec City, Quebec, Canada, G1J 0C7

### **2.3 Enquiries - Bid Solicitation**

All enquiries must be submitted in writing to the Contracting Authority [Odette.Bernier@tpsgc-pwgsc.gc.ca](mailto:Odette.Bernier@tpsgc-pwgsc.gc.ca) no later than seven (7) calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by Bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all Bidders. Enquiries not submitted in a form that can be distributed to all Bidders may not be answered by Canada.

### **2.4 Applicable Laws**

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in the Province of Quebec.

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.

## **PART 3 - BID PREPARATION INSTRUCTIONS**

### **3.1 Bid Preparation Instructions**

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

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

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 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](http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). 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 – Annex B. The total amount of Applicable Taxes must be shown separately.

##### **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**

- a) The bid must meet the mandatory technical criteria specified at Annex C. Bidders must provide the necessary documentation to support compliance with this requirement.
- b) Bids which fail to meet the mandatory technical criteria will be declared non-responsive.
- c) Each mandatory technical criteria must be addressed separately.

#### **4.1.2 Financial Evaluation**

- a) The price of the bid will be evaluated in Canadian dollars, Applicable Taxes excluded, **(DDP) Delivered Duty Paid at destination**, Canadian customs duties and excise taxes included.
- b) Unless the bid solicitation specifically requires bids to be submitted in Canadian currency, bids submitted in foreign currency will be converted to Canadian currency for evaluation purposes. The rate given by the Bank of Canada in effect on the bid solicitation closing date, or on another date specified in the bid solicitation, will be applied as a conversion factor to the bids submitted in foreign currency.
- c) The financial evaluation will be conducted including the total amount of Part A (firm requirement) and Part B (optional requirement) in Annex B.

### **4.2 Basis of Selection – 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 evaluated price (Annex B) 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 section titled Information to be provided when bidding, contracting or entering into a real procurement 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 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 [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](http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969) website ([http://www.esdc.gc.ca/en/jobs/workplace/human\\_rights/employment\\_equity/federal\\_contractor\\_program.page?&\\_ga=1.229006812.1158694905.1413548969](http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_contractor_program.page?&_ga=1.229006812.1158694905.1413548969)).

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 this contract.

### **6.2 Requirement**

The Contractor shall supply and deliver four (4) datasets hydraulic hoses to the Canadian Coast Guard in two different locations, in accordance with the Requirement at Annex A.

#### **6.2.1 Optional Goods and/or Services**

The Contractor grants to Canada the irrevocable option to acquire an additional set of hydraulic hoses as described at Annex 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 options within two (2) years after contract award by sending written notice to the Contractor.

### **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](#) (2016-04-04), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

### **6.4 Term of Contract**

#### **6.4.1 Period of the Contract**

The contract period is from the date of contract award until the end of the warranty period inclusively.

#### **6.4.2 Delivery Date**

All the deliverables must be received no later than three (3) weeks of contract award.

#### **6.4.3 Delivery Points**

Delivery of the requirement will be made to delivery points specified at Annex "A" of the Contract.

## 6.5 Authorities

### 6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Odette Bernier  
Title: Procurement Agent  
Public Works and Government Services Canada  
Eastern Quebec Directorate  
Address: 601-1550 D'Estimauville Avenue,  
Quebec City, Quebec, Canada  
G1J 0C7  
Telephone: 418-649-2813  
Facsimile: 418-648-2209  
E-mail: [Odette.Bernier@tpsgc-pwgsc.gc.ca](mailto:Odette.Bernier@tpsgc-pwgsc.gc.ca)

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

### 6.5.2 Project Authority

The Project Authority for the Contract is: *(will be completed at contract award)*

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 Contractor's Representative

Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_  
Telephone: \_\_\_\_-\_\_\_\_-\_\_\_\_\_  
Facsimile: \_\_\_\_-\_\_\_\_-\_\_\_\_\_  
E-mail address: \_\_\_\_\_

## 6.6 Payment

### 6.6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price, as specified in Annex B for a cost of \$ \_\_\_\_\_ (*insert the amount at contract award*). Customs duties are *included* and Applicable Taxes are extra.

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

### 6.6.2 Terms of payment

SACC Manual Clause H1001C, (2008-05-12) Multiple Payments

## 6.7 Invoicing Instructions

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

[DFO.invoicing-facturation.MPO@canada.ca](mailto:DFO.invoicing-facturation.MPO@canada.ca)

Important:

Write the name of the following person on invoice;

\_\_\_\_\_ (*to be completed at Contract award*)

AND

3. An electronic copy must be transmitted 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 the Province of Quebec.

## 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 (2016-04-04) Goods (Medium Complexity);
- c) Annex «A», Requirement;
- d) Annex «B», Basis of payment;
- e) The Contractor's bid dated \_\_\_\_\_ (*insert date of bid*)

## 6.11 SACC Manual Clauses

G1005C	2016-01-28	Insurance
D9002C	2007-11-30	Incomplete Assemblies
A9006C	2012-07-16	Defence Contract
B7500C	2016-06-16	Excess Goods

## 6.12 Inspection and Acceptance

The Project Authority is the Inspection Authority. All reports, deliverable items, documents, goods and all services rendered under the Contract are subject to inspection by the Inspection Authority or representative. Should any report, document, good or service not be in accordance with the requirements of the Statement of Work and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

## 6.13 Shipping Instructions - Delivery at Destination

Goods must be consigned to the destination specified in the Contract and **delivered (DDP) Delivered Duty Paid, as per Incoterms 2000 for shipments from commercial contractor, to the two following sites:**

**Quantity: 1 hose kit will be delivered to:**

Department of Fisheries and Oceans Canada  
Canadian Coast Guard (CCG)  
CCGS Caporal Kaeble V.C.  
101 Champlain Blvd  
Quebec, QC G1K 7Y7  
Canada

**AND**

**Quantity: 3 hose kit will be delivered to:**

Department of Fisheries and Oceans Canada  
Canadian Coast Guard (CCG)  
CCGS Caporal Teather  
867 Lakeshore Road  
Burlington, ON L7S 1A1  
Canada

## ANNEX A- REQUIREMENT

### PART 1. SCOPE

- 1.1 The purpose of this Requirement is to provide hydraulic hoses for the Canadian Coast Guard cranes on an open deck for a vessel operating in the summer and the winter in Canada.

### PART 2. REFERENCES (DRAWINGS / STANDARDS / REGULATIONS)

#### 2.1 Standards

ISO 11237 type R17	compact braid reinforced hydraulic type for oil based or water based fluids specification
ISO 3862-1/EN856/R12/25	Rubber hoses and hose assemblies—rubber covered spiral wire reinforced hydraulic types for oil based or water based fluids -- specification
SAE J517 100R17	Hydraulic hoses
SAE J1942	Qualified hoses for marine applications
MSHA	Mine Safety and health Administration
SAE J343	Test and Procedure for SAE 100R series Hydraulic Hose and Hose Assemblies

### PART 3. TECHNICAL DATA

#### 3.1 Products must meet the following minimum technical requirements:

- .1 Compatible with hydraulic oil

#### 3.2 Hoses

- .1 The Contractor must supply casings that were manufactured in 2017 or later.  
.2 The Contractor shall supply each hose with caps at each end.  
.3 The casings must be of quality that meets or exceeds a SAE J517 100R17 or 100R12 And ISO 3862-1 / EN856 / R12 / 25  
.4 The Contractor must provide hoses with an anti-abrasion resistance.  
.5 The Contractor must provide hoses that meet the MSHA standard.  
.6 The Contractor shall supply hoses that are qualified for marine use in accordance with J1942.  
.7 The hoses must have a compact bend radius of at most ½ of the SAE 100R1 standard.

#### 3.3 Ends

- .1 The Contractor must supply 316 Stainless Steel  
.2 O-Ring face type for end caps mentioned as FR  
.3 O-Ring type faces 90degrees mentioned as FRB Flange type  
.4 O-Ring at 90 degrees referred to as FHB type 62

### 3.4. Test and markings on the hoses

- .1 The contractor will test each hose once assembled with the ends.
- .2 The Contractor shall perform the tests in accordance with the SAE J343 test procedures.
- .3 The contractor will enter the test parameters and date on a stainless steel ring on each of the hoses.

## PART 4 DELIVERY

### 4.1 Deliverables

The Contractor must delivered 4 kits of hoses that are defined as follow  
**One hose kit includes the following material:**

							<i>(to be completed at Contract award)</i>	
Item no.	Qty	Size of End	Size of End	Hose diameter	Minimum service pressure resistance	Lenght overall	Brand Name	Model Number
1	1	SS 20FR	SS 20FR	1 ¼"	3000 Psi	42		
2	1	SS20FR	SS 20FRB	1 ¼"	3000 Psi	42		
3	1	SS16FR	SS 16FRB	1 ¼"	3000 Psi	55		
4	1	SS16FR	SS 16FHB	1"	4000 Psi	130		
5	1	SS 6FR	SS 6FR	1"	4000 Psi	146		
6	1	SS10FR	SS 10FRB	3/8"	3000 Psi	321		
7	1	SS 10FR	SS 10FR	5/8"	3000 Psi	23		
8	1	SS 10FR	SS 10FR	5/8"	3000 Psi	27		
9	1	SS 10FR	SS 10FRB	5/8"	3000 Psi	36		
10	2	SS 4FR	SS 4FR	5/8"	3000 Psi	48		
11	1	SS 6FR	SS 6FR	1/4"	3000 Psi	19		
12	2	SS16FR	SS 16FRB	3/8"	3000 Psi	60		
13	1	SS 4FR	SS 4FR	1"	3000 Psi	32		
14	1	SS16FR	SS 16FHB	1/4"	3000 Psi	38		
15	1	SS 16FR	SS 16FR	1"	3000 Psi	147		
16	2	SS 12FR	SS 12FR	1"	3000 Psi	142		
17	2	SS 12FR	SS 12FR	3/4"	3000 Psi	120		
18	2	SS 8FR	SS 8FR	3/4"	3000 Psi	64		
19	2	SS 8FR	SS 8FR	1/2"	3000 Psi	80		

**4.2 Delivery locations - Delivery Duty Paid (DDP) to destination.**

The equipment must be delivered as follows:

**Quantity: 1 hose kit will be delivered to:**

Department of Fisheries and Oceans Canada  
Canadian Coast Guard (CCG)  
CCGS Caporal Kaeble V.C.  
101 Champlain Blvd  
**Quebec, QC**  
G1K 7Y7  
Canada

**AND**

**Quantity: 3 hose kits will be delivered to:**

Department of Fisheries and Oceans Canada  
Canadian Coast Guard (CCG)  
CCGS Caporal Teather  
867 Lakeshore Road  
**Burlington, ON**  
L7S 1A1  
Canada

**PART 5. PURCHASE OPTION – DELIVERY ADDRESS**  
**Delivery Duty Paid (DDP) to destination.**

**5.1 Option to purchase a fifth set of hoses**

This additional set of hoses will be delivered to the following address:

**Quantity: 1 hose kit will be delivered to:**

Department of Fisheries and Oceans Canada  
Canadian Coast Guard (CCG)  
CCGS Caporal Kaeble V.C.  
101 Champlain Blvd  
**Quebec, QC**  
G1K 7Y7  
Canada

### ANNEX B- BASIS OF PAYMENT

The price of the bid must be in Canadian dollars, (DDP) Delivered Duty Paid at destination, Incoterms 2000. The Canadian customs duties and excise taxes included, and applicable taxes are extra.

The financial evaluation will be conducted including the total amount of Part A (firm requirement) and Part B (optional requirement) in Annex B.

#### PARTIE A :

A. <b>FIRM REQUIREMENT - DELIVERABLES</b>					
Item	Description	QTY	UD	Unit Price (CAD \$)	Total Price (CAD \$)
1	<b>Set of hydraulic hoses</b> in accordance with the Requirement in Annex A.	4	EACH	_____ \$	_____ \$
2	Delivery charge (DDP) Delivery Duty Paid to Destination at Canadian Coast Guard, <b>Quebec, Quebec</b> , Canada, including customs duties and handling. <b>(1 Sets of hydraulic hoses)</b>	1	LOT	_____ \$	_____ \$
3	Delivery charge (DDP) Delivery Duty Paid to Destination at Canadian Coast Guard, <b>Burlington, Ontario</b> , Canada, including customs duties and handling. <b>(3 Sets of hydraulic hoses)</b>	1	LOT	_____ \$	_____ \$
<b>Sub-total Part A: (Applicable Taxes excluded)</b>					_____ \$

N° de l'invitation - Solicitation No.  
F3774-17N356/A  
N° de réf. du client - Client Ref. No.  
F3774-17N356

N° de la modif - Amd. No.  
File No. - N° du dossier  
QCW-7-40185

Id de l'acheteur - Buyer ID  
QCW027  
N° CCC / CCC No./ N° VME - FMS

**PARTIE B :**

<b>B. OPTIONAL REQUIREMENT – DELIVERABLE ON REQUEST</b>					
<b>Option to purchase an additional hydraulic hoses</b>					
Item	Description	QTY	UD	Unit Price (CAD \$)	Total Price (CAD \$)
1	<b>Set of hydraulic hoses</b> in accordance with the Requirement in Annex A.	1	EACH	_____ \$	_____ \$
2	<b>(DDP) Delivery Duty Paid at Destination to Canadian Coast Guard, Quebec, Quebec, Canada, including customs duties, handling and delivery. (1 Sets of hydraulic hoses)</b>	1	LOT	_____ \$	_____ \$
<b>Sub-total Part B: (Applicable Taxes excluded)</b>					_____ \$
<b>TOTAL (Part A + Part B): (Applicable Taxes excluded)</b>					_____ \$

## ANNEX C- MANDATORY TECHNICAL CRITERIA

The bid must meet the mandatory technical criteria specified in this annex. Bidders must provide the necessary documentation to support compliance with this requirement.

Bids which fail to meet the mandatory technical criteria will be declared non-responsive. Each mandatory criterion should be addressed separately.

### **Mandatory Criteria – Equipment Minimum Performance Characteristics Selected from Annex A.**

- a) Bidders must proposed a product, which is not a prototype or test unit but a standard proven product of the manufacturer and contain reliable state-of-the-art technology
- b) Although Bidders must propose products meeting all "minimum performance characteristics of equipment" required in Annex A; at the bid closing date, bids will be evaluated on the "minimum performance characteristics of equipment selected" listed in the table of "Minimum performance characteristics of equipment selected of Annex A".
- c) Simply stating that the proposed product complies or that it meets the "minimum performance characteristics of equipment selected" is not enough. **To demonstrate that their products offered meet all the “minimum performance specifications selected”, bidders must attach the technical documents with their bid or two days of the request of the PWGSC procurement officer.**
- d) Bidders should complete the last column of the "Table of minimum performance characteristics of equipment selected of Annex A" hereafter using cross-referenced to the proofs of compliance; Bidders should indicate where in the bid the reference material can be found, including the title of the document, and the page and paragraph numbers. The proofs of compliance must provide sufficient detail and explanation to allow evaluation and demonstrate that each the "minimum performance characteristics of equipment selected" is met.
- e) The Bidder must provide brand name, model number for the items described in the Tables below.
- f) **Proof of compliance** is defined as a document, such as a brochure and/or technical literature and/or a third party test report provided by a nationally and/or internationally recognized testing facility and/or a report generated by a nationally and/or internationally recognized third party software.
- g) **Canada will evaluate only the documentation provided with a bidder's bid. Canada will not evaluate information such as references to Web site addresses where a can be found, or technical manuals or brochures not submitted with the bid.**

<b>TABLE OF MANDATORY TECHNICAL SPECIFICATION SET OF HYDRAULIC HOSES</b>		
<b>No.</b>	<b>Minimum mandatory technical criteria of equipment selected to Annex A.</b>	<b>Bidder's Substantiation</b> (should indicate the reference to the technical documentation included in Bid; such as title, page, section, paragraph)
1	Compatible with hydraulic oil.	
2	The casings must be of quality that meets or exceeds a SAE J517 100R17 or 100R12 And ISO 3862-1 / EN856 / R12 / 25	
3	The Contractor must provide hoses that meet the MSHA standard.	
4	The Contractor shall supply hoses that are qualified for marine use in accordance with J1942.	
5	The hoses must have a compact bend radius of at most ½ of the SAE 100R1 standard.	
6	The minimum service pressure resistance included in the compliance table components of a set of hydraulic hoses must be as follows: Items 4 and 5 : 4000 Psi Items 1 to 3, and 6 to 19 : 3000 Psi	

**TABLE OF COMPLIANCE  
 OF THE COMPONENTS OF A SET OF HYDAULIC HOSES  
 FROM ANNEX A - REQUIREMENT**

Complete the information requested in the 2 columns below.							
Item no.	Size of End	Size of End	Hose diameter	Minimum service pressure resistance	Lenght overall	Brand Name	Model Number
1	SS 20FR	SS 20FR	1 ¼"	3000 Psi	42		
2	SS20FR	SS 20FRB	1 ¼"	3000 Psi	42		
3	SS16FR	SS 16FRB	1 ¼"	3000 Psi	55		
4	SS16FR	SS 16FHB	1"	4000 Psi	130		
5	SS 6FR	SS 6FR	1"	4000 Psi	146		
6	SS10FR	SS 10FRB	3/8"	3000 Psi	321		
7	SS 10FR	SS 10FR	5/8"	3000 Psi	23		
8	SS 10FR	SS 10FR	5/8"	3000 Psi	27		
9	SS 10FR	SS 10FRB	5/8"	3000 Psi	36		
10	SS 4FR	SS 4FR	5/8"	3000 Psi	48		
11	SS 6FR	SS 6FR	1/4"	3000 Psi	19		
12	SS16FR	SS 16FRB	3/8"	3000 Psi	60		
13	SS 4FR	SS 4FR	1"	3000 Psi	32		
14	SS16FR	SS 16FHB	1/4"	3000 Psi	38		
15	SS 16FR	SS 16FR	1"	3000 Psi	147		
16	SS 12FR	SS 12FR	1"	3000 Psi	142		
17	SS 12FR	SS 12FR	3/4"	3000 Psi	120		
18	SS 8FR	SS 8FR	3/4"	3000 Psi	64		
19	SS 8FR	SS 8FR	1/2"	3000 Psi	80		