



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

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

1713 Bedford Row

Halifax, N.S./Halifax, (N.É.)

Halifax

Nova Scotia

B3J 1T3

Bid Fax: (902) 496-5016

REQUEST FOR PROPOSAL DEMANDE DE PROPOSITION

**Proposal To: Public Works and Government
Services Canada**

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

**Proposition aux: Travaux Publics et Services
Gouvernementaux Canada**

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

Comments - Commentaires

Vendor/Firm Name and Address

Raison sociale et adresse du

fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Atlantic Region Acquisitions/Région de l'Atlantique
Acquisitions

1713 Bedford Row

Halifax, N.S./Halifax, (N.É.)

Halifax

Nova Scot

B3J 1T3

Title - Sujet CCGS Hudson - Lifeboat & Davit	
Solicitation No. - N° de l'invitation F5561-180675/A	Date 2018-08-08
Client Reference No. - N° de référence du client F5561-18-0675	
GETS Reference No. - N° de référence de SEAG PW-\$HAL-201-10481	
File No. - N° de dossier HAL-8-81103 (201)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-08-24	Time Zone Fuseau horaire Atlantic Daylight Saving Time ADT
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Crocker, Quentin	Buyer Id - Id de l'acheteur hal201
Telephone No. - N° de téléphone (902) 478-8034 ()	FAX No. - N° de FAX (902) 496-5016
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF FISHERIES AND OCEANS MARITIMES REGIONAL HQ BLDG 50 DISCOVERY DR - LEVEL 4 DARTMOUTH NOVA SCOTIA B2Y4A2 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

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



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Unit Price/Prix unitaire FOB/FAM Destination	Plant/Usine	Delivery Req. Livraison Req.	Del. Offered Liv. offerte
1	CCGS Hudson - Lifeboat & Davit	F5561	F5561	1	SUM	\$	XXXXXXXXXXXX	See Herein	

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Buyer ID - Id de l'acheteur
HAL201
CCC No./N° CCC - FMS No./N° VME

PART 1 - GENERAL INFORMATION

1.1 Requirement

The Work to be performed is detailed under Article 6.2 of the resulting contract clauses.

1.2 Debriefings

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

1.3 Trade Agreements

The requirement is subject to the provisions of the Canadian Free Trade Agreement (CFTA).

1.4 epost Connect service

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

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

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

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

The [2003](#) (2017-04-27) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

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

Delete: 60 days

Insert: 90 days

2.2 Submission of Bids

Bids must be submitted only to the Public Works and Government Services Canada (PWGSC) Bid Receiving Unit specified below by the date and time indicated on page 1 of the bid solicitation:

Bid Receiving Public Works and Government Services Canada
1713 Bedford Row
Halifax, Nova Scotia, B3J1T3

E-mail: TPSGC.RAReceptionSoumissionsNE-ARBidReceivingNS.PWGSC@tpsgc-pwgsc.gc.ca

Note: Bids/Offers will be not be accepted if emailed directly to this email address. This email is to initiate an ePost Connect conversation, as detailed in the Standard Instructions.

Facsimile: (902) 496-5016

2.3 Former Public Servant

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

Definitions

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

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

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

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

Members of Parliament Retiring Allowances Act, R.S. 1985, c. M-5, and that portion of pension payable to the Canada Pension Plan Act, R.S., 1985, c. C-8.

Former Public Servant in Receipt of a Pension

As per the above definitions, is the Bidder a FPS in receipt of a pension? **Yes () No ()**

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

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

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

Work Force Adjustment Directive

Is the Bidder a FPS who received a lump sum payment pursuant to the terms of the Work Force Adjustment Directive? **Yes () No ()**

If so, the Bidder must provide the following information:

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

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

2.4 Enquiries - Bid Solicitation

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

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by Bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as

such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all Bidders. Enquiries not submitted in a form that can be distributed to all Bidders may not be answered by Canada.

2.5 Applicable Laws

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

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

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

- If the Bidder chooses to submit its bid electronically, Canada requests that the Bidder submits its bid in accordance with section 08 of the 2003 standard instructions. Bidders must provide their bid in a single transmission. The epost Connect service has the capacity to receive multiple documents, up to 1GB per individual attachment.

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

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

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

Section I: Technical Bid (2 hard copies)
Section II: Financial Bid (1 hard copy)
Section III: Certifications (1 hard copy)

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

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

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

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

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

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
 - 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.
- If the Bidder is simultaneously providing copies of its bid using multiple acceptable delivery methods, and if there is a discrepancy between the wording of any of these copies and the electronic copy provided through epost Connect service, the wording of the electronic copy provided through epost Connect service will have priority over the wording of the other copies.

Section I: Technical Bid

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

Section II: Financial Bid

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

3.1.1 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 "D" Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

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

3.1.2 Exchange Rate Fluctuation

SACC Manual Clause [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

The technical evaluation will assess whether all mandatory requirements are met using the information provided with a bid. Canada reserves the right, but is under no obligation to clarify any information or compliance with a mandatory requirement with a bidder.

Bidders are to complete and certify, via signature, Annex "C" Technical Evaluation Criteria as requested therein.

4.1.2 Financial Evaluation

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

4.2 Basis of Selection

4.2.1 Basis of Selection – Mandatory Technical Criteria

1. To be declared responsive, a bid must:
 - a. comply with all the requirements of the bid solicitation; and
 - b. meet all mandatory criteria; and
 - c. obtain the required minimum of 30 points overall for the technical evaluation criteria which are subject to point rating.
The rating is performed on a scale of 60 points.
2. Bids not meeting (a) or (b) or (c) will be declared non-responsive.
3. The selection will be based on the highest responsive combined rating of technical merit and price. The ratio will be 60% for the technical merit and 40% for the price.
4. To establish the technical merit score, the overall technical score for each responsive bid will be determined as follows: total number of points obtained / maximum number of points available multiplied by the ratio of 60 %.
5. To establish the pricing score, each responsive bid will be prorated against the lowest evaluated price and the ratio of 40 %.
6. For each responsive bid, the technical merit score and the pricing score will be added to determine its combined rating.
7. Neither the responsive bid obtaining the highest technical score nor the one with the lowest evaluated price will necessarily be accepted. The responsive bid with the highest combined rating of technical merit and price will be recommended for award of a contract.

The table below illustrates an example where all three bids are responsive and the selection of the contractor is determined by a 60/40 ratio of technical merit and price, respectively. The total available points equals 135 and the lowest evaluated price is \$45,000 (45).

Basis of Selection - Highest Combined Rating Technical Merit (60%) and Price (40%)				
		Bidder 1	Bidder 2	Bidder 3
Overall Technical Score		115/135	89/135	92/135
Bid Evaluated Price		\$55,000.00	\$50,000.00	\$45,000.00
Calculations	Technical Merit Score	$115/135 \times 60 = 51.11$	$89/135 \times 60 = 39.56$	$92/135 \times 60 = 40.89$
	Pricing Score	$45/55 \times 40 = 32.73$	$45/50 \times 40 = 36.00$	$45/45 \times 40 = 40.00$
Combined Rating		83.84	75.56	80.89
Overall Rating		1st	3rd	2nd

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

Bidders must provide the required certifications and additional information to be awarded a contract.

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare a bid non-responsive, or will declare a contractor in default if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority will render the bid non-responsive or constitute a default under the Contract.

5.1 Certifications Required with the Bid

Bidders must submit the following duly completed certifications as part of their bid.

5.1.1 Integrity Provisions - Declaration of Convicted Offences

In accordance with the Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, **if applicable**, the declaration form available on the [Forms for the Integrity Regime](http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html) website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>), to be given further consideration in the procurement process.

5.2 Certifications Precedent to Contract Award and Additional Information

The certifications and additional information listed below should be submitted with the bid, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to

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provide the information. Failure to provide the certifications or the additional information listed below within the time frame provided will render the bid non-responsive.

5.2.1 Integrity Provisions – Required Documentation

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real 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.

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#>).

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list at the time of contract award.

PART 6 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

6.1 Security Requirements

6.1.1 There is no security requirement applicable to the Contract.

6.2 Requirement

The Contractor must provide the items detailed under "Requirement" in 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](#) (2018-06-21), General Conditions - Goods (Medium Complexity), apply to and form part of the Contract.

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6.4 Term of Contract

6.4.1 Delivery Date

All the deliverables must be received within 24 weeks after award of Contract to support scheduled refit.

6.4.2 Delivery Points

CCG Storage Hanger
CFB 12 Wing Shearwater,
Shearwater, NS
BOJ3A0

6.5 Authorities

6.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Quentin Crocker
Title: Supply Specialist
Public Works and Government Services Canada
Acquisitions Branch, Marine Procurement
Address: 1713 Bedford Row, Halifax, NS, B3J3C9

Telephone: (902) 478-8034
Facsimile: (902) 496-5016
Email: quentin.crocker@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 to be identified after award of the resulting contract.

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.

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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

To be named upon award of contract.

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 lot price, as specified in Annex B. Customs duties are included and Applicable Taxes are extra.

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

6.6.2 Single Payment

Canada will pay the Contractor upon completion and delivery of the Work in accordance with the payment provisions of the Contract if:

- a. an accurate and complete invoice and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- b. all such documents have been verified by Canada;
- c. the Work delivered has been accepted by Canada.

6.6.3 Electronic Payment of Invoices – Contract

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

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

6.7 Invoicing Instructions

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

- a. The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.
- b. One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract

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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 Nova Scotia.

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 (2016-06-21), General Conditions- Goods (Medium Complexity)
- (c) Annex A, Requirement;
- (d) Annex B, Basis of Payment
- (e) the Contractor's bid dated _____.

6.11 SACC Manual Clauses

SACC Manual Clause D2025C (2017-08-17), Wood packaging materials

SACC Manual Clause B7500C (2016-06-16), Excess Goods

SACC Manual Clause G1005C (2016-01-28), Insurance

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ANNEX "A"
REQUIREMENT

C.C.G.S. Hudson
Life Boat and Davit Procurement
Specification # 18-H011-18-04

1: Scope:

The intent of this Statement of Requirements (SOR) is to procure two (2) new lifeboats, complete with davit systems, to replace the existing lifeboat and davit systems currently fitted on the CCGS Hudson. Also, this procurement shall include 16 months of electrical and mechanical spares for regularly scheduled maintenance.

2: Technical Description:

2.1 Vessel Installation Requirements

- 2.1.1 The CCGS Hudson requires two (2) new Lifeboats and two (2) new Davit/winch systems that shall conform to all applicable standards and regulations, listed below:
- a) Life Saving Equipment Regulations (TC# 1436) pursuant to the Canada Shipping Act
 - b) International Convention for the Safety of Life at Sea (Chapter 3 – Life-Saving Appliances & Arrangements)
 - c) Lloyd 's Register and Transport Canada approval (TP7320E, TP 7323E)
 - d) The Canadian Coast Guard's Fleet Safety Manual (DFO 5737).
- 2.1.2 All references to approval within this specification are defined as Class approval by one of the Recognized Organizations (RO) approved by Transport Canada within the Delegated Statutory Inspection Program (DSIP) and the Marine Machinery Regulations (CSA 2001). If it is found anywhere throughout this specification that the information given does not comply with or exceed any of the above mentioned regulations, The Coast Guard Technical Authority (CGTA) shall be informed immediately and regulations will be adhered to.
- 2.1.3 New Lifeboat/Davit arrangement shall be in accordance with appropriate class societies, including the Canada Shipping Act, SOLAS, Transport Canada, & Lloyd's Register regulations.
- 2.1.4 Complete Vendor Furnished information shall be provided 2 weeks after award of contract; this data will allow a 3rd party to do an Engineering Change, removing the old systems and incorporating the new design into the vessel, ie, the hull, mechanical and electrical interfaces.
- 2.1.5 Preference will be given to contractors capable of supplying certified service personal and OEM parts for all equipment within 24 hours of request.
- 2.1.6 New davits and lifeboats will be located within the available area as per drawing in appendix one labeled Figure 1. Davits can be mounted on ship pads that level the davit and boat system (3rd party to design). Preference will be given to boat/davit package requiring minimal structural modification to the ship.

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- 2.1.7 New davits shall not impede access or otherwise block current passage around and under the davit. Passage shall be maintained under the davit and boat as per currently fitted arrangement.
- 2.1.8 For stability reasons, preference will be given to contractors who can supply a new davit & lifeboat system that has a comparable weight of the existing system.
- Weight of existing lifeboat= 3562kg
Weight of original ACEBI lifeboat davit from factory = 3700kg
- 2.1.9 New davits and lifeboat system shall not extend past the ship's side when in the stowed position.
- 2.1.10 The installation for the lifeboat and Davit winch shall include in the proposal all required electrical equipment including step-down transformers, cabling and enclosures. All supplied equipment shall be connected to, and operate on, a 440 VAC / 3 ph / 60 Hz supply and shall be rated for marine use in accordance with the applicable TC and regulatory standards.
- 2.1.11 All metal structures of the davit shall be coated in accordance with the manufacturers application requirements and shall receive the following paint scheme:
- I. One (1) Stripe coat of Wasser primer – MC MIOZINC (DFT 3mil) to all edges, crevices, nuts, bolts, rivets, back to back angle and weld seams.
 - II. Full Prime coat of Wasser primer – MC MIOZINC (DFT 3-5mil) to all bare metal areas and previously Stripe coated areas.
 - III. An intermediate coat of Wasser MC-CR White (DFT 3-5mil)
 - IV. A topcoat of Wasser MC Luster 100 –RAL 9003 White (DFT 3-5mil)
- 2.1.12 The proposed lifeboat and davit system shall include all equipment and parts necessary for a complete and fully functioning installation permitting deployment and recovery of the lifeboat in normal and emergency situations.
- 2.1.13 The Contractor shall provide all mechanical and electrical spares required to perform two (2) years of the maintenance as per the OEM maintenance schedule. The required spares shall be genuine OEM parts as published in the manufacturer's maintenance manual.
- 2.1.14 The Contractor shall provide a list of manufacturer recommended spares for a fifteen (15) year lifespan as published in the manufacturer's maintenance manual. The list shall include part numbers, lead-time to order, retail prices at time of bid submission, complete with a list of Canadian distributors and service centers
- 2.1.15 The new lifeboat and davit system shall be fully supported with available service representative available to attend the vessel in 24 hours to the vessel's operational areas of the Atlantic

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Provinces of Canada. Preference will be given to suppliers with field service representation located in the Atlantic Provinces.

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Davit Requirements

- 2.2.1 New davit and lifeboat systems shall be from the same manufacturer, or have the same local or regional field service representative as a point of contact. The package shall be operationally proven in Eastern Canada & North Atlantic waters on a year-round basis. The contractor shall provide a type written document outlining this requirement in 5000 words or less.
- 2.2.2 Davit winch motors shall be 440VAC / 3 phase / 60Hz. The electrical Circuit for the existing winches use a 30 amp circuit breaker and preference is given to packages not exceeding this protection requirement.
- 2.2.3 New davit system shall suit existing structure on vessel with minimal structural modifications required. Preference will be given to contractors who can supply a system with little to no structural modifications required.
- 2.2.4 The davits shall be fitted with one (1) or two (2) shore connections as required for the purpose of battery chargers and heating devices as required by the lifeboat design and outfit subject to the condition of 2.3.19 and 2.3.20 of this specification. Where two (2) different voltages are utilized, the receptacles shall be of different designs to prevent interconnection with the incorrect voltage.
- 2.2.5 New davits system shall be launch-able and recoverable under no load condition. They may use a manual winching system or other means not requiring the weight of the lifeboat to operate. Crew shall have the capability to turn out the davits and lower hook under no weight, for drills, and recovery for maintenance. The release mechanism shall protect against inadvertent release by the crew.
- 2.2.6 The davit shall be fitted with a 2 speed winch for the purpose of recovery.
- 2.2.7 The davit shall be capable of remote operation from the helm position within the lifeboat for the purpose of deployment and for local operation for deployment and recover from the operator station on the vessel.
- 2.2.8 The davit shall be fitted with a lifeboat securing system, i.e. grips, for the purpose of securing the lifeboat when the vessel is in service. This securing system shall have an automatic release once the davits are moved from the stowed position.

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2.2 Lifeboat Requirements

- 2.3.1 The CCGS Hudson has been granted an exemption allowing the use of two (2) – 50 man life boats. For the purpose of this paragraph only, the contractor shall not use regulations for the purpose of the bidding process and shall instead bid on a minimum of a 50 person lifeboat.
- 2.3.2 Lifeboat shall be a totally enclosed, rigid boat, and shall be capable of loading personnel from the stowed position or at embarkation deck.
- 2.3.3 Lifeboat shall be rigid hull constructed of self-extinguishing fibrous glass reinforced plastics (GRP) and the material shall be resistant to deterioration from ambient conditions such as air temperature in the range of -30 to+ 65 Deg C, rot, corrosion, seawater, oil, fungus and sunlight, in accordance with TP3720E.
- 2.3.4 Lifeboat will be self-righting when capsized in accordance with TP3720E.
- 2.3.5 Lifeboat shall be powered by a compression ignition engine with engine heater and dual electric start. Lifeboat shall also be fitted with dual independent rechargeable power sources. The lifeboat engine and transmission shall be controlled from the helmsman position. Engine shall be capable of running in any position in the event of capsize and continue to run after up-righting. Lifeboat when waterborne shall be capable of protecting persons on board when subjected to a continuous oil fire that envelopes the lifeboat for a period of not less than 8 minutes in accordance with TP7320E.
- 2.3.6 The deployed position of the lifeboat is to meet SOLAS requirements for launching.
- 2.3.7 All lifeboat release and retrieval systems shall comply with the requirements of Resolution MSC. 317 (89).
- 2.3.8 The lifeboat release mechanism shall have built in protect against inadvertent release by crew.
- 2.3.9 The exterior hull and canopy of the lifeboat shall be of gel coat resin with a final colour of RAL 2008 Bright Red Orange or equivalent international standard. Lifeboat interior shall be a finish colour of RAL 7035 Light Grey or similar.
- 2.3.10 Lifeboat markings shall include the vessel's name, IMO number, port of registry, boat number and capacity marked on the port and starboard bows. The vessels call sign CGHL shall be on the top of the lifeboat in retro-reflective markings.
- 2.3.11 The lifeboat shall be fitted with an identification plate affixed to the interior hull with the following information provided: serial number, dimensions, date of manufacture, date of inspection, number of persons and load capacity.
- 2.3.12 All walking surfaces, interior and exterior, shall be fitted with non-skid coatings and meet the same colour scheme as above requirement in para 2.3.9.

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- 2.3.13 The lifeboat shall be fitted with retro-reflective tape as per the Life Saving Equipment Regulations and LSA Code.
- 2.3.14 The lifeboat shall be fitted with a hull drain. The drain shall be self-sealing in the event the drain plug is dislodged when the boat is in operation.
- 2.3.15 The lifeboat passenger cabin shall be fitted with a ventilation arrangement that can be manually closed for passage in toxic atmospheres.
- 2.3.16 The lifeboat shall be fitted with a manual bilge pump with valved connections to the passenger space and the engine compartment.
- 2.3.17 The lifeboat shall be fitted with a rubber fender to protect the exterior hull. All fasteners used to attach this fender shall be 316 stainless steel.
- 2.3.18 The lifeboat shall be fitted with buoyant grab lines along the exterior of the hull as per the requirements of the LSA Code.
- 2.3.19 The lifeboat shall be fitted with a shore power connection receptacle for the supply of the battery charger(s) and lifeboat electrical system when not in operation. The shore power receptacle shall be marked clearly as such and shall be of a different design as that in the requirements of 3.3.4.
- 2.3.20 The lifeboat shall be fitted with internal cabin heaters. Voltage is to be the same as the onboard voltage for the lifeboat and cannot exceed 55VAC. The heater total rating shall be a minimum of 300 watts.
- 2.3.21 The lifeboat shall be fitted with the following electrical equipment installed; two (2) x canopy light, handheld search light, position indicating light, and illuminated compass.
- 2.3.22 The Lifeboat shall be fitted with protective fuses in the switch panel containing the circuits listed in 2.3.19 to 2.3.21.
- 2.3.23 The lifeboat shall be supplied with a full stock of standard life saving appliances and equipment as per LSA Code and Life Saving Appliance Regulations for a Canadian SOLAS convention vessel; these shall be stored in clearly marked storage cabinets. The storage cabinets shall be constructed within the interior of the lifeboat.

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2.3 Lifeboat Propulsion Requirements

- 2.4.1 Prime mover shall be an inboard compression ignition engine complete with pre-heater and dual electric start. This engine shall be capable of running in any position in the event of capsize or inclement weather and continue to run once the vessel has been returned to an upright position as per the requirements of the applicable Regulations listed below in Section 3: Standards.
- 2.4.2 All engine exhaust piping and the exhaust silencer shall be suitably insulated with a thermal insulating material.
- 2.4.3 The engine instrumentation panel shall contain controls for engine start / stop, alternator output (voltage meter), battery charge / level indication, tachometer, jacket water temperature gauge, high jacket water temperature alarm, lube oil pressure gauge, and a low lube oil pressure alarm.
- 2.4.4 The lifeboat fuel tank shall be constructed of stainless steel and have a capacity to operate the vessel underway at full rated speed for at least 24 hours as per the LSA Code and Life Saving Appliances Regulations for a Canadian SOLAS convention vessel. The fuel tank vent shall be routed to the exterior of the vessel and be fitted with a spark arrestor at the exterior. The fuel system shall be fitted with a disposable cartridge type in-line filter with isolation valves. The tank shall be fitted with a level indication and fuel shut-off valve.
- 2.4.5 The helm position shall be fitted with a reversible transmission and throttle control and steering system. An emergency tiller steering system shall also be incorporated within the lifeboat which disengages the helm control for steering.
- 2.4.6 The helm position shall be fitted with a battery selector switch with positions of "Battery One, Battery Two, Both, and Off".
- 2.4.7 The lifeboat shall be fitted with a dual battery charger capable of maintaining the charge on the batteries when the lifeboat is stowed. The required operational input voltage not to exceed 55VAC . The batteries shall be capable of receiving a charge from the battery chargers and the engine driven alternator.
- 2.4.8 Batteries shall be supplied with the lifeboat and shall be maintenance free, mounted in class approved containers, and be vented to the exterior of the lifeboat.
- 2.4.9 The lifeboat propeller shaft shall be supported in water lubricated bearings and be fitted with a sealing arrangement fitted to the interior of the lifeboat.
- 2.4.10 The fitted propeller shall be fabricated from a non-corroding material and be fitted with a guard.
- 2.4.11 The lifeboat engine cooling system shall be a sealed system comprised of a keel cooler arrangement and be filled with a distilled water / antifreeze mixture suitable to 40 °C. This

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system shall permit the running of the lifeboat in the stowed position as defined by the LSA code and the Life Saving Appliance Regulations.

2.4 Included with Proposal

- 2.5.1 Contractor will supply a technical package containing all dimensional, weight load, electrical, and control information on the boat and davit package. This information shall be of sufficient detail for a third party to design an installation package, containing all ship interface modifications.
- 2.5.2 The name and contact number for a FSR liaison that the third party contractor can contact to discuss requirements for installation specification. The cost of the FSR will be included in the bid and will include up to 25 hours of support.

2.5 Included on Delivery

- 2.6.1 On delivery, Contractor shall supply (in duplicate) copies of boat "Type Approval" certificates (or CGTA approved alternative), davit fabrication certification, engine and "as-fitted" equipment certification, and 3 copies of the Manufacturers' operation, parts list and maintenance instructions.
- 2.6.2 Each lifeboat and davit set will undergo load, brake and release testing following installation in the ship, in accordance with TP 7320E, and TP 7323E, and have their release mechanism demonstrated. The bidder is to quote the FSR (factory service Rep) daily rate to attend this testing.
- 2.6.3 The Contractor will provide a list of manufacturer recommended spares for a fifteen (15) year lifespan as published in the manufacturer's maintenance manual. The list shall include part numbers, lead-time to order, retail prices at time of bid submission, complete with a list of Canadian distributors and service centers.
- 2.6.4 Successful supplier shall deliver complete davit, lifeboat & winch packages no later than 24 weeks after award of contract to:

CCG Storage Hanger
CFB 12 Wing Shearwater,
Shearwater NS
BOJ 3A0

- 2.6.5 Contractor shall separately list transportation cost for adjustment purposes in the event the delivery address changes. Delivery cost will be added to overall bid during the evaluation process.

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3: Standards:

3.1 The requirements of the following standards shall be complied with in supplying the lifeboat and davit systems. Current editions of documents at the time of solicitation are to be used.

- 3.1.1 IMO International Convention for the Prevention of Pollution from Ships (MARPOL)
- 3.1.2 IMO International Convention for the Safety of Life at Sea (SOLAS)
- 3.1.3 IMO Life Saving Appliances (LSA) Code
- 3.1.4 Rules and Regulations for the Classification of Ships (Lloyds Register or equivalent)
- 3.1.5 Canada Shipping Act, 2001 (CSA 2001)
- 3.1.6 Life Saving Equipment Regulations
- 3.1.7 Marine Machinery Regulations
- 3.1.8 Vessel Pollution and Dangerous Chemical Regulations
- 3.1.9 TP127 – Ships Electrical Standards
- 3.1.10 TP14475 – Canadian Life Saving Appliance Standard
- 3.1.11 IEEE 45: Recommended Practice for Electrical Installation on Shipboard
- 3.1.12 IP Code, International Protection Marking, IEC Standard 60529

4.1 Quality Assurance

- 4.1 The lifeboat and davit systems shall be tested in accordance with regulatory requirements. Factory Acceptance Testing (FAT) procedures shall be carried out at the manufacturer's facility.
- 4.2 The Coast Guard Technical Authority (CGTA) shall witness the FAT. A minimum of 30 days notice of the FAT test date shall be given to the CGTA for the purpose of arranging travel.
- 4.3 Lloyd's surveyor shall be given the opportunity to attend and witness the testing. Contractor shall be responsible to have a written approval from Lloyd's supporting all testing documentation. Signed approval from Lloyd's shall be provided to CGTA prior to CG acceptance of the Lifeboat/davit system.
- 4.4 Upon completion of testing, the lifeboats and davit systems shall be prepared for delivery, i.e. crated / packaged as per manufacturer's recommendations.

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5: Deliverables:

5.1 Reports, Drawings and Manuals

5.1.1 Bid Package shall be complete with the following items:

- i. A complete set of drawings and equipment specifications.
- ii. A completed scoring Matrix as seen in appendix 2 of this specification. This Matrix will point to the exact location within the supporting documentation that lists the required information.
- iii. All Regulatory/TC/SOLAS rules and regulations shall be quoted in delivery package and the equipment proven to be compliant with supporting documentation.

5.1.2 On delivery of the proposed lifeboat and proposed davit system; the contractor shall supply the following technical documentation in:

- i. Davit fabrication certification
- ii. Engine and "as-fitted" equipment certification
- iii. Manufacturers operation, parts list and maintenance instructions.
- iv. Build Material List
- v. Equipment Drawings
- vi. Mounting Arrangements and Dimensions
- vii. Electrical Wiring Diagrams
- viii. Individual masses, including Center of Gravity (CoG) indication, of the proposed lifeboat, davit, and as a combined system.
- ix. Original Class Type Approval certificates for the lifeboat and davit
- x. Mechanical and electrical spares required to perform two (2) years of the recommended regularly scheduled maintenance.

5.1.3 All documentation shall be on two (2) typewritten hard copies and two (2) electronic USB storage devices. The electronic copies shall be in Adobe PDF format unless written approval is granted. All documents provided shall be provided in English.

5.1.4 Electronic documents shall be supplied within thirty (30) days of award of contract and be in PDF format. Electronic files shall have a resolution no less than 300 dpi, be manufacturer approved, and retain the colors of the original documents.

5.1.5 Delivery of the two (2) new lifeboat and davit systems is required by 24 weeks after contract award at the CCG Storage Hanger, CFB 12 Wing Shearwater, Shearwater NS, BOJ 3A0.

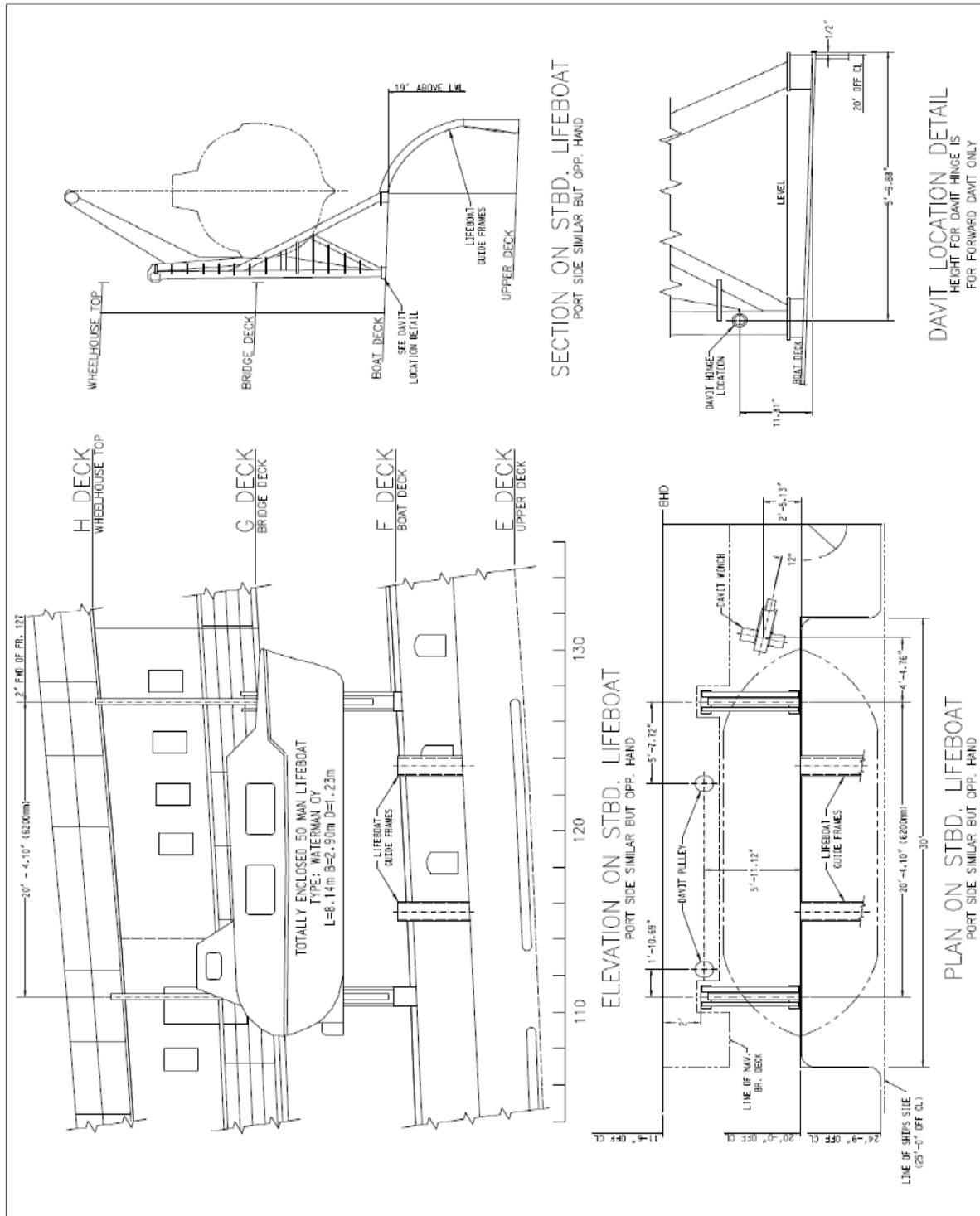
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6: WARRANTY

- 6.1 The supplier shall provide a minimum of one (1) year warranty from the serviceable date (the acceptance date by the class surveyor on board the vessel during testing) in which each lifeboat and davit system become operational.
- 6.2 For the purpose of the installations the various components may need to be separated and subsequently reassembled. If separation and reassembly is required this practice shall not void the manufacturer's warranty.
- 6.3 Supplier shall indicate if warranty requires Field Service Representative installation and commissioning.

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Appendix 1



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Appendix 2

Scoring Criteria

ATTACHED

ANNEX "B"

BASIS OF PAYMENT

The contractor will be paid in accordance with the following basis of payment for work performed and the deliverables received, pursuant to the contract.

DDP Delivery Duty Paid, CCG Storage Hanger, CFB 12 Wing Shearwater, Shearwater NS, B0J 3A0.

Firm lot price DDP (Incoterms 2010) for:

Note:

- The price is in Canadian Dollars, Applicable Taxes excluded, DDP destination, Canadian customs duties and excise taxes included.

Table 1

Item	Description	Qty	UoM	Unit cost (CAD)	Extended cost
Lifeboat and Davit systems meeting all requirements of Annex A.					
1	Lifeboat (16 months of electrical and mechanical spares for regularly scheduled maintenance)	2	Each	\$	\$
2	Davit system (including 16 months of electrical and mechanical spares for regularly scheduled maintenance)	2	Each	\$	\$
3	DDP Delivery Davits				\$
4	DDP Delivery Lifeboats				\$
5	Up to 25 hours FSR liaison support pre-installation (no travel required)				\$
6	Hourly rate for FSR liaison – for amendment if necessary		Each	\$	
FIRM LOT PRICE					\$ _____
	Incentive payment for delivery within 16 weeks of contract award date				\$ 15,000

Applicable taxes extra

Table 2: For Informational purposes only- not included in price evaluation

FSR Rates for Installation, testing & commissioning					
1	Daily FSR rate	1	day	\$	
2	Estimated days to test & commission		Person days	#	

ANNEX "C"

TECHNICAL EVALUATION CRITERIA

Proposals which do not meet all of the Mandatory Technical Requirements at the bid closing will be considered to be non-compliant and will be given no further consideration. The evaluation will only be based on the information provided with the bid. References to Internet sites or information that is not included will not be evaluated.

The Bidder must certify that the equipment complies with each and every one of the Mandatory Technical Specifications specified in Annex "A" Requirement. The bidder should include product literature, such as brochures, engineering drawings or product specification documents. Failure to meet the requirements of all of the Mandatory Technical Specifications will result in the bid being declared as non-compliant.

Section A: Mandatory Technical Criteria

The following criteria are **mandatory**. If the answer is "No" bidder will be deemed non-compliant. Failure to cross reference or provide documentation for reference will be deemed non-compliant. If bid is deemed non-compliant and no further assessment will be conducted:

1. New Lifeboat/Davit arrangement to be in accordance with appropriate rules and regulations, including the Canada Shipping Act, SOLAS, Transport Canada, & Lloyd's Register regulations.

Met___**Yes**___**No** **Page and Paragraph reference number**_____

1. New davits shall be located within the area available as outlined in Figure 1.

Met___**Yes**___**No** **Page and Paragraph reference number**_____

2. New davits shall not impede access or otherwise block passage around and under the davit as per current configuration on Boat Deck, Figure 1.

Met___**Yes**___**No** **Page and Paragraph reference number**_____

3. New davits and lifeboat system shall not extend past the ship's side when in the stowed position.

Met___**Yes**___**No** **Page and Paragraph reference number**_____

4. New lifeboat/davit system equipment is to all be from a single manufacturer, or have the same local/regional field representative to aid in overseeing commissioning & installation.

Met___**Yes**___**No** **Page and Paragraph reference number**_____

5. Lifeboat and Davit system is to be operationally proven in the North Atlantic / Eastern Canadian waters year round described in type written document less than 5000 words.

Met___**Yes**___**No** **Page and Paragraph reference number**_____

6. Davit winch motors shall be 440VAC/3 phase/60Hz.

Met___**Yes**___**No** **Page and Paragraph reference number**_____

7. Davits shall be fitted with one (1) or two (2) shore connections as required for the purpose of battery chargers and heating devices as required by the lifeboat design and outfit subject to the condition of 2.3.19 and 2.3.20 of this specification

Met___**Yes**___**No** **Page and Paragraph reference number**_____

9. The davit systems shall be able to be launched and recovered without load on them, using a manual winch system or other system requiring no weight on hooks.

Met___**Yes**___**No** **Page and Paragraph reference number**_____

10. Davit shall be fitted with a 2 speed winch for the purpose of recovery

Met___**Yes**___**No** **Page and Paragraph reference number**_____

11. davit shall be capable of remote operation from the helm position within the lifeboat for the purpose of deployment and for local operation for deployment and recover from the operator station on the vessel

Met___**Yes**___**No** **Page and Paragraph reference number**_____

12. The davit shall be fitted with a lifeboat securing system, i.e. grips, for the purpose of securing the lifeboat when the vessel is in service. This securing system shall have an automatic release once the davits are moved from the stowed position.

Met___**Yes**___**No** **Page and Paragraph reference number**_____

13. Life boat is totally enclosed, rigid, and is be capable of loading personnel from the stowed position, the bridge deck (embarkation deck).

Met___**Yes**___**No** **Page and Paragraph reference number**_____

14. Lifeboat shall be rigid hull constructed of self-extinguishing fibrous glass reinforced plastic and the material shall be resistant to deterioration from air temperature in the range of -30 to +65 D, rot, corrosion, seawater, oil, fungus, and sunlight and with a capacity for a minimum of 50 persons.

Met___**Yes**___**No** **Page and Paragraph reference number**_____

15. Lifeboat will be self-righting when capsized in accordance with TP3720E.

Met___**Yes**___**No** **Page and Paragraph reference number**_____

16. Lifeboat shall be powered by a compression ignition engine with engine heater and dual electric start.

Met___**Yes**___**No** **Page and Paragraph reference number**_____

17. Lifeboat shall be fitted with dual independent rechargeable power sources.

Met___**Yes**___**No** **Page and Paragraph reference number**_____

18. The lifeboat engine and transmission shall be controlled from the helmsman position.

Met___**Yes**___**No** **Page and Paragraph reference number**_____

19. Lifeboat when waterborne shall be capable of protecting persons on board when subject to a continuous oil fire that envelopes the lifeboat for a period of not less than 8 minutes.

Met___**Yes**___**No** **Page and Paragraph reference number**_____

20. Deployed position of lifeboat is to meet SOLAS requirements for launching.

Met___**Yes**___**No** **Page and Paragraph reference number**_____

21. Lifeboat shall be fitted all equipment listed in the specification para 2.3.7 to 2.3.23 inclusive

Para - 2.3.7 Met___Yes___No **Page and Paragraph reference number**_____

Para - 2.3.8 Met___Yes___No **Page and Paragraph reference number**_____

Para - 2.3.9 Met___Yes___No **Page and Paragraph reference number**_____

Para - 2.3.10 Met___Yes___No **Page and Paragraph reference number**_____

Para - 2.3.11 Met___Yes___No **Page and Paragraph reference number**_____

Para - 2.3.12 Met___Yes___No **Page and Paragraph reference number**_____

Para - 2.3.13 Met___Yes___No **Page and Paragraph reference number**_____

Solicitation No. - N° de l'invitation
F5561-180675/A
Client Ref. No. - N° de réf. du client
F5561-18-0675

Amd. No. - N° de la modif.
-
File No. - N° du dossier
HAL-8-81103

Buyer ID - Id de l'acheteur
HAL201
CCC No./N° CCC - FMS No./N° VME

Para - 2.3.14 Met ☐ Yes ☐ No Page and Paragraph reference number _____
Para - 2.3.15 Met ☐ Yes ☐ No Page and Paragraph reference number _____
Para - 2.3.16 Met ☐ Yes ☐ No Page and Paragraph reference number _____
Para - 2.3.17 Met ☐ Yes ☐ No Page and Paragraph reference number _____
Para - 2.3.18 Met ☐ Yes ☐ No Page and Paragraph reference number _____
Para - 2.3.19 Met ☐ Yes ☐ No Page and Paragraph reference number _____
Para - 2.3.20 Met ☐ Yes ☐ No Page and Paragraph reference number _____
Para - 2.3.21 Met ☐ Yes ☐ No Page and Paragraph reference number _____
Para - 2.3.22 Met ☐ Yes ☐ No Page and Paragraph reference number _____
Para - 2.3.23 Met ☐ Yes ☐ No Page and Paragraph reference number _____

22. The Lifeboat shall be supplied with a full stock of standard life saving appliances and equipment as per LSA Code and Life Saving Appliance Regulations for a Canadian SOLAS convention vessel; these shall be stored in clearly marked storage cabinets. The storage cabinets shall be constructed within the interior of the lifeboat.

Met ☐ Yes ☐ No Page and Paragraph reference number _____

23. Prime mover shall be an inboard compression ignition engine complete with pre-heater and dual electric start

Met ☐ Yes ☐ No Page and Paragraph reference number _____

24. Engine shall be capable of running in any position in the event of capsize and continue to run after up-righting.

Met ☐ Yes ☐ No Page and Paragraph reference number _____

25. Lifeboat shall be self-righting when capsized or inclement weather and continue to run once the vessel has been returned to an upright position.

Met ☐ Yes ☐ No Page and Paragraph reference number _____

26. All engine exhaust piping and the exhaust silencer are suitably insulated with a thermal insulating material

Met ☐ Yes ☐ No Page and Paragraph reference number _____

27. The engine instrumentation panel contains controls for engine start / stop, alternator output (voltage meter), battery charge / level indication, tachometer, jacket water temperature gauge, high jacket water temperature alarm, lube oil pressure gauge, and a low lube oil pressure alarm

Met ☐ Yes ☐ No Page and Paragraph reference number _____

28. The lifeboat fuel tank shall be constructed of stainless steel and have a capacity to operate the vessel underway at full rated speed for at least 24 hours

Met ☐ Yes ☐ No Page and Paragraph reference number _____

29. The fuel tank vent shall be routed to the exterior of the vessel and be fitted with a spark arrestor at the exterior

Met ☐ Yes ☐ No Page and Paragraph reference number _____

30. The fuel system shall be fitted with a disposable cartridge type in-line filter with isolation valves.

Met ☐ Yes ☐ No Page and Paragraph reference number _____

31. The tank shall be fitted with a level indication and fuel shut-off valve.

Met ☐ Yes ☐ No Page and Paragraph reference number _____

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32. The helm position shall be fitted with a reversible transmission and throttle control and steering system. An emergency tiller steering system shall also be incorporated within the lifeboat which disengages the helm control for steering.

Met _____ Yes _____ No _____ Page and Paragraph reference number _____

33. The helm position shall be fitted with a battery selector switch with positions of "Battery One, Battery Two, Both, and Off".

Met _____ Yes _____ No _____ Page and Paragraph reference number _____

34. The lifeboat is fitted with a dual battery charger capable of maintaining the charge on the batteries when the lifeboat is stowed with the required operational input voltage not exceeding 55VAC and the batteries are capable of receiving a charge from the battery chargers and the engine driven alternator.

Met _____ Yes _____ No _____ Page and Paragraph reference number _____

35. Batteries will be supplied with the lifeboat and will be maintenance free, mounted in class approved containers, and be vented to the exterior of the lifeboat

Met _____ Yes _____ No _____ Page and Paragraph reference number _____

36. Lifeboat propeller shaft will be supported in water lubricated bearings and be fitted with a sealing arrangement fitted to the interior of the lifeboat

Met _____ Yes _____ No _____ Page and Paragraph reference number _____

37. The fitted propeller will be fabricated from a non-corroding material and be fitted with a guard

Met _____ Yes _____ No _____ Page and Paragraph reference number _____

38. Lifeboat engine cooling system shall be a sealed system comprised of a keel cooler arrangement and be filled with a distilled water / antifreeze mixture suitable to 40 °C. This system shall permit the running of the lifeboat in the stowed position as defined by the LSA code and the Life Saving Appliance Regulations

Met _____ Yes _____ No _____ Page and Paragraph reference number _____

39. Successful supplier is able to deliver complete davit, lifeboat & winch packages no later than 24 weeks after award of contract, to CCG Storage Hanger, CFB 12 Wing Shearwater, Shearwater NS, B0J 3A0.

Met _____ Yes _____ No _____ Page and Paragraph reference number _____

Bidder certifies compliance to each and every one
of the mandatory criteria above:

_____ Date: _____

Section B: Technical Merit Criteria

The following criteria are further assessment criteria. Provided there is more than one compliant bid, bidders will be given points based on their answers as outlined below and total points will count for 60% of the bid assessment:

- 1. The contractor shall be capable of supplying certified service personnel and OEM parts within 24 hours of request.**

Met___Yes___No Page and Paragraph reference number_____

Points value: 10 pts

Yes = 10 pts

No = 0 pts

- 2. Contractors can supply a new davit & lifeboat system that has a comparable weight of the existing system.**

Note: Existing System has weights supplied as follows:

Weight of existing lifeboat= 3562kg

Weight of original ACEBI lifeboat davit from factory = 3700kg

Points value: 15 pts

New system weight = or < existing weight: 15 pts

New system weight = Existing weight +1% to +10%: 7.5 pts

New system weight = Existing weight + 11% or more: 0 pts

- 3. Davit winch motors shall be no larger than 30 amp circuit.**

Met___Yes___No Page and Paragraph reference number_____

Points value: 10 pts

Yes = 10 pts

No = 0 pts

- 4. New davit system shall suit existing structure on vessel with minimal structural modifications required.**

Met___Yes___No Page and Paragraph reference number_____

Points value: 15 pts

No Modification: 15 pts

Cosmetic* Modification: 7.5 pts

Major** structural Modification: 0 pts

*Minimal – small structural additions such as mounting pads, small deck inserts under 3 feet square, addition of kick pipes or small deck penetrations or similar

**Major is described as – crop out and/or replacement of frames or stringers, deck crop outs larger than 3 feet square, additional stiffing of structure or similar

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5. The new arrangement shall be fully supported by a parts station and available service representative in the vessel's operational areas of the Maritime Provinces of Canada.

Met_____Yes___No Page and Paragraph reference number_____
Point Value: 10 pts

Best choice only for items 1-4:

1. FSR located in Atlantic Provinces (NL, NS, PEI, NB): 10 pts
2. FSR located in Eastern Canada (QC, Ont): 5 pts
3. FSR Located in Canada: 0 pts
4. No Canadian FSR: Bid Non-compliant

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ANNEX “D” to PART 3 OF THE BID SOLICITATION

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);