



## RETURN BIDS TO:

## RETOURNER LES SOUMISSIONS À:

Bid Receiving Public Works and Government  
Services Canada/Réception des soumissions Travaux  
publics et Services gouvernementaux Canada  
Pacific Region  
401 - 1230 Government Street  
Victoria, B.C.  
V8W 3X4  
Bid Fax: (250) 363-3344

## SOLICITATION AMENDMENT MODIFICATION DE L'INVITATION

The referenced document is hereby revised; unless otherwise  
indicated, all other terms and conditions of the Solicitation  
remain the same.

Ce document est par la présente révisé; sauf indication contraire,  
les modalités de l'invitation demeurent les mêmes.

### Comments - Commentaires

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

Issuing Office - Bureau de distribution  
Public Works and Government Services Canada - Pacific  
Region  
401 - 1230 Government Street  
Victoria, B. C.  
V8W 3X4

<b>Title - Sujet</b> CCGS S.W. Laurier - Windows	
<b>Solicitation No. - N° de l'invitation</b> F1782-17C859/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> F1782-17C859	<b>Date</b> 2017-10-13
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$XLV-211-7348	
<b>File No. - N° de dossier</b> XLV-7-40111 (211)	<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 2017-11-22</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Pacific Daylight Saving Time PDT
<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> Buchan, Torrey	<b>Buyer Id - Id de l'acheteur</b> xlv211
<b>Telephone No. - N° de téléphone</b> (250) 216-2092 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

Instructions: See Herein

Instructions: Voir aux présentes

<b>Delivery Required - Livraison exigée</b>	<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>

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xlv211  
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This solicitation is hereby amended to address a change to the vessel viewing date.

Under:

## **PART 2 - BIDDER INSTRUCTIONS**

### **2.5 Mandatory Site Visit – Vessel**

Remove All.

Insert:

It is mandatory 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 21 Huron Street, Victoria BC V8V 4V9 on Thursday October 26. The site visit will begin at 1:00PM Pacific time.

Bidders must communicate with the Contracting Authority no later than Wednesday, October 25, 2017 at 1:00PM Pacific time to confirm attendance and provide the name(s) of the person(s) who will attend. Bidders will be required to sign an attendance sheet. Bidders should confirm in their bid that they have attended the site visit. Bidders who do not attend the mandatory site visit or do not send a representative will not be given an alternative appointment and their bid will be declared non-responsive. Any clarifications or changes to the bid solicitation resulting from the site visit will be included as an amendment to the bid solicitation

**All other terms and conditions of the solicitation remain the same.**

## **PART 3 - BID PREPARATION**

### **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.

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.

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

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

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

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

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

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

### **3.1.2 Exchange Rate Fluctuation**

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

#### **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**

Technical Bids will be evaluated in accordance with the Annex F, Technical Evaluation Criteria.

#### **4.1.2 Financial Evaluation**

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

### **4.2 Basis of Selection – Lowest Price Per Point**

1. To be declared responsive, a bid must:
  - a. comply with all the requirements of the bid solicitation;
  - b. meet all mandatory technical evaluation criteria; and
  - c. obtain the required minimum points for the technical evaluation criteria which are subject to point rating.
2. Bids not meeting (a) or (b) or (c) will be declared non-responsive. Neither the responsive bid that receives the highest number of points nor the one that proposed the lowest price will necessarily be accepted. The responsive bid with the lowest evaluated price per point will be recommended for award of a contract.

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## 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 [Inteligibility 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 with its bid 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 [Inteligibility 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 the Contract.

### 6.2 Requirement

The Contractor must provide the items detailed under the "Requirement" at Annex A.

#### 6.2.1 Optional Goods

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 Annex B. 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 within 24 months after contract award by sending a 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 Delivery Date

All the deliverables must be received on or before \_\_\_\_\_.

#### 6.4.2 Delivery Points

Delivery of the requirement will be made to:

Canadian Coast Guard  
CCGS Sir Wilfrid Laurier  
21 Huron Street  
Victoria, B.C. V8V 4V9

#### 6.4.3 Shipping Instructions – Delivered Duty Paid

Goods must be consigned and delivered to the destination specified in the contract:  
Incoterms 2000 "DDP Delivered Duty Paid" – Victoria, BC

#### 6.4.4 Delivery and Unloading

SACC Manual clause D0018C (2007-11-30), Delivery and Unloading

## 6.5 Authorities

### 6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Torrey Buchan  
Public Works and Government Services Canada  
Acquisitions Branch  
Directorate: Marine Acquisitions  
Address: 401 – 1230 Government Street  
Victoria, BC  
Canada V8W 3X4  
  
Telephone: 250-216-2092  
E-mail address: [torrey.buchan2@pwgsc-tpsgc.gc.ca](mailto:torrey.buchan2@pwgsc-tpsgc.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 provided upon contract award.

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

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

*Bidder is to complete the table below and submit it with their bid.*

Contact for:	Name	Telephone	Email
Contracting issues			
Technical issues			
Invoicing issues			

## **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 firm unit prices, as specified in Annex B for a cost of \$ \_\_\_\_\_. 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 Multiple Payments**

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

### **6.6.3 Electronic Payment of Invoices – Contract** *(If applicable)*

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

- a. Visa Acquisition Card;
- b. MasterCard Acquisition Card;
- c. Direct Deposit (Domestic and International);
- d. Electronic Data Interchange (EDI);
- e. Wire Transfer (International Only);

## **6.7 Invoicing Instructions**

The Contractor must submit invoices in accordance with the section of the General Conditions titled Invoice Submission.

### **Invoice is to be made out to:**

Fisheries & Oceans, Canadian Coast Guard  
Marine Engineering; Contact Name: Lori Stokes  
9860 West Saanich Road,  
PO Box 6000, Sidney, BC V8L 4B2

### **Electronic invoice is to be sent for verification to:**

[PAC.MARINE@pwgsc-tpsgc.gc.ca](mailto:PAC.MARINE@pwgsc-tpsgc.gc.ca)

Please note the file number in the subject line of the email.

## **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 \_\_\_\_\_.

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#### **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), General Conditions - Goods (Medium Complexity);
- (c) Annex A, Requirement;
- (d) Annex B, Basis of Payment;
- (e) the Contractor's bid dated \_\_\_\_\_.

#### **6.11 Insurance**

The Contractor is responsible for deciding if insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any insurance acquired or maintained by the Contractor is at its own expense and for its own benefit and protection. It does not release the Contractor from or reduce its liability under the Contract.

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**ANNEX A**  
**REQUIREMENT**

**CCGS Sir Wilfrid Laurier**  
**STATEMENT OF REQUIREMENT**  
**FOR**  
**F1782-17C859**  
**Superstructure Windows**  
**for**  
**HEMTV Vessels**

Prepared by:  
Marine Engineering Western Region  
P.O. Box 6000  
9860 W. Saanich Rd.  
Victoria BC  
V8L 4B2

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## **1.1 PROCUREMENT OF SUPERSTRUCTURE WINDOWS**

### **1.1.A Scope**

- A.1 The CCGS Sir Wilfrid Laurier is an HEMTV class vessel which has vertically sliding windows in the accommodation areas of the superstructure. These windows are susceptible to leakage and corrosion and Transport Canada requires that they be replaced over the next few refit periods.
- A.2 The intent is to eventually replace 39 existing vertically sliding windows with a quantity of 30 top opening hinged windows and a quantity of 9 fixed non-opening windows. The initial order will be for 15 windows.
- A.3 The windows to be replaced are on three decks: the Officer's Deck (one deck below the wheelhouse), the Boat Deck, and the Upper Deck (one deck above the main deck).
- A.4 The successful bidder must conduct a ship visit to ensure that the windows provided will fit into the space made available by cropping the existing windows.
- A.5 The successful bidder must provide, for the required locations, drawing approval by Lloyd's Register.

### **1.1.B References**

#### **B.1 Equipment Data**

- B.1.1 The existing windows were fabricated by Pyramid Transit Products Ltd., in Montreal, Canada. Details are in the reference drawings. The windows have a clear opening of 600 mm high by 450 mm wide with 100 mm radius corners.
- B.1.2 The ship's superstructure in way of the windows is Lloyd's Grade A, 6.0 mm, mild steel.

## B.2 Drawings

B.2.1 All Drawings are to be considered as Guidance Drawings.

Drawing Number	DRAWING TITLE
S32-230-301	General Arrangement Rev 13.pdf - 3 sheets
S32-230-304	Accommodation Plan, Officer's Deck and Wheelhouse Floor, rev. 5
S32-230-305	Accommodation Plan, Boat Deck, rev. 5
S32-230-306	Accommodation Plan, Upper Deck, rev. 5
S32-230-337	Sidelight and Window Boxes Sheet 1 of 1 Rev 2.PDF
S32-230-310	Window List Sheet 1-8 of 9 Rev 1 04-06-84.pdf
S32-230-310	Window List Sheet 9 of 9 Rev 6 12-12-89

## B.3 Regulations and Standards

B.3.1 The following Standards and Regulations apply to work carried out in this section; The Contractor must ensure all work completed in this section meets these Standards and Regulations as well as any other pertinent Federal/Territorial Regulation or Standard:

FSSM Procedures	Title	Supplied by:
Publications		
Standards		
ISO 3903:2012	Ships' Ordinary Rectangular Windows	Contractor
ISO 614:2012	Toughened Safety Glass Panes for Rectangular Windows and Side Scuttles	Contractor
Regulations		
	Canada Shipping Act 2001	Contractor

### **1.1.C Statement of Requirements**

C.1 The Contractor must provide windows which are designed to the requirements of ISO 3903: 2012, Ships Ordinary Rectangular Windows.

C.2 The window design must be approved by Lloyd's Register.

#### **C.3 Fixed Windows**

C.3.1 The initial quantity of fixed windows to be supplied must be 5.

C.3.2 The fixed windows must have weld-in main frames. The main frame material must be hot rolled mild steel, CSA G40.21 – 44W (ASTM A36).

C.3.3 All mild steel components must be blasted and shop primer painted before final assembly of the windows. The paint must be Zinc Silicate weldable primer and the suggested primer is International Interplate 937.

C.3.4 The fixed windows must have a clear glass area of 600 mm high by 450 mm wide.

C.3.5 The fixed windows must fit in the space remaining after cropping the existing windows. The outer radius of the frame must be minimum 100 mm, maximum 130 mm.

C.3.6 The glass must be clear, tempered safety glass, minimum 19 mm thick. The glass must be to the standard ISO 614:2012 and must be certified by Lloyd's Register.

C.3.7 The window frame must include a welded steel flat bar stop to retain the glass. This must be fabricated of the same mild steel material as the main frame.

C.3.8 The glass must rest on rubber setting blocks to prevent contact of the glass with the main frame. The blocks must have minimum thickness of 6 mm.

C.3.9 The glass must be prevented from contact with the flat bar stop or the retaining ring by butyl tape on each side. The windows must be foam sealed.

C.3.10 The glass retaining ring must be fabricated of 316 stainless steel and must be secured with stainless bolts at maximum spacing 102 mm. This retaining ring must be on the inside of the window assembly.

#### **C.4 Opening Windows**

C.4.1 The initial quantity of opening windows to be supplied must be 10.

C.4.2 The opening windows must have weldable main frames. The main frame material must be hot rolled mild steel, CSA G40.21 – 44W (ASTM A36).

C.4.3 All mild steel components must be blasted and shop primer painted before final assembly of the windows. The paint must be Zinc Silicate weldable primer and the suggested primer is International Interplate 937.

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- C.4.4 The opening windows must have an overall clear glass area, including height of cross-frame, of 600 mm high by 450 mm wide. In other words, the distance from the top of the opening glass section to the bottom of the fixed glass section must be 600 mm.
- C.4.5 The opening windows must fit in the space remaining after cropping the existing windows. The outer radius of the frame must be minimum 100 mm, maximum 130 mm.
- C.4.6 The glass in both the fixed section, and in the opening section, must be clear, tempered safety glass, minimum 19 mm thick. The glass must be to the standard ISO 614:2012 and must be certified by Lloyd's Register.
- C.4.7 The window frame must include a welded steel flat bar stop to retain the fixed portion of glass. This must be fabricated of the same mild steel material as the main frame.
- C.4.8 The glass must rest on rubber setting blocks to prevent contact of the glass with the main frame. The blocks must have minimum thickness of 6 mm.
- C.4.9 The glass must be prevented from contact with the flat bar stop or the retaining ring by butyl tape on each side. The windows must be foam sealed.
- C.4.10 The glass retaining ring in the fixed section must be fabricated from 316 stainless steel, and must be secured with stainless bolts at maximum spacing 102 mm. The retaining ring for the fixed glass section of the opening window may be on the inside or outside of the assembly. If possible the retaining ring of the fixed section must be on the inside of the assembly. The ring must be powder coated white if the retaining ring is on the outside of the window assembly.
- C.4.11 The bottom section must be fixed, and the upper part of the opening windows must hinge inwards on a centre mullion cross piece. The window hinges must be on the mullion piece and the top must include lock dog assemblies at the top. There must be a minimum of two hinge assemblies and two lock down assemblies.
- C.4.12 The hinges and lock down assemblies must be bronze material and powder coated black. The bronze components must bolt to steel tabs that are welded to the main frame and to the mullion piece. The bronze pieces that are attached to the opening window section must be bolted.
- C.4.13 The opening section of the window must include a retaining bar to hold it securely in the fully vented position which will be nominally 30 degrees open.
- C.4.14 The construction of the opening frame must be from alloy 6063 – T4 aluminum, powder coated white.
- C.4.15 The glass within the aluminum opening section must be secured in a similar way to the fixed glass section. The glass must rest on rubber setting blocks to prevent contact of the glass with the opening frame. The blocks must have minimum thickness of 6 mm.
- C.4.16 The glass of the opening section must be prevented from contact with the aluminum frame or the retaining ring by butyl tape on each side. The windows must be foam sealed. The

retaining ring must be aluminum alloy 6063 – T4 and must be on the inside surface of the frame.

- C.4.17 The steel mullion piece and steel outer frame in way of the hinged opening section must have a shaped edge to allow for sealing against the aluminum frame. The powder coated aluminum frame of the opening section must include a groove on the outer face. A rubber sealing strip must be fitted to the groove to seal against the steel frame and mullion piece. The sealing arrangement must be suitable to withstand the pressure stipulated by Lloyd's Register and by routine hose testing during TC load line inspections.

#### **1.1.D Proof of Performance**

##### **D.1 Inspection Points**

- D.1.1 The Contractor or Contractor's representative must conduct a ship visit, to measure the existing windows, and to verify that their proposed windows will fit for welding to the space available after cropping the existing windows from the superstructure.
- D.1.2 The Contractor must supply with their bid initial dimension drawings that clearly detail their proposed window design and materials. Final dimension drawings to suit the ship must be provided within one week of contract award.
- D.1.3 The Contractor must supply drawing approval by Lloyd's Register after award of contract. With the bid, the Contractor must verify that at least one previous ship window design has been approved by Lloyd's Register.
- D.1.4 The Contractor must submit to the TA a record of factory testing, for the first fixed window and for the first opening window to prove that the design meets the pressure test requirements of Lloyd's Register. The Contractor does not have to submit the test results to Lloyd's Register. The TA will provide the information to TC for approval.

##### **D.2 Testing/Trials**

- D.2.1 The Contractor must factory pressure test, at minimum, the first fixed window and the first sealed window. The hydrostatic pressure test must be to a test pressure of 25 kPa (3.6 psi).
- D.2.2 All windows must be factory hose tested before shipping, with a hose test at a pressure of 250 kPa minimum (36 psi) with a 12.5 mm nominal size hose held at 1.5 m away from the window.

##### **D.3 Certification**

- D.3.1 The Contractor must supply the drawing approval by Lloyd's Register. The drawings must be approved for any of the required locations on the superstructure on decks, from one deck above the main deck, and above.

D.3.2 The Contractor must provide certification to show design is to the required standards, ISO 3903:2012 and ISO 614:2012.

D.3.3 Before delivery the Contractor must supply mill certification for the steel used in the window construction.

#### **D.4 Documentation**

D.4.1 The Contractor must provide initial design drawings showing dimensions, material alloys, and descriptions. The dimensions on the drawings must be to meet the requirements of this specification.

D.4.2 The Contractor must provide the technical data sheets for the paint system used, specifically to prove that the steel primer paint is a Zinc Silicate weldable primer.

D.4.3 The Contractor must provide final drawings approved by Lloyd's Register.

D.4.4 The Contractor must provide results of all testing.

#### **D.5 Site Visit and Delivery Schedule**

D.5.1 The initial dimension drawings specific to the ship, based on the reference drawings, must be provided for review as part of the technical bid submission. Final dimension drawings to suit the ship must be provided within one week of contract award.

D.5.2 The Contractor or Contractor's representative must conduct a ship visit to measure the existing windows and to ensure that the dimensions of the proposed windows, including corner radius, will fit the space created by cropping the existing windows.

D.5.3 Final drawings with Lloyd's Register approval must be provided within 7 weeks of contract award.

D.5.4 The first 5 fixed windows and 10 opening windows must be shipped to the final destination, in Victoria, British Columbia, Canada.

D.5.5 The Contractor must supply a spare vent seal rubber gasket for each of the opening windows supplied.

#### **D.6 Options for Additional Purchases**

D.6.1 The Contractor must provide options and pricing for additional purchases in the following two years. The options must include:

- i) An additional 20 opening windows and 4 fixed windows for CCGS Sir Wilfrid Laurier
- ii) Up to 78 opening windows and up to 18 additional fixed windows for similar HEMTV ships on the east coast of Canada.

D.6.2 The cost of delivery for additional orders will be extra and negotiated at the time of order.

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## **D.7 Warranty**

- D.7.1 The windows must carry a warranty for a minimum of one year after date of delivery and acceptance.

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## ANNEX B BASIS OF PAYMENT

Item	Description	Unit Price	QTY	Extended Total
B1 – Firm Work				
1	Fixed Window	\$ _____	5	\$ _____
2	Opening Window	\$ _____	10	\$ _____
3	Delivery - Incoterms 2000 – Delivered Duty Paid (DDP) to Victoria, BC	LOT		\$ _____
Sub-total – Firm Work				\$ _____
B2 – Option Units				
If exercised, the cost of delivery for option units will be extra and negotiated at the time of order.				
1	Fixed Window	\$ _____	22	\$ _____
2	Opening Window	\$ _____	98	\$ _____
Sub-total – Option Units				\$ _____
EVALUATED PRICE				
Sub-total – Firm Work				\$ _____
Sub-total – Option Units				\$ _____
Firm Total (Evaluated Price)				\$ _____

**DELIVERY OFFERED:** \_\_\_\_\_ **After contract award.**

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## ANNEX C

### INTEGRITY PROVISIONS – LIST OF NAMES

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;

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2. For a Partnership, General Partnership or Limited Partnership - the names of all current partners;

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

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

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5. For an individual - the full name of the person

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## **ANNEX D**

### **ELECTRONIC PAYMENT INSTRUMENTS**

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

- ☐ ( ) VISA Acquisition Card;
- ☐ ( ) MasterCard Acquisition Card;
- ☐ ( ) Direct Deposit (Domestic and International);
- ☐ ( ) Electronic Data Interchange (EDI);
- ☐ ( ) Wire Transfer (International Only);

## ANNEX E

### BID PACKAGE CHECKLIST

#### E1.1 Mandatory Tender Deliverable Check List

Notwithstanding deliverable requirements specified anywhere else within this bid solicitation and its associated Requirement (Annex A), mandatory deliverables that must be submitted with the Bidder's tender to be deemed responsive, are summarized below.

The Bidder must submit a completed Annex E.

The following are mandatory and the Bidder's submission will be evaluated against the requirement as defined herein. The Bidder must be determined to be compliant on each item to be considered responsive.

No	Reference to Solicitation	Description	Condition	Document provided	Reference to Bid (Section, Page no., etc.)
1	Front page	<u>Request for Proposal</u> document part 1 page 1 completed and signed;	Mandatory with the bid	<input type="checkbox"/>	
2	Part 3, Section I	Technical Bid	Mandatory with the bid	<input type="checkbox"/>	
3	Annex B	Basis of Payment, Completed	Mandatory with the bid	<input type="checkbox"/>	

#### E1.2 Supporting Deliverable Requirements

If the following information which supports the bid is not submitted with the Bid; it may be requested by the Contracting Authority, and it must be provided within 48 hours of the written request:

No	Reference to Solicitation	Description	Condition	Document provided	Reference to Bid (Section, Page no., etc.)
1	Article 6.5.3	Contractor's Representatives, table completed	48 hrs of written request	<input type="checkbox"/>	
2	Annex C. article 5.1.1	Integrity Provisions – List of Names, completed	48 hrs of written request	<input type="checkbox"/>	
3	Annex D	Electronic Payment Instruments, completed	48 hrs of written request	<input type="checkbox"/>	

**ANNEX F**

**TECHNICAL EVALUATION CRITERIA**

<b>Part 1 - Mandatory Technical Criteria</b>				
<p>The Mandatory Technical Criteria are detailed herein. Mandatory Criteria will be assigned either a Pass or Fail by the evaluation team. Any Bid which fails to comply with any Mandatory Criterion will be declared non-responsive. Some (or all) of the Mandatory Criteria may also be point rated, for their technical merit, in accordance with <b>Part 2 – Point-Rated Technical Criteria</b>.</p> <p>The Bidder should provide, as part of its Technical Proposal, all documents essential to clearly demonstrate compliance with each technical mandatory requirement, including, without limitation, photographs, maps, drawings, calculations, Original Equipment Manufacturer (OEM) specifications, documents, purchase orders (less cost data), job or Quality Control or Quality Assurance record sheets, personnel resumes, current trade certificates and, other such evidence.</p>				
Spec #	Item Description	Pass/Fail	Bid Ref #	Comments
1 10.1.C.1	The OEM produces windows designed to the requirements of: ISO 3903: 2012, Ships Ordinary Rectangular Windows.			
2 10.1.D.3.2	The Bidder provides certification that the design is to the required standards, ISO 3903:2012 and ISO 614:2012			
3 10.1.C.3.2 & 10.1.C.4.2	The weld-in main frame is hot rolled mild steel, CSA G40.21 - 44W (ASTM A36)			
4 general	The bidder must provide a list of all parts showing materials used.			

5	10.1.C.3.3 & 10.1.C.4.3	All mild steel components are shop blasted and primer painted with Zinc Silicate weldable primer.			
6	10.1.C.3.5 10.1.C.4.5 &	The fixed and opening windows fit in the space remaining after cropping of the existing windows.			
7	10.1.C.3.6 & 10.1.C.4.6	The glass is minimum 19 mm thick, produced to ISO 614:2012, and is certified by Lloyd's Register.			
8	10.1.C.3.7	The frame includes a welded steel flat bar stop to retain the glass, with material the same as the main frame.			
9	10.1.C.4.7	The fixed portion of the glass on the opening window is retained by a welded steel flat bar stop to retain the glass, with material the same as the main frame.			
10	10.1.C.3.8 10.1.C.4.8 &	The glass must rest on rubber setting blocks to prevent contact with the main frame with even spacing. Minimum thickness of blocks is 6 mm.			
11	10.1.C.3.9 10.1.C.4.9 &	The glass is protected from contact by butyl tape on both sides. Windows are foam sealed.			
12	10.1.C.3.10 & 10.1.C.4.10	The glass retaining ring is fabricated from 316 stainless steel and secured with stainless bolts for maximum spacing 102 mm.			
13	10.1.C.3.10	Fixed Window: For the fixed window the retaining ring must be on the inside of the window			

		assembly.				
14	10.1.C.4.10	Opening Window: The retaining ring for the fixed glass section of the opening window may be on the inside or outside of the assembly. If possible the retaining ring of the fixed section must be on the inside of the assembly. The ring must be powder coated white if the retaining ring is on the outside of the window assembly				
15	10.1.C.4.11	Opening windows - bottom section fixed and top section opens inward with hinges on mullion cross piece with dog assembly at top.				
16		Minimum of 2 hinge assemblies and 2 dog lock assemblies.				
17	10.1.C.4.12	Hinges and lock dog assemblies are bronze, powder coated, and bolted to steel frame tabs, mullion and opening frame.				
18	10.1.C.4.13	The opening section includes a retaining bar to hold it securely in the fully vented position - nominally 30 degrees open				
19	10.1.C.4.14	The opening frame must be from alloy 6063 – T4 aluminum, powder coated white				

20	10.1.C.4.15	The glass within the aluminum opening section must rest on rubber setting blocks to prevent contact of the glass with the opening frame. The blocks must have minimum thickness of 6 mm			
21	10.1.C.4.16	Glass of the opening section must be prevented from contact with the aluminum frame or the retaining ring by butyl tape on each side			
22		Retaining ring must be aluminum alloy 6063 – T4 on inside surface of opening frame.			
23	10.1.C.4.17	steel mullion piece and steel outer frame in way of the hinged opening section must have a shaped edge to allow for sealing against the aluminum frame			
24		powder coated aluminum frame of the opening section must include a groove on the outer face			
25		rubber sealing strip must be fitted to the groove to seal against the steel frame and mullion piece.			
26		sealing arrangement must be suitable to withstand the pressure stipulated by the RO and routine hose testing during TC load line inspections			
27	10.1.D.1.1 & 10.1.D.5.1	Initial drawings must be provided with the bid submission.			
28	10.1.D.1.2 & 10.1.D.5.2	Ship Visit by Contractor or Contractor's representative.			

29	10.1.D.4.1	Dimensions on drawings meet requirements of specification.			
30	10.1.D.4.2	Technical data sheets provided with bid submission for paint system to be used, and paint meets requirements of specification.			
31	10.1.D.1.3 & 10.1.D.5.3	Lloyd's Register drawing approval provided. Required within 7 weeks after award of Contract.			
32	10.7.D.1	Warranty meets specification			

## Part 2 – Point-Rated Technical Criteria

Item	Point Rated Requirements	Scoring and Evaluation Criteria	Bid Ref Page #	Raw Score	Total Points
1	<p>The Supplier must be an official distributor for the Original Equipment Manufacturer OR the OEM of the windows. To be considered an OEM distributor, the Supplier must be able to directly supply OEM parts.</p> <p>For the purpose of evaluation, bidders will be awarded points based on the number of years that the OEM has been producing and owned intellectual property on windows designed for use on ocean going ships.</p> <p>The supplier must provide documentation which clearly demonstrates the number of years, and examples of the models fabricated in those years.</p> <p><b>Max Score Points : 50 Points</b> <b>Min Score Points : 5 Points</b></p>	20 years or more		50	
		10 years or more but less than 20 years		40	
		5 years or more but less than 10 years		30	
		2 or more years but less than 5 years		20	
		1 or more years but less than 2 years		5	
2	The required steel Zinc Silicate primer paint is suggested to be International Interplate 937. (At installation CCG will use International	Zinc Silicate primer paint is International Interplate 937		50	

	IntershielD 300HS over this primer) <b>Max Score Points : 50 Points</b> <b>Min Score Points : 40 Points</b>	Zinc Silicate primer paint is by another manufacturer.	40	
3	Spec item C.4.11 - There must be a minimum of ... 2 lock down assemblies <b>Max Score Points : 50 Points</b> <b>Min Score Points : 30 Points</b>	Design has 2 lock down assemblies Design has more than 2 lock down assemblies	50 30	
4	Spec Item D.7.1 Warranty - excluding replaceable seals on opening section. <b>Max Score Points : 50 Points</b> <b>Min Score Points : 40 Points</b>	Warranty is for 2 years after acceptance, or greater Warranty is for greater than 1 year after acceptance but less than 2 years Warranty is for 1 year after acceptance	50 45 40	
5	Spec Item C.4.10 - Retaining Ring for the fixed glass section of the opening window. <b>Max Score Points : 50 Points</b> <b>Min Score Points : 10 Points</b>	The design has the retaining ring for the fixed section on the inside of the assembly - retaining ring does not have to be painted.	50	

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		The design has the retaining ring for the fixed section on the outside of the assembly - retaining ring must be powder coated white.	10	
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