



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

**Bid Receiving - PWGSC / Réception des  
soumissions - TPSGC**  
11 Laurier St. / 11, rue Laurier  
Place du Portage , Phase III  
Core 0B2 / Noyau 0B2  
Gatineau  
Québec  
K1A 0S5  
Bid Fax: (819) 997-9776

**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> Sea Water Strainers	
<b>Solicitation No. - N° de l'invitation</b> F7044-150045/A	<b>Date</b> 2015-12-08
<b>Client Reference No. - N° de référence du client</b> F7044-150045	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$ML-047-25548	
<b>File No. - N° de dossier</b> 047ml.F7044-150045	<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 2016-01-18</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Standard Time EST
<b>F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input checked="" type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Girard, Caroline	<b>Buyer Id - Id de l'acheteur</b> 047ml
<b>Telephone No. - N° de téléphone</b> (819) 956-5056 ( )	<b>FAX No. - N° de FAX</b> (819) 956-0897
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> See Herein	

**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**

Marine Machinery and Services / Machineries et services  
maritimes  
11 Laurier St. / 11, rue Laurier  
6C2, Place du Portage  
Gatineau  
Québec  
K1A 0S5

<b>Delivery Required - Livraison exigée</b> See Herein	<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/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

---

## TABLE OF CONTENTS

<b>PART 1 - GENERAL INFORMATION .....</b>	<b>3</b>
1.1 SECURITY REQUIREMENTS .....	3
1.2 STATEMENT OF WORK.....	3
1.3 DEBRIEFINGS .....	3
1.4 DELIVERY SCHEDULE .....	3
1.5 TRADE AGREEMENTS .....	3
<b>PART 2 - BIDDER INSTRUCTIONS .....</b>	<b>3</b>
2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS.....	3
2.2 SUBMISSION OF BIDS.....	4
2.3 ENQUIRIES - BID SOLICITATION.....	4
2.4 APPLICABLE LAWS.....	4
2.5 OPTIONAL SITE VISIT – VESSEL.....	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.....	7
<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>9</b>
6.1 SECURITY REQUIREMENTS .....	9
6.2 STATEMENT OF WORK.....	9
6.3 STANDARD CLAUSES AND CONDITIONS.....	9
6.4 TERM OF CONTRACT .....	9
6.5 AUTHORITIES .....	10
6.6 PAYMENT .....	11
6.7 INVOICING INSTRUCTIONS .....	11
6.8 CERTIFICATIONS .....	12
6.9 APPLICABLE LAWS.....	12
6.10 PRIORITY OF DOCUMENTS .....	12
6.11 SACC <i>MANUAL</i> CLAUSES .....	12
6.12 SHIPPING INSTRUCTIONS – DELIVERY AT DESTINATION .....	12
<b>ANNEX "A" .....</b>	<b>15</b>
STATEMENT OF WORK .....	15
<b>ANNEX "B" .....</b>	<b>16</b>
BASIS OF PAYMENT .....	16
<b>ANNEX "C" .....</b>	<b>17</b>
DELIVERY SCHEDULE .....	17

Solicitation No. - N° de l'invitation  
F7044-150045/A  
Client Ref. No. - N° de réf. du client  
F7044-150045

Amd. No. - N° de la modif.  
File No. - N° du dossier  
047ml.F7044-150045

Buyer ID - Id de l'acheteur  
047ml  
CCC No./N° CCC - FMS No./N° VME

---

<b>ANNEX "D"</b> .....	<b>18</b>
MANDATORY TECHNICAL CRITERIA.....	18
<b>ANNEX "E"</b> .....	<b>20</b>
FINANCIAL BID PRESENTATION SHEET .....	20

---

## PART 1 - GENERAL INFORMATION

### 1.1 Security Requirements

There is no security requirement applicable to this Contract.

### 1.2 Statement of Work

The Canadian Coast Guard (CCG) has a requirement to purchase two (2) Sea Water Strainers for the ship service generator cooling system for trial aboard a Hero Class Mid Shore Patrol Vessel in accordance with Annex "A" – Statement of Work.

This requirement includes an option to purchase an additional sixteen (16) units pending the results of the trial. Canada may exercise this option by 31 March 2016.

### 1.3 Debriefings

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

### 1.4 Delivery Schedule

The Bidder shall propose a delivery schedule to meet the requirements contained herein. Canada requires that the deliverables to be ready for acceptance, that is, complete in all respects and with all testing successfully completed, when applicable, this in accordance with the contract, no later than:

#	Description	Weeks after Contract Award (CA)
1	Submission of Sea Water Strainer design and drawings for approval by CCG as per the section 3 of Annex "A" Statement of Work	CA + 2 weeks
2	Delivery of the Sea Water Strainer Trial Units to CCG	On or before March 25, 2016

### 1.5 Trade Agreements

The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), 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>) 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.

Solicitation No. - N° de l'invitation  
F7044-150045/A  
Client Ref. No. - N° de réf. du client  
F7044-150045

Amd. No. - N° de la modif.  
File No. - N° du dossier  
047ml.F7044-150045

Buyer ID - Id de l'acheteur  
047ml  
CCC No./N° CCC - FMS No./N° VME

---

The 2003 (2015-07-03) 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.

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

All enquiries must be submitted in writing to the Contracting Authority no later than five (5) calendar days before the bid closing date. Enquiries received after that time may not be answered.

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

### **2.4 Applicable Laws**

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

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

### **2.5 Optional Site Visit – Vessel**

It is recommended that the Bidder or a representative of the Bidder visit the work site. Arrangements have been made for the site visit to be held at Canadian Centre for Inland Waters, 867 Lakeshore Rd. Burlington, ON, L7S 1A1 on December 21<sup>st</sup>, 2015. The site visit will begin at 14:00 EST.

Bidders are requested to communicate with the Contracting Authority no later than December 17<sup>th</sup>, 2015 at 14:00 EST to confirm attendance and provide the name(s) of the person(s) who will attend. Bidders may be requested to sign an attendance sheet. Bidders who do not attend or do not send a representative will not be given an alternative appointment but they will not be precluded from submitting a bid. Any clarifications or changes to the bid solicitation resulting from the site visit will be included as an amendment to the bid solicitation.

---

## 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 (two (2) hard copies)
- Section II: Financial Bid (one (1) hard copy)
- Section III: Certifications (one (1) hard copy)
- Section IV: Delivery Schedule (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 demonstrate their understanding of the requirements contained in the bid solicitation and explain how they will meet these requirements. Bidders should demonstrate their capability and describe their approach in a thorough, concise and clear manner for carrying out the work.

The technical bid should address clearly and in sufficient depth the points that are subject to the evaluation criteria against which the bid will be evaluated. Simply repeating the statement contained in the bid solicitation is not sufficient. In order to facilitate the evaluation of the bid, Canada requests that bidders address and present topics in the order of the evaluation criteria under the same headings. To avoid duplication, bidders may refer to different sections of their bids by identifying the specific paragraph and page number where the subject topic has already been addressed.

Bids shall follow all instructions, general terms, conditions and clauses identified herein by title, number and date. All references to descriptive material, technical manuals and brochures included as part of this Bid should be referenced accordingly.

The Technical Bid must include:

- (a) Duly completed Mandatory Technical Criteria as per Annex "D".

## **Section II: Financial Bid**

Bidders must submit their financial bid in accordance with the Annex "E" Financial Bid Presentation Sheet. The total amount of Applicable Taxes must be shown separately.

As per Part 1, Section 1.2, Canada may exercise the option by 31 March 2016 to purchase an additional sixteen (16) units pending results of the trial.

As per Financial Bid Presentation Sheet of Annex "E", Bidders shall provide prices for the initial two (2) units with prices for both a 316 stainless steel screen and a 90/10 Copper Nickel screen as well as for the optional units with a 90/10 Copper Nickel screen only. **All prices provided by the Bidders for the optional units shall be valid for one (1) year following contract award.**

All quantities ordered by Canada shall be invoiced in accordance with the prices in the Basis of Payment of Annex "B".

### **3.1.1 Exchange Rate Fluctuation**

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

### **3.1.2 SACC Manual Clauses**

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

Bidders must submit the certifications required under Part 5.

#### **Section IV: Delivery Schedule**

Bidders must submit the Delivery schedule in accordance with Annex "C" – Delivery Schedule.

## **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**

The Mandatory Deliverables required with any bid are described in the Annex "D" – Mandatory Technical Criteria.

#### **4.1.2 Financial Evaluation**

The price of the bid will be evaluated in Canadian dollars, Applicable Taxes excluded, Delivery Duty Paid (DDP) destination Incoterms 2000, Canadian customs duties and excise taxes included.

## **4.2 Basis of Selection**

A bid must comply with the requirements of the bid solicitation and meet all mandatory technical evaluation criteria of Annex "D" – Mandatory Technical Criteria and all Financial Evaluation Criteria to be declared responsive. The responsive bid with the lowest total evaluated price of Annex "E" Financial Bid Presentation Sheet 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. 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 Declaration of Convicted Offences**

As applicable, pursuant to subsection Declaration of Convicted Offences of section 01 of the Standard Instructions, the Bidder must provide with its bid, a completed [Declaration Form](http://www.tpsgc-pwgsc.gc.ca/ci-if/formulaire-form-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/formulaire-form-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 – List of Names**

Bidders who are incorporated, including those bidding as a joint venture, must provide a complete list of names of all individuals who are currently directors of the Bidder.

Bidders bidding as sole proprietorship, as well as those bidding as a joint venture, must provide the name of the owner(s).

Bidders bidding as societies, firms or partnerships do not need to provide lists of names.

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



Solicitation No. - N° de l'invitation  
F7044-150045/A  
Client Ref. No. - N° de réf. du client  
F7044-150045

Amd. No. - N° de la modif.  
File No. - N° du dossier  
047ml.F7044-150045

Buyer ID - Id de l'acheteur  
047ml  
CCC No./N° CCC - FMS No./N° VME

---

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](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)" list ([http://www.labour.gc.ca/eng/standards\\_equity/eq/emp/fcp/list/inelig.shtml](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)) available from [Employment and Social Development Canada \(ESDC\) - Labour's](#) website.

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 this Contract.

### **6.2 Statement of Work**

The Canadian Coast Guard (CCG) has a requirement to purchase two (2) Sea Water Strainers for the ship service generator cooling system for trial aboard a Hero Class Mid Shore Patrol Vessel in accordance with Annex "A" – Statement of Work.

This requirement includes an option to purchase an additional sixteen (16) units pending the results of the trial. Canada may exercise this option by 31 March 2016.

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

### **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](#) (2015-09-03), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

#### **6.3.2 Supplemental General Conditions**

[4006](#) (2010-08-16), Contractor to Own Intellectual Property Rights in Foreground Information.

### **6.4 Term of Contract**

#### **6.4.1 Delivery Date**

All the deliverables must be received on or before March 25<sup>th</sup>, 2016.

The contract will remain active for one (1) year following the contract award or until Canada gives a written confirmation that the option will not be exercised.

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

Solicitation No. - N° de l'invitation  
F7044-150045/A  
Client Ref. No. - N° de réf. du client  
F7044-150045

Amd. No. - N° de la modif.  
File No. - N° du dossier  
047ml.F7044-150045

Buyer ID - Id de l'acheteur  
047ml  
CCC No./N° CCC - FMS No./N° VME

---

The Contractor grants to Canada the irrevocable option to acquire the goods, services or both 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 option at any time before the expiry of the Contract by sending a written notice to the Contractor.

## **6.5 Authorities**

### **6.5.1 Contracting Authority**

The Contracting Authority for the Contract is:

Caroline Girard  
Supply Specialist  
Public Works and Government Services Canada  
Acquisitions Branch  
Marine Systems Directorate  
Place du Portage, Phase III, 6C2, 11 Laurier Street  
Gatineau, QC, K1A 0S5

Telephone: (819) 956-5056  
Facsimile: (819) 956-0897  
E-mail address: caroline.girard@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 Technical Authority**

The Technical Authority for the Contract is:

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

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

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

### **6.5.3 Contractor's Representative**

Solicitation No. - N° de l'invitation  
F7044-150045/A  
Client Ref. No. - N° de réf. du client  
F7044-150045

Amd. No. - N° de la modif.  
File No. - N° du dossier  
047ml.F7044-150045

Buyer ID - Id de l'acheteur  
047ml  
CCC No./N° CCC - FMS No./N° VME

---

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

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 unit price, as specified in Annex B – Basis of Payment. *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 Limitation of Price

SACC Manual clause [C6000C](#) (2011-05-16) Limitation of Price

### 6.6.3 Method of Payment

SACC Manual clause [H1001C](#) (2008-05-12) Multiple Payments

### 6.6.4 SACC Manual Clauses

SACC Manual clause [C2000C](#) (2007-11-30) Taxes Foreign Contractor

## 6.7 Invoicing Instructions

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
2. Invoices must be distributed as follows:
  - a. The original and one (1) copy must be forwarded to the following address for certification and payment:  
David Wyse, Fisheries and Oceans Canada  
200 Kent Street, 7<sup>th</sup> Floor, Ottawa, ON, K1A 0E6
  - b. One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.
  - c. one (1) copy must be forwarded to the consignee.
3. Payment will only be made on receipt of satisfactory invoices duly supported by specific release documents and/or other documents called for under this document. Invoices are not be submitted prior to shipment of materiel.

## **6.8 Certifications**

### **6.8.1 Compliance**

The continuous compliance with the certifications provided by the Contractor in its bid and the ongoing cooperation in providing additional information are conditions of the Contract. Certifications are subject to verification by Canada during the entire period of the Contract. If the Contractor does not comply with any certification, fails to provide the additional information, or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

### **6.9 Applicable Laws**

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

### **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 supplemental general condition: 4006 (2010-08-16), Contractor to Own Intellectual Property Rights in Foreground Information
- (c) 2010A (2015-09-03) General Conditions – Goods (Medium Complexity);
- (d) Annex A, Statement of Work;
- (e) Annex C, Delivery Schedule; and
- (f) the Contractor's bid dated \_\_\_\_\_.

### **6.11 SACC Manual Clauses**

D2025C (2013-11-06) Wood Packaging Materials

### **6.12 Shipping Instructions – Delivery at Destination**

Goods must be consigned to the destination specified in the Contract and delivered:

- a) Delivered Duty Paid (DDP) Destination CCGS A. Leblanc, Québec, QC Incoterms 2000 for shipments from a commercial contractor.

The two (2) units must be delivered to the CCGS A. Leblanc, Québec, QC. The Contractor must liaise with the Canadian Coast Guard to coordinate the reception, final inspection and unloading of the unit at time of delivery.

Before the shop acceptance of the unit, Canada may elect to have it delivered at a different address. Should it be the case, the Contractor will be informed in due course and the contract will be amended accordingly.

Solicitation No. - N° de l'invitation  
F7044-150045/A  
Client Ref. No. - N° de réf. du client  
F7044-150045

Amd. No. - N° de la modif.  
File No. - N° du dossier  
047ml.F7044-150045

Buyer ID - Id de l'acheteur  
047ml  
CCC No./N° CCC - FMS No./N° VME

---

**Delivery Address:**

CCGS A. Leblanc  
Dépôt 18  
Garde Côtière Canadienne  
101 Boulevard Champlain  
Québec, QC  
G1K 7Y

**Delivery Address for Optional Units:**

**2 units**

CCGS G. Peddle S.C.  
Canadian Coast Guard  
c/o 4<sup>th</sup> Floor Mailroom – B.I.O.  
PO Box 1006  
Dartmouth, NS  
B2Y 4A2

**2 units**

CCGS Corporal Teather C.V.  
Canadian Coast Guard  
867 Lakeshore Rd.  
Burlington, ON  
L7S 1A1

**2 units**

CCGS Corporal McLaren M.M.V.  
Canadian Coast Guard  
c/o 4<sup>th</sup> Floor Mailroom – B.I.O.  
PO Box 1006  
Dartmouth, NS  
B2Y 4A2

**2 units**

CCGS Constable Carriere  
Canadian Coast Guard  
867 Lakeshore Rd.  
Burlington, ON  
L7S 1A1

**2 units**

CCGS M. Charles  
Canadian Coast Guard  
c/o Gabriel Chaikin  
PO Box 6000  
9860 West Saanich Rd. – IOS  
Sidney, BC  
V8L 4B2

Solicitation No. - N° de l'invitation  
F7044-150045/A  
Client Ref. No. - N° de réf. du client  
F7044-150045

Amd. No. - N° de la modif.  
File No. - N° du dossier  
047ml.F7044-150045

Buyer ID - Id de l'acheteur  
047ml  
CCC No./N° CCC - FMS No./N° VME

---

**2 units**

NGCC Caporal Kaeble V.C  
Dépôt 18  
Garde Côtière Canadienne  
101 Boulevard Champlain  
Québec, QC  
G1K 7Y7

**2 units**

CCGS Captain Goddard M.S.M.  
Canadian Coast Guard  
c/o Gabriel Chaikin  
PO Box 6000  
9860 West Saanich Rd. – IOS  
Sidney, BC  
V8L 4B2

**2 units**

CCGS Private Robertson  
Canadian Coast Guard  
867 Lakeshore Rd.  
Burlington, ON  
L7S1A1

Solicitation No. - N° de l'invitation  
F7044-150045/A  
Client Ref. No. - N° de réf. du client  
F7044-150045

Amd. No. - N° de la modif.  
File No. - N° du dossier  
047ml.F7044-150045

Buyer ID - Id de l'acheteur  
047ml  
CCC No./N° CCC - FMS No./N° VME

---

**ANNEX "A"**  
**STATEMENT OF WORK**

**SEE ATTACHED**



**ANNEX "B"**

**BASIS OF PAYMENT**

Annex "B" will form the Basis of Payment for the resulting Contract and must not be filled in at the bid submission stage.

The Contractor will be paid firm prices for the work performed in accordance with the Contract. Custom duties are included and Goods and Service Tax or Harmonized Sales Tax (GST/HST) is extra, if applicable.

	Quantity	Unit Price	Extended Price
Sea Water Strainer as per Annex "A" with Screen	2	\$	\$

**Option for Additional Quantities**

	Quantity	Unit Price	Extended Price
Optional Sea Water Strainer as per Annex "A" for CCGS G. Peddle S.C.	2	\$	\$
Optional Sea Water Strainer as per Annex "A" for CCGS Corporal Teather	2	\$	\$
Optional Sea Water Strainer as per Annex "A" for CCGS Corporal McLaren	2	\$	\$
Optional Sea Water Strainer as per Annex "A" for CCGS Constable Carriere	2	\$	\$
Optional Sea Water Strainer as per Annex "A" for CCGS M. Charles	2	\$	\$
Optional Sea Water Strainer as per Annex "A" for CCGS Caporal Kaeble	2	\$	\$
Optional Sea Water Strainer as per Annex "A" for CCGS Captain Goddard	2	\$	\$
Optional Sea Water Strainer as per Annex "A" for CCGS A. Leblanc	2	\$	\$

Solicitation No. - N° de l'invitation  
F7044-150045/A  
Client Ref. No. - N° de réf. du client  
F7044-150045

Amd. No. - N° de la modif.  
File No. - N° du dossier  
047ml.F7044-150045

Buyer ID - Id de l'acheteur  
047ml  
CCC No./N° CCC - FMS No./N° VME

---

**ANNEX "C"**

**DELIVERY SCHEDULE**

<b>#</b>	<b>Description</b>	<b>Weeks after Contract Award (CA)</b>
1	Submission of Sea Water Strainer design and drawings for approval by CCG as per the section 3 of Annex "A" Statement of Work	
2	Delivery of the Sea Water Strainer Trial Units to CCG	

**ANNEX "D"**

**MANDATORY TECHNICAL CRITERIA**

Item #	Criteria	Compliant		Reference to applicable page and paragraph of Proposal
		Yes	No	
1	<p><b>Maximum Flow and Pressure</b></p> <p>The unit must support a maximum flow of 40 m<sup>3</sup>/hour (176GPM) at a maximum working pressure of 2 bar (29psi).</p>			
2	<p><b>Housing</b></p> <p>The housing of the unit must be constructed in 90/10 Copper-Nickel alloy.</p>			
3	<p><b>Screen</b></p> <p>A removal screen with a 20 mesh with ¼ inch perforated backup in 316 stainless steel screen for the trial unit and 20 mesh with ¼ perforated backup in 90/10 CuNi for the optional units (and possibly the trial unit).</p>			
4	<p>Unit must support a serviceable and removable wafer type check valve. Valve to be supplied by CCG.</p>			
5	<p>The inlet flange (DN50, PN10) must be located on the bottom of the strainer with a face dimension of 17½ inches from the centerline of the outlet flange.</p>			
6	<p>The outlet flange (DN65, PN10) must be located 90 degrees from the inlet flange with a face dimension of 5¾ inches from the centerline of the strainer housing.</p>			
7	<p>A flush port for each unit is required and must be located at the bottom of the strainer facing inboard.</p>			
8	<p>Preliminary drawings/sketches for both Aft and Forward models of the sea strainer unit must be provided and meet the gauge ports dimensions:</p> <ul style="list-style-type: none"> <li>- AFT Model: ¼ inch BSPP (f) situated to the left hand side of the flush port on the body of the strainer.</li> <li>- FWD Model: ¼ inch BSPP (f) situated to the right hand side of the flush port on the body of the strainer</li> </ul>			

Solicitation No. - N° de l'invitation  
F7044-150045/A  
Client Ref. No. - N° de réf. du client  
F7044-150045

Amd. No. - N° de la modif.  
File No. - N° du dossier  
047ml.F7044-150045

Buyer ID - Id de l'acheteur  
047ml  
CCC No./N° CCC - FMS No./N° VME

---

9	The removal of the unit (for cleaning and maintenance) must be possible within the overall height available of 37 inches (for both strainer and the removal of the filter element for cleaning).			
10	Gaskets must be in Ethylene propylene diene monomer (EPDM) standard			
11	Clamps, if required, must be in 316 Stainless Steel.			
12	The wet weight of the entire unit cannot be more than 75 kg.			

**ANNEX "E"**

**FINANCIAL BID PRESENTATION SHEET**

1. Bidder shall complete the following tables and indicate their firm prices for the Known Work.
2. All Prices must include the cost of delivery.

Only one type of screen (stainless steel or 90/10 CuNi) will be selected for the two (2) trial units. All options additional quantities must include a 90/10 CuNi screen.

Trial Unit A	Quantity	Unit Price	Extended Price
Sea Water Strainer as per Annex "A" with a 316 Stainless Steel Screen	2	\$	\$

Trial Unit B	Quantity	Unit Price	Extended Price
Sea Water Strainer as per Annex "A" with 90/10 CuNi Screen	2	\$	\$

**C - Option for Additional Quantities**

		Quantity	Unit Price	Extended Price
C1	Optional Sea Water Strainer as per Annex "A" for CCGS G. Peddle S.C.	2	\$	\$
C2	Optional Sea Water Strainer as per Annex "A" for CCGS Corporal Teather	2	\$	\$
C3	Optional Sea Water Strainer as per Annex "A" for CCGS Corporal McLaren	2	\$	\$
C4	Optional Sea Water Strainer as per Annex "A" for CCGS Constable Carriere	2	\$	\$
C5	Optional Sea Water Strainer as per Annex "A" for CCGS M. Charles	2	\$	\$
C6	Optional Sea Water Strainer as per Annex "A" for CCGS Caporal Kaeble	2	\$	\$
C7	Optional Sea Water Strainer as per Annex "A" for CCGS Captain Goddard	2	\$	\$
C8	Optional Sea Water Strainer as per Annex "A" for CCGS A. Leblanc	2	\$	\$
	Total for C – Optional Units			
	<b>Total Evaluated Price</b> (Trial Unit A + Trail Unit B + Total for C Optional Units)			\$

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

Canadian Coast Guard

---

**Hero Class Sea Water Strainer Specification –  
Statement of Work**

## 1. Background

### 1.1 Vessel Specifications

In the past two years, the Canadian Coast Guard (CCG) took acceptance of nine new Mid-Shore Patrol Vessels (MSPV). The vessels operate across the country in salt, brackish and fresh water areas.

Table 1: Vessel Specifications

Length	42.8 m
Breath	7.0 m
Draft	2.8 m
Freeboard	1.7 m
Gross tonnage	253.0 t
Cruising range	2000 nm
Endurance	14 d
Cruising speed	14.0 kts
Maximum speed	25.0 kts
Class Notations	Hull Notation: <i>+100A1 SSC PATROL, MONO, HSC, G4, EP.</i> Descriptive Notes: <i>ABBREVIATED NOTE GREEN PASSPORT</i>
Machinery class notation	Machinery Class Notation: <i>CONTROL ENGINEERING CLASS NOTATION UMS</i> <i>CONTROL ENGINEERING CLASS NOTATION CCS</i> <i>CONTROL ENGINEERING CLASS NOTATION ICC</i> <i>MACHINERY SPECIAL FEATURE NOTATION PSMR</i> <i>MACHINERY CLASS NOTATION MCH</i>

### 1.2 System background

The as-fitted cooling sea water system for the ship service generator is fitted with a strainer plate with 2 mm holes at the main sea chest, and a fine mesh strainer inside the pressure regulators at the generators. These fine mesh strainers on the pressure regulators are frequently clogged reducing cooling water flow to the generators, resulting in potential overheating and risk of blackout. The pressure at the generators is monitored by local gauges and there is no indication on the alarm monitoring system to predict a problem until the generator begins to overheat. The only method to clean the pressure regulator strainer is to bring a second generator online and shutdown the affected generator. The pressure reduction valve is then opened and the mesh strainer is removed for cleaning. The pressure regulator is not designed for frequent servicing.

## 2. Requirement

The CCG Hero Class vessels require a marine strainer solution for the ship service generator (SSG) cooling water system to remove debris, sediment and organics from the cooling water. Two (2) strainers (fore and aft) are required per vessel. Nine (9) vessels require this

solution. The fore and aft strainers differ slightly due to the gauge ports. These differences are highlighted in the strainer specifications.

The CCG will trail two (2) strainers on one (1) vessel to ensure functionality of the system and that the required maintenance can be performed on the strainers as fitted. If the trail is successful, an option to purchase sixteen (16) additional strainers for the remaining eight (8) vessels could be exercised.

## 2.1 Strainer placement and Installation

Canadian Coast Guard will be responsible for the installation of the units. Figure 1 shows the outlet of the pumps where the strainers are to be placed. Butterfly valve handles may be rotated 90 degrees in order to accommodate the strainer.

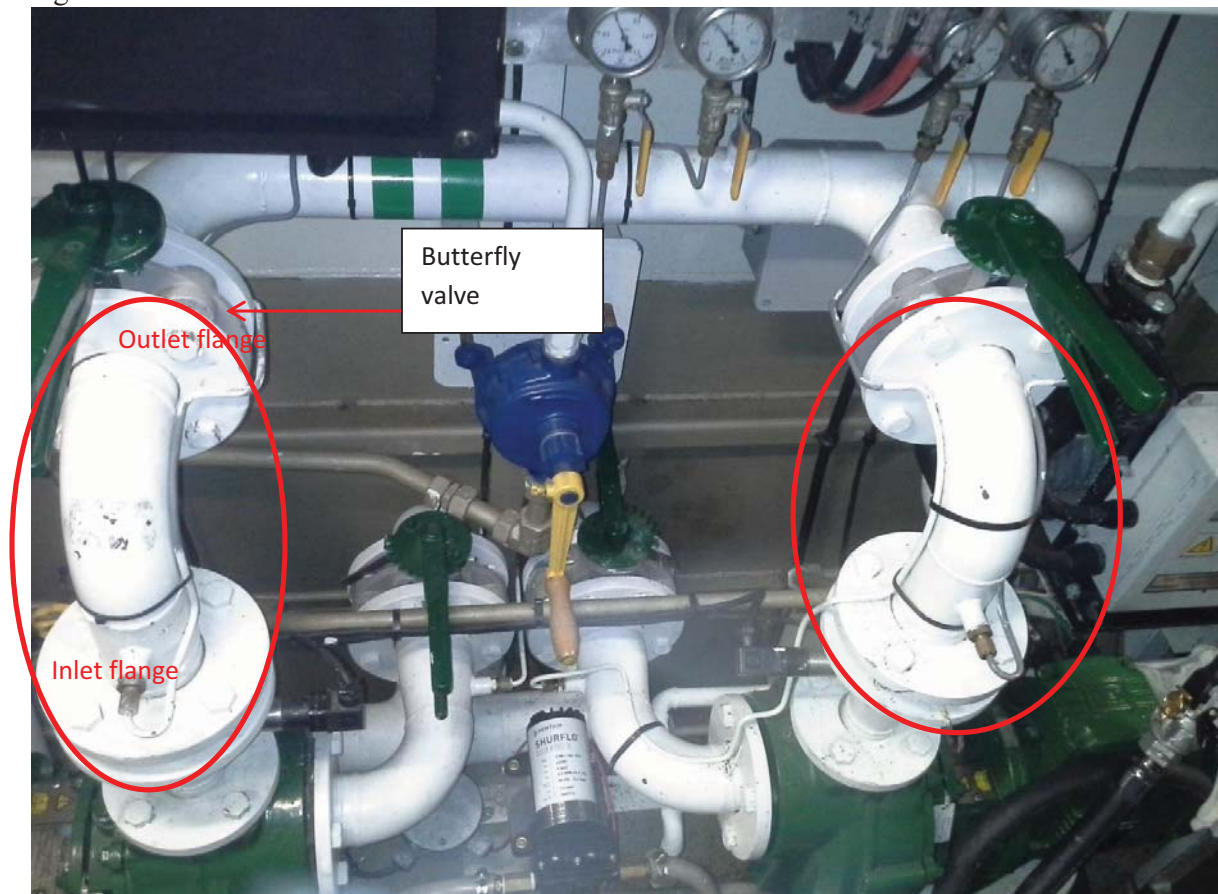


Figure 1 – Outlet of pumps for strainer placement



The strainer will replace the 90 degree section as shown in figure 2. In order to perform regular maintenance of the strainer, the strainer must be removed from housing within the 37 inch clearance from the bottom flange to the underside of the electrical panel as shown in Figure 2. Measurements for strainer placement are also shown in specifications section and in figure 2.

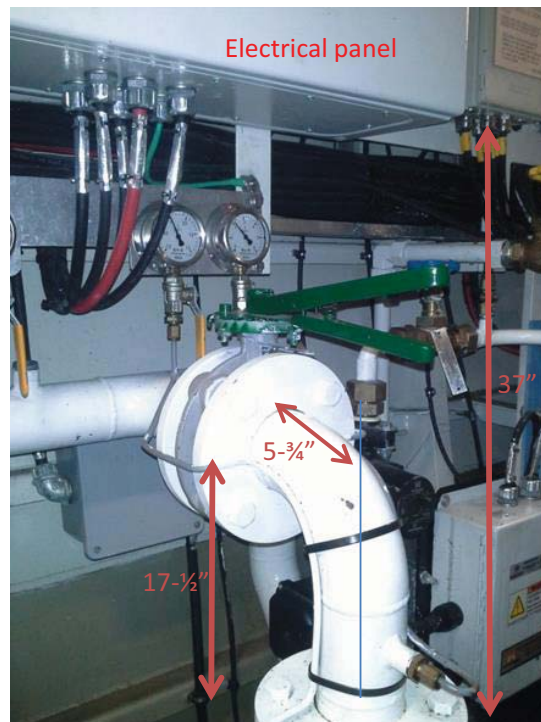


Figure 2 – Aft Pump outlet

## 2.2 Specifications

The strainer must support a maximum flow of 40 m<sup>3</sup>/hr. at a maximum working pressure of 2.5 bar. The design should be as lightweight as possible and constructed in 90/10 Copper-Nickel alloy. The wet weight of the design/unit cannot be more than 75kg. The purpose of the strainers is to

remove fine sediment in the cooling water system. A 20 mesh screen shall be utilized and designed to be robust enough to support maximum flow and pressure. The strainer design must also support a serviceable/removable wafer type check valve that will be supplied by the Canadian Coast Guard. The inlet flange (DN50, PN10) must be located on the bottom of the strainer with a face dimension 17-½ inches from the centerline of the outlet flange. The outlet flange (DN65, PN10) must be located 90 degrees from the inlet flange with a face dimension 5-¾ inches from the centerline of the strainer housing. A flush port for each unit is required, to be located at the bottom of the strainer facing inboard. Both Aft and Forward model preliminary drawings/sketches must be provided as the gauge ports differ in position, for details see gauge ports under the strainer specifications chart.

**General specifications:**

- Maximum Flow: 40m<sup>3</sup>/h (176GPM) (No minimum flow requirements);
- Maximum Pressure: 2.5 bar (36.26psi);
- 37 inches is the overall height available for the strainer and the removal of the filter element for cleaning.

**Strainer specifications chart:**

Description	Dimension
Outlet, Flanged	DN 65, PN10
Inlet, Flanged	DN 50, PN10
Flush port	1” NPT(m)
Gauge Ports	AFT Model: ¼” BSPP(f) situated to the left hand side of the flush port on body of strainer
	FWD Model: : ¼” BSPP(f) situated to the right hand side of the flush port on body of strainer
Height from center of outlet flange to top surface of inlet flange	17- ½ inches
Width from center of inlet flange to start of butterfly valve (shown on figure 2	5- ¾ inches

**Materials:**

- Housing: 90/10 CuNi
- Screen: 20 mesh w/1/4 inch perforated backup in 316 stainless steel screen for the trial unit; 20 mesh w/1/4 inch perforated backup in 90/10 CuNi for the remainder of the units.
- Gasket: EPDM standard
- Clamp (if required) : 316 Stainless Steel

**3. Design and Drawings Deliverable**

The Contractor shall submit detailed drawings for the proposed sea water strainer solution including dimensions of the fore and aft strainers within two (2) weeks of contract award to the Technical Authority for Canadian Coast Guard review and approval.