



RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:

**Bid Receiving - PWGSC / Réception des
soumissions - TPSGC**

11 Laurier St. / 11, rue Laurier

Place du Portage , Phase III

Core 0B2 / Noyau 0B2

Gatineau

Québec

K1A 0S5

Bid Fax: (819) 997-9776

REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION

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

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

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

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

Comments - Commentaires

Title - Sujet Glass Reinforced Plastic vessel 6-7m Glass Reinforced Plastic (GRP) vessel with engine package and trailer	
Solicitation No. - N° de l'invitation K2B79-240550/A	Date 2023-11-22
Client Reference No. - N° de référence du client K2B79-240550	
GETS Reference No. - N° de référence de SEAG PW-\$\$MC-047-29220	
File No. - N° de dossier 047mc.K2B79-240550	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Standard Time EST on - le 2023-12-20 Heure Normale du l'Est HNE	
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: Rhéaume, Martin	Buyer Id - Id de l'acheteur 047mc
Telephone No. - N° de téléphone () - ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Specified Herein Précisé dans les présentes	

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address

Raison sociale et adresse du

fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Ship Construction, Refit and Related Services/Construction navale, Radoubs et services connexes

11 Laurier St. / 11, rue Laurier

6C2, Place du Portage

Gatineau

Québec

K1A 0S5

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



Destination Code - Code destinataire	Destination Address - Adresse de la destination	Invoice Code - Code bur.-comptable	Invoice Address - Adresse de facturation
D - 1	6 Bruce Street Mount Pearl, NL A1N 4T3	I - 1	6 Bruce Street Mount Pearl, NL A1N 4T3 marie-andree.dube@ec.gc.ca



Item Article	Description	Dest. Code Dest.	Inv. Code Fact.	Qty Qté	U. of I. U. de D.	Unit Price/Prix unitaire FOB/FAM		Delivery Req. Livraison Req.	Del. Offered Liv. offerte
						Destination	Plant/Usine		
1	Fibreglass Boat	D - 1	I - 1	1	Each	\$	XXXXXXXXXXXXXX	See Herein – Voir ci-inclus	
2	FY 23-24 Taxes (15%)	D - 1	I - 1	1	Each	\$	XXXXXXXXXXXXXX	See Herein – Voir ci-inclus	

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PART 1 - GENERAL INFORMATION

1.1 Introduction

1.1.1 The bid solicitation is divided into seven parts plus attachments and annexes, as follows:

- a) Part 1 General Information: provides a general description of the requirement;
- b) Part 2 Bidder Instructions: provides the instructions, clauses and conditions applicable to the bid solicitation;
- c) Part 3 Bid Preparation Instructions: provides Bidders with instructions on how to prepare their bid;
- d) Part 4 Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria that must be addressed in the bid, and the basis of selection;
- e) Part 5 Certifications and Additional Information: includes the certifications and additional information to be provided;
- f) Part 6 Security, Financial and Other Requirements: includes specific requirements that must be addressed by Bidders; and
- g) Part 7 Resulting Contract Clauses: includes the clauses and conditions that will apply to any resulting contract.

1.1.2 The Annexes include the Technical Statement of Requirements, the Basis of Payment, the Acceptance Form and Mandatory Technical Criteria.

1.2 Summary

1.2.1 The Department of Environment and Climate Change Canada has a requirement to purchase one (1) 6-7m Glass Reinforced Plastic (GRP) boat with engine package and trailer in accordance with the Technical Statement of Requirements (TSOR) at Annex "A". It is requested that the boat and trailer be delivered no later than 31 March 2024. The boat, trailer and ancillary items are to be delivered to Corner Brook, NL in accordance with the Basis of Payment at Annex "B".

1.2.2 This bid solicitation allows bidders to use the CPC 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.

1.3 Canadian content

1.3.1 The requirement is subject to a preference for Canadian Goods.

1.4 Debriefings

1.4.1 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.

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PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

- 2.1.1 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.
- 2.1.2 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.
- 2.1.3 The [2003](#) (2023-06-08) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

2.2 Technical Difficulties of Bid Transmission

- 2.2.1 This section applies despite anything to the contrary in this solicitation or the Standard Instructions 2003.
- 2.2.2 Where a Bidder has commenced transmission of its bid through bid through an electronic submission method (such as facsimile or Canada Post Corporation's (CPC) Connect service, advance of the bid solicitation closing date and time, but due to technical difficulties, Canada was unable to receive or decode the entirety of the Bid by the deadline, Canada may nonetheless accept the entirety of the Bid received after the bid solicitation closing date and time, provided that the Bidder can demonstrate the following:
- a) The bidder contacted Canada in advance of the bid solicitation closing date and time to attempt to resolve its technical difficulties; OR
 - b) The electronic properties of the Bid documentation clearly indicate that all components of the Bid were prepared in advance of the bid solicitation closing date and time.

2.3 Completeness of the Bid

- 2.3.1 After the closing date and time of this bid solicitation, Canada will examine the Bid to determine completeness. The review for completeness will be limited to identifying whether any information submitted as part of the bid can be accessed, opened, and/or decoded. This review does not constitute an evaluation of the content, will not assess whether the Bid meets any standard or is responsive to all solicitation requirements, but will be solely limited to assessing completeness. Canada will provide the Bidder with the opportunity to submit information found to be missing or incomplete in this review within two business days of notice..
- 2.3.2 Specifically, the bid will be reviewed and deemed to be complete when the following elements have been submitted by the bidder:
- a) That certifications and securities required at bid closing are included.
 - b) That bids are properly signed, that the bidder is properly identified.
 - c) Acceptance of the terms and conditions of the bid solicitation and resulting contract.
 - d) That all documents created prior to bid closing but due to technical difficulties Canada was unable to receive them, have been properly submitted and received by Canada.

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- e) All certifications, declarations and proofs created prior to bid closing but due to technical difficulties Canada was unable to receive them, have been properly submitted and received by Canada.

2.4 Submission of Bids

- 2.4.1 Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated in the bid solicitation.
- 2.4.2 For bidders choosing to submit using Canada Post Corporation's (CPC) Connect service for bids closing at the Bid Receiving Unit in the National Capital Region (NCR) the email address is:

tpsgc.pareceptiondessomissions-apbidreceiving.pwgsc@tpsgc-pwgsc.gc.ca

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

2.5 SACC Manual Clauses

- 2.5.1 B1000T (2014-06-26) Condition of Material – Bid

2.6 Enquiries - Bid Solicitation

- 2.6.1 All enquiries must be submitted in writing to the Contracting Authority no later than seven (7) calendar days before the bid closing date. Enquiries received after that time may not be answered.
- 2.6.2 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.

2.7 Applicable Laws

- 2.7.1 Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.
- 2.7.2 Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the Bidders.

2.8 Improvement of Requirement During Solicitation Period

- 2.8.1 Should bidders consider that the specifications or Statement of Work contained in the bid solicitation could be improved technically or technologically, bidders are invited to make suggestions, in writing, to the Contracting Authority named in the bid solicitation. Bidders must clearly outline the suggested improvement as well as the reason for the suggestion. Suggestions

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that do not restrict the level of competition nor favour a particular bidder will be given consideration provided they are submitted to the Contracting Authority at least 10 days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

2.9 Bid Challenge and Recourse Mechanisms

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

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PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

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

3.1.2 Canada requests that the Bidder submits its bid in separately bound sections as follows:

- a) Section I: Technical Bid
- b) Section II: Financial Bid
- c) Section III: Certifications
- d) Section IV: Additional info

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

3.1.4 Canada requests that bidders use a numbering system that corresponds to the bid solicitation.

3.1.5 Canada is committed to achieving net zero greenhouse gas (GHG) emissions by 2050 in an effort to position Canada for success in a green economy and to mitigate climate change impacts. As a result, future solicitations may include the following:

- a) there may be evaluation criteria or other instructions in the solicitation or contract documents related to measuring and disclosing your company's GHG emissions;
- b) you may be requested or required to join one of the following initiatives to submit a bid, offer or arrangement or if you are awarded the contract:
 - i) Canada's Net-Zero Challenge;
 - ii) the United Nations Race to Zero;
 - iii) the Science-based Targets Initiative;
 - iv) the Carbon Disclosure Project;
 - v) the International Organization for Standardization;
- c) you may be required to provide other evidence of your company's commitment and actions toward meeting net zero targets by 2050.

3.2 Section I: Technical Bid

3.2.1 The technical bid must address clearly and in sufficient depth the following 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, Bidders should 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.

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3.2.2 The technical bid mandatory evaluation criteria are listed in Annex "D" Mandatory Evaluation Criteria.

3.3.3 B3000T (2006-09-16), Equivalent Products

3.3 Section II: Financial Bid

3.3.1 Bidders must submit their financial bid in accordance with the Basis of Payment in Annex "B". The total amount of applicable taxes must be indicated separately.

3.3.2 Exchange Rate Fluctuation

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

3.3.3 Electronic Payment of Invoices - Bid

- a) If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Attachment "1" to Part 3 Electronic Payment Instruments, to identify which ones are accepted.
- b) If Attachment "1" to Part 3 Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.
- c) Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

3.4 Section III: Certifications

3.5.1 Bidders must submit the certifications and additional information required under Part 5.

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ATTACHMENT "1" TO PART 3 ELECTRONIC PAYMENT INSTRUMENTS

Canada requests that Bidders complete option 1 or 2 below:

Option 1: ☐ Electronic Payment Instruments will be accepted for payment of invoices.

The following Electronic Payment Instrument(s) are accepted:

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

Option 2: ☐ Electronic Payment Instruments will not be accepted for payment of invoices.

The Bidder is not obligated to accept payment by Electronic Payment Instruments.

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PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

- 4.1.1 Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- 4.1.2 An evaluation team composed of representatives of Canada will evaluate the bids.
- 4.1.3 The evaluation team will determine if there are two (2) or more bids with a valid Canadian content certification with the bids coming from two or more Bidders that are not affiliated within the meaning used in the Competition Act, R.S.C., 1985, c. C-34. In that event, only those bids with a valid certification will be eligible to be awarded a contract; otherwise, all bids will be eligible. If at any point in the evaluation process it is found, whether by determination of invalidity of certifications, determination that bids are non-responsive or withdrawal of bids by Bidders, that there are no longer two (2) or more responsive bids with a valid certification, then all responsive bids will be eligible to be awarded a contract. Canada may conduct the validation of Canadian content certifications at any time in the evaluation process including doing so concurrently with other steps.

4.2 Technical Evaluation

4.2.1 Mandatory Technical Criteria

In order to be compliant, Bidder's proposal must, to the satisfaction of Canada, meet all mandatory technical requirements as requested in Annex "D" Mandatory Evaluation Criteria.

4.3 Financial Evaluation

- 4.3.1 The price of the bid will be evaluated in Canadian dollars, Applicable Taxes excluded, DDP Destination Incoterms 2000, Canadian customs duties and excise taxes included.

4.4 Basis of Selection - Mandatory Technical Criteria

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

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PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

5.1 Instructions

- 5.1.1 Bidders must provide the required certifications and additional information to be awarded a contract.
- 5.1.2 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.
- 5.1.3 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.

5.2 Certifications Required with the Bid

- 5.2.1 Bidders must submit the following duly completed certifications as part of their bid.
- a) Canadian Content Certification
 - i. This procurement is conditionally limited to Canadian goods.
 - ii. Subject to the evaluation procedures contained in the bid solicitation, bidders acknowledge that only bids with a certification that the good(s) offered are Canadian goods, as defined in clause A3050T, may be considered.
 - iii. Failure to provide this certification completed with the bid will result in the good(s) offered being treated as non-Canadian goods.
 - iv. The Bidder certifies that:
 - () the good(s) offered are Canadian goods as defined in paragraph 1 of clause A3050T.
 - b) SACC Manual clause A3050T (2020-07-01) Canadian Content Definition
 - c) Integrity Provisions - Declaration of Convicted Offences
 - i. In accordance with the Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, **if applicable**, the Integrity 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.

5.3 Certifications Precedent to Contract Award and Additional Information

- 5.3.1 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 specified will render the bid non-responsive.
- a) Integrity Provisions – Required Documentation

In accordance with the section titled Information to be provided when bidding, contracting or

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entering into a real property agreement of the Ineligibility and Suspension Policy (<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.

b) Federal Contractors Program for Employment Equity - Bid Certification

- i. 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#>).
- ii. 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.

c) Contractor's Representative

The Bidder is requested to provide the information in regards to Part 7 - 7.4.3 Contractor's Representative.

5.4 Best Delivery Date - Bid

5.4.1 While delivery is requested by 31 March 2024, the best delivery that could be offered is _____.

5.4.2 Delivery date will not be considered as an evaluation criterion.

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ATTACHMENT "2" to PART 5 OF THE BID SOLICITATION

FEDERAL CONTRACTORS PROGRAM FOR EMPLOYMENT EQUITY – CERTIFICATION

I, the Bidder, by submitting the present information to the Contracting Authority, certify that the information provided is true as of the date indicated below. The certifications provided to Canada are subject to verification at all times. I understand that Canada will declare a bid non-responsive, or will declare a contractor in default, if a certification is found to be untrue, whether during the bid evaluation period or during the contract period. Canada will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply with any request or requirement imposed by Canada may render the bid non-responsive or constitute a default under the Contract.

For further information on the Federal Contractors Program for Employment Equity visit [Employment and Social Development Canada \(ESDC\) – Labour's](#) website.

Date: _____ (YYYY/MM/DD) (If left blank, the date will be deemed to be the bid solicitation closing date.)

Complete both A and B.

A. Check only one of the following:

- ☐ A1. The Bidder certifies having no work force in Canada.
- ☐ A2. The Bidder certifies being a public sector employer.
- ☐ A3. The Bidder certifies being a [federally regulated employer](#) being subject to the [Employment Equity Act](#).
- ☐ A4. The Bidder certifies having a combined work force in Canada of less than 100 permanent full-time and/or permanent part-time employees.

A5. The Bidder has a combined workforce in Canada of 100 or more employees; and

- ☐ A5.1. The Bidder certifies already having a valid and current [Agreement to Implement Employment Equity](#) (AIEE) in place with ESDC-Labour.

OR

- ☐ A5.2. The Bidder certifies having submitted the [Agreement to Implement Employment Equity \(LAB1168\)](#) to ESDC-Labour. As this is a condition to contract award, proceed to completing the form Agreement to Implement Employment Equity (LAB1168), duly signing it, and transmit it to ESDC-Labour.

B. Check only one of the following:

- ☐ B1. The Bidder is not a Joint Venture.

OR

- ☐ B2. The Bidder is a Joint venture and each member of the Joint Venture must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification. (Refer to the Joint Venture section of the Standard Instructions)

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PART 6 - SECURITY, FINANCIAL AND OTHER REQUIREMENTS

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PART 7 - RESULTING CONTRACT CLAUSES

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

7.1 Requirement

The Contractor must provide one (1) 6-7m Glass Reinforced Plastic (GRP) boat with engine package and trailer in accordance with the Technical Statement of Requirements (TSOR) at Annex "A".

7.2 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.

7.2.1 General Conditions

[2030 \(2022-12-01\)](#), General Conditions - Higher Complexity - Goods, apply to and form part of the Contract.

7.3 Term of Contract

7.3.1 Period of the Contract

The period of the Contract is from date of Contract to End of 12 months warranty period of the boat delivered and accepted by Canada.

7.3.2 Delivery Date

All the deliverables must be received on or before (*As per bid - insert the information at contract award*).

7.3.3 Delivery Points

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

7.4 Authorities

7.4.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Martin Rhéaume, P.Eng.
Title: Supply Team Leader
Public Works and Government Services Canada
Defence And Marine Procurement
Small Vessel Construction Division
Address: 11 Laurier Street
Gatineau, Qc
K1A 0S5

E-mail address: martin.rheaume@tpsgc-pwgsc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform

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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.

7.4.2 Technical Authority

The Technical Authority for the Contract is:

Name: (*insert the information amount at contract award*)

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.

7.4.3 Contractor's Representative

Name: (*insert the information at contract award*)

Title: _____

Organization: _____

Address: _____

Telephone: ____-____-____

Facsimile: ____-____-____

E-mail: _____.

7.5 Payment

7.5.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm unit price(s) as specified in Annex B for a cost of \$ (*insert the amount at contract award*). DDP Destinations (Incoterms 2000), 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.

7.5.2 Electronic Payment of Invoices

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

[*List to be updated in the resulting contract*]

- a) Visa Acquisition Card;

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- b) MasterCard Acquisition Card;
- c) Direct Deposit (Domestic and International);

7.5.3 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; and
- c) the Work delivered has been accepted by Canada.

7.6 Invoicing Instructions

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

7.6.2 Each invoice must be supported by:

- a) all applicable information detailed under the section entitled "Invoice Submission" of the general conditions;
- b) A description of the Work delivered; and
- c) A copy of the release document and any other documents as specified in the Contract.

7.6.3 The invoice must be distributed as follows:

- a) The original must be forwarded to [*to be updated in the resulting contract*]; and
- b) A copy must be forwarded to the Contracting Authority.

7.7 Certifications and Additional Information

7.7.1 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.

7.7.2 Federal Contractors Program for Employment Equity - Default by the Contractor

The Contractor understands and agrees that, when an Agreement to Implement Employment Equity (AIEE) exists between the Contractor and Employment and Social Development Canada (ESDC)-Labour, the AIEE must remain valid during the entire period of the Contract. If the AIEE becomes invalid, the name of the Contractor will be added to the "FCP Limited Eligibility to Bid" list. The imposition of such a sanction by ESDC will constitute the Contractor in default as per the terms of the Contract.

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7.8 Applicable Laws

- 7.8.1 The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario (*insert the name of the province or territory as specified by the Bidder in its bid, if applicable*).

7.9 Priority of Documents

- 7.9.1 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 2030 (2022-12-01) Goods (Higher Complexity);
 - c) Annex A, Technical Statement of Requirements;
 - d) Annex B, Basis of Payment;
 - e) Annex C, Contractor's Acceptance; and
 - f) the Contractor's bid dated _____, (*insert date of bid*) (*If the bid was clarified or amended, insert at the time of contract award:*"), as clarified on _____ " **or** ", as amended on _____ " *and insert date(s) of clarification(s) or amendment(s)*).

7.10 Title to Property - Vessel

- 7.10.1 SACC Manual clause A9047C (2008-05-12) Title to Property - Vessel

7.11 Post Contract Award Meeting

- 7.11.1 Within **3 working days** of the receipt of the contract, the Contractor must contact the Contracting Authority to determine the details of a Post Contract Award meeting. The meeting will be held at the Contractor's plant or through MS Teams. Cost of holding such pre-production meeting must be included at no extra cost to Canada
- 7.11.2 The Agenda for the meeting is an introduction of all participants, a line-by-line review of the Terms & Conditions of the Contract and identification of any potential contractual issue.
- 7.11.3 The Contractor must prepare and distribute as required the minutes of the meeting within 5 calendar days after the completion of the meeting. Following any comment from Canada, the Contractor must revised the minutes as required.
- 7.11.4 Please note that the travel and living expenses for Government Personnel will be arranged and paid for by the Canada.

7.12 SACC Manual Clauses

A3060C (2008-05-12) Canadian Content Certification
A2000C (2006-06-16), Foreign Nationals (Canadian Contractor)
B9028C (2007-05-25), Access to Facilities and Equipment
D0018C (2007-11-30), Delivery and Unloading
D2000C (2007-11-30), Marking
D2001C (2007-11-30), Labelling

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D2025C (2017-08-17), Wood Packaging Materials,
D3010C (2016-01-28), Delivery of Dangerous Goods/Hazardous Products
D3015C (2014-09-25), Dangerous Goods / Hazardous Products - Labelling and Packaging Compliance
D9002C (2007-11-30), Incomplete Assemblies

7.13 Payment for Fuels, Oils and Lubricants

- 7.13.1 The Contractor must supply all fuel, lubricating oil, hydraulic oil and other lubricants sufficient for fully charging all systems as required for operating the machinery and other equipment and for performing all tests and trials at the cost of the contractor

7.14 Field Engineering and Supervisory Services

- 7.14.1 If Field Service Representatives (FSR) and/or Supervisory Services are required for the Work, the cost of all such services must be included in the price for the Work.

7.15 Acceptance

- 7.15.1 Canada's provisional acceptance for delivery of the vessel must occur with the execution of a certificate in accordance with form **PWGSC 1105** upon satisfactory completion of the vessel and all trials. The execution of the certificates must in no way relieve the Contractor of any obligations under the Contract.
- 7.15.2 It is understood and agreed that where the work has been substantially completed and the parties have agreed upon the terms and conditions for the Contractor to make good any deficiencies, the certificate referred to above may be executed with a statement attached concerning the rectification of the deficiencies by the Contractor.
- 7.15.3 Canada's final acceptance must occur upon completion of the 12 month warranty period and settlement of all accounts between the parties in relation to the Contract.

7.16 Insurance - No Specific Requirement

- 7.16.1 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.

7.17 Dispute Resolution

- 7.17.1 The parties agree to maintain open and honest communication about the Work throughout and after the performance of the contract.
- 7.17.2 The parties agree to consult and co-operate with each other in the furtherance of the contract and promptly notify the other party or parties and attempt to resolve problems or differences that may arise.
- 7.17.3 If the parties cannot resolve a dispute through consultation and cooperation, the parties agree to consult a neutral third party offering alternative dispute resolution services to attempt to address the dispute.
- 7.17.4 Options of alternative dispute resolution services can be found on Canada's Buy and Sell website under the heading "Dispute Resolution".

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ANNEX "A"**TECHNICAL STATEMENT OF REQUIREMENTS (TSOR)**

See attached document entitled
"Technical Statement of Requirements Contract K2B79-240550,
6-7m Glass Reinforced Plastic (GRP) vessel with engine package and trailer dated November 22, 2023

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ANNEX "B"

BASIS OF PAYMENT**1. Firm quantities – 6-7m Glass Reinforced Plastic (GRP) boat with engine package and trailer**

A. All prices and costs are Firm Unit Price in Canadian Dollars, Canadian customs duties and excise taxes included, Transportation fees included and Applicable Taxes excluded.

Item	Description	Delivery date	Unit Price (CAD\$)	Quantity	Total Price (CAD\$)
001	6-7m Glass Reinforced Plastic (GRP) boat with engine package and trailer in accordance with Annex "A" Technical Statement of Requirement to be delivered to 10B White Lakes Drive, Corner Brook, NL, A0L1J0. (GST/HST excluded)	<i>To be indicated at contract award based on project schedule</i>	<i>\$ to be indicated at contract award</i>	1	<i>\$ to be indicated at contract award</i>
Sub-total for Firm Quantity, Applicable taxes excluded					<i>\$ to be calculated at contract award</i>

2. Delivery instructions

- 2.1 The Contractor must deliver the goods to the warehouse by appointment only.
- 2.2 The Contractor or its carrier must arrange delivery appointments by contacting the following:
Names: *to be indicated at contract award*
Phone numbers: *to be indicated at contract award*
- 2.3 Canada will refuse shipments when prior arrangements have not been made.

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ANNEX "C"

CONTRACTOR'S ACCEPTANCE

See attached document entitled CONTRACTOR'S CERTIFICATION PWGSC-TPSGC 1105 (05/2005).

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ANNEX "D"**MANDATORY EVALUATION CRITERIA**

See attached document entitled "ANNEX D Mandatory Technical Criteria
6-7m Glass Reinforced Plastic (GRP) vessel with engine package and trailer dated 2023-11-22

DEPARTMENT OF ENVIRONMENT AND CLIMATE CHANGE CANADA
ENFORCEMENT BRANCH

Annex A

**Technical Statement of Requirements Contract K2B79-240550,
6-7m Glass Reinforced Plastic (GRP) vessel with engine package and trailer.**

Dated November 22, 2023

ABBREVIATIONS

CFM	Contractor Furnished Material
CSA	Canada Shipping Act
DC	Direct Current
GPS	Global Positioning System
GRP	Glass Reinforced Plastic (GRP)
TA	Technical Authority (As defined by the Contract)
TCMS	Transport Canada Marine Safety
TSOR	Technical Statement of Requirements
UV	Ultraviolet
VHF	Very High Frequency

LIST OF REFERENCE DOCUMENTS

GLASS REINFORCED PLASTIC (GRP)
6-7M with dual consoles, engine package and trailer

November 22, 2023

REFERENCE	TITLE
TP 1332	Construction Standards for Small Vessels
SVR	Small Vessel Regulations SOR/2010-91

1.0 OVERVIEW

1.1 GENERAL

- 1.1.1** Environment and Climate Change Canada (ECCC) buys, manages, and operates numerous small vessels in support of its Departmental programs and other missions.

1.2 REQUIREMENT

- 1.2.1** The Contractor must supply a Glass Reinforced Plastic (GRP) vessel with dual enclosed consoles, engine package and trailer based on the current Transport Canada Marine Safety Branch (TCMSB) Marine Safety Publication TP 1332 "Construction Standards for Small Vessels" (hereinafter referred to as TCMSB TP 1332).
- 1.2.2** The vessel must be the latest model from a manufacturer who has demonstrated acceptability by selling, in North America, this type and size class of vessel for at least (3) years.
- 1.2.3** The primary role of this vessel will be migratory bird conservation and protection based in Corner Brook, NL and operating near shore waters around insular NL.
- 1.2.4** The secondary roles will be to fulfill other ECCC enforcement branch duties when enforcing ECCC legislation.
- 1.2.5** This small vessel will be shore-based and launched and recovered by trailer.

2.0 DESIGN AND CONSTRUCTION REQUIREMENTS

2.1 GENERAL

- 2.1.1** Unless stated otherwise all components, equipment and material must be Contractor supplied.

2.2 ERGONOMIC DESIGN

- 2.2.1** Hazardous operating conditions must be prevented by arranging machinery and equipment in a safe manner.
- 2.2.2** Guards must be provided for all electrical, mechanical and thermal hazards to personnel.
- 2.2.3** Must provide guards or covers for any controls that might accidentally be activated by contact of personnel.
- 2.2.4** The vessel must accommodate both male and female crew from approx. 153cm to 194cm in height, wearing heavy winter clothing.
- 2.2.5** Vessel must have capacity to seat up to eight people. Human engineering factors considered in design must include accessibility, visibility, readability, crew efficiency and comfort.
- 2.2.6** Equipment must be accessible for use, inspection, cleaning, and maintenance.

2.3 VIBRATION

- 2.3.1** The vessel and all components must be free of local vibration that could endanger vessel personnel, damage vessel structure, machinery, or systems, or interfere with the operation and maintenance of vessel machinery and systems.
- 2.3.2** Mounts for moveable components, including items moved for stowage, towing or transport must be provided with material as necessary to prevent rattling.
- 2.3.3** Loosening of fasteners under vibration must be prevented using self-locking fasteners.

2.4 STRUCTURAL STRENGTH

- 2.4.1** All structures and components (hull, deck, seating, etc.) must be of sufficient strength to withstand when in the 'Loaded Condition' (as defined at para 4.1.4) the lateral and vertical impact-loading that equates to the conditions of the operational requirements.

2.5 LAUNCHING

- 2.5.1** The vessel must be launched, recovered and transported by road trailer with a minimum crew of two.
- 2.5.2** The vessel must have a three (3) point to single point lifting arrangement (with two (2) points at the transom and one (1) point at the bow).

2.6 HULL

- 2.6.1** Hull must be constructed of glass-reinforced plastic. All materials used in the hull construction must be fire-retardant or non-combustible.
- 2.6.2** The deck and hull must be constructed of similar materials. The deck must have a suitable non-skid surface.

2.7 DECK

- 2.7.1** Deck must be self-draining, by means of non-return freeing ports or similar.

2.8 TIE DOWNS

- 2.8.1** Stainless steel deck tie downs must be fitted on the forward deck area for the securing of deck cargo.

2.9 STOWAGE

- 2.9.1** The contractor must provide minimum four (4) watertight compartments for safe stowage of equipment, anchor, rope, paddles, first aid kit, flares, etc.
- 2.9.2** Arrangement of watertight compartments must be provided for safe, secure (latched cover to keep articles inside while moving) and accessible stowage of all equipment.

2.10 BREACHING SHOE

2.10.1 A high-density protective shoe of stainless steel or composite must be fitted on the keel, to protect against damage from grounding or similar hazards.

2.10.2 This shoe must not detract from performance or sea keeping capabilities and can withstand the horizontal and vertical impact loading associated with the vessel operational requirements. (See section 3.1.2 Operational Performance – Beaching).

2.11 TOWING/TRAILERING

2.11.1 A bow eye or U-bolt arrangement must be incorporated into the construction of the stem, suitable for towing the vessel at a speed of five (5) knots in calm water in the normal loaded condition, on an even keel without damaging the vessel or causing undue chafing of the towline.

2.11.2 The bow eye must be suitable for trailering purposes.

2.12 STANDARDS

2.12.1 The vessel must be built in accordance with the current TCMSB TP 1332 “Construction Standards for Small Vessels”.

2.12.2 The vessel must be of GRP composite construction.

2.13 MATERIALS

2.13.1 All materials must be corrosion resistant and suitable for use in a saltwater environment as detailed in the Operational Requirements.

2.13.2 All materials normally subjected to sunlight must resist degradation caused by ultraviolet radiation.

2.13.3 Must be all moulded interior.

2.13.4 Must be wood-free construction.

2.13.5 Where flexible connections are required for steering and fuel systems, suitable hose with permanently crimped, detachable reusable type fittings must be used.

2.14 FASTENERS

2.14.1 All fasteners must be corrosion resistant materials.

2.14.2 Cadmium plated parts and fasteners, including washers, must not be used.

2.14.3 Direct attachment of alloys containing copper to aluminium is not permitted except for an electrical bonding strap.

2.14.4 No fasteners must be directly threaded into GRP. Aluminium or Stainless-steel washers or backing plates must be used.

2.14.5 Fasteners in deck traffic areas must be flush mounted to eliminate tripping and snagging hazards.

2.14.6 All GRP composite penetrations must have their exposed inner core areas protected or coated to prevent deterioration or de-lamination of the core.

3.0 OPERATIONAL REQUIREMENTS

3.1 GENERAL

- 3.1.1** The Vessel must reach a minimum speed of 30 knots.
- 3.1.2** The Vessel must support twin motors with a minimum horsepower of 180.
- 3.1.3** For anticipated future upgrade, the Vessel must be capable to support twin motors with a horsepower of 225.

3.2 BEACHING

- 3.2.1.1** The Vessel must beach on soft (sand, earth, or clay) surfaces without damage to the hull.
- 3.2.1.2** The Vessel must beach on hard (stone or concrete) surfaces without damage to the hull.

3.3 ENVIRONMENTAL CONDITIONS

- 3.3.1** The Vessel must operate day or night in the following conditions:
 - 3.3.1.1** Average ambient air temperature range: -20 degrees C to + 30 degrees C;
 - 3.3.1.2** Average water temperature: 0 degrees C to +20 degrees C;
 - 3.3.1.3** Required to operate safely in ice infested waters, (some minor damage to each vessel, not affecting stability or buoyancy is acceptable).

3.4 LAUNCHING, RECOVERY & TRANSPORTATION

- 3.4.1** The Vessel must be readily road transportable on a trailer.
- 3.4.2** The Vessel must be launched and recovered using the trailer at launch ramps.

4.0 PHYSICAL CHARACTERISTICS

4.1 VESSEL PARTICULARS

- 4.1.1** Length overall – must be between 5.9m and 7m.
- 4.1.2** Width overall – must be between 2.2m and 2.6m.
- 4.1.3** Must be deep V hull with flared bow.
- 4.1.4** Normal load conditions:
 - 4.1.4.1** Must be able to carry a minimum of 1130 kgs includes persons, motor, and gear.
 - 4.1.4.2** Must have the required amount of flotation as required by the Canadian Coastguard.
- 4.1.5** Must have minimum 55-gal plastic or composite fuel tank.
- 4.1.6** Must have two filters or water separators for fuel supply to twin engines.
- 4.1.7** Hull material – must be Glass Reinforced Plastic (GRP)
- 4.1.8** Vessel style – Must be all moulded interior with dual enclosed consoles and wood-free construction.
- 4.1.9** Propulsion – must be twin 90hp engine outboard motors.

5.0 VESSEL CONFIGURATION

5.1.1 CONSOLE ARRANGEMENT

5.1.1.1 The Vessel must be provided with dual enclosed consoles.

5.1.1.2 The layout of the console must take into account ergonomic consideration, with easy viewing and access to all critical instruments and controls.

5.1.2 CONSOLE REQUIREMENTS

5.1.2.1 The dual console must be sized to accommodate and provide seating for two (2) people.

5.1.2.2 The windshield must wrap around the dual consoles.

5.1.2.3 The windshield must provide a walk through in the center of the consoles for safe passage of personnel to the bow area.

5.1.3 CONSOLE INSTRUMENTATION

5.1.3.1 Operators console must be fitted with all appropriate gauges as recommended by the propulsion-system manufacturer.

6.0 LIFESAVING & EMERGENCY EQUIPMENT

6.1.1 The Contractor must provide the following items as required by Transport Canada SVR:

6.1.1.1 A water-resistant flashlight.

6.1.1.2 Two (2) wooden paddles

6.1.1.3 One extinguisher (Class 5BC, marine type) with mounting bracket installed.

6.1.1.4 Anchor with at least 15 meters of rope including 1-2 meters of chain.

6.1.1.5 Sea anchor and rope

6.1.1.6 Four (4) fenders

6.1.1.7 Marine Emergency First Aid Kit

6.1.1.8 Sound signalling device or appliance.

6.1.1.9 Buoyant heaving line of at least 15 meters

6.1.1.10 Radar reflector.

6.1.1.11 Six (6) Pyrotechnic distress signals other than smoke signals.

6.1.1.12 Reboarding device

6.1.1.13 Lifebuoy attached to buoyant line at least 15 meters long.

6.1.1.14 Navigation lights

7.0 SYSTEMS General

7.1 PROPULSION

7.1.1 ENGINES

7.1.1.1 Outboard motors must be twin (2) 90 HP gasoline (four stroke) Outboard Engines.

- 7.1.1.2** The Contractor must supply, install the engines, and install the controls for each engine on the vessel.
- 7.1.1.3** The engine(s) must be installed, mounted, and operated in accordance with the engine manufacturer's recommendations.
- 7.1.1.4** The engine package must use the manufacture approved equipment only. Equipment and components must not be used, or trials performed on the engines that would, in any way, void the engine manufacturer's warranties.

7.2 PROPELLER(S)

- 7.2.1** Stainless steel propeller(s) must be properly sized, and contractor installed.
- 7.2.2** The Vessel must be delivered with two (2) spare stainless-steel propellers.
- 7.2.3** The Contractor must inform the Technical Authority of appropriate pitch and diameter to meet the performance requirements as determined by the Contractor through their developed design check.
- 7.2.4** The propellers must be stainless steel.

7.3 CONTROLS

- 7.3.1** Propulsion control system installation must include dual binnacle engine controls for twin engines located on the starboard side of the helm console.
- 7.3.2** The controls must conform to engine manufacturer's recommendations and must not interfere with any of the other controls.
- 7.3.3** Engine package must incorporate a lanyard style automatic shutdown feature (kill switch) for the engines, to be mounted near the ignition switch.

7.4 ALARMS

- 7.4.1** Monitoring system for the engines must include the following alarms: oil level gauge, coolant flow and engine overheat or high temperature alarm as per engine manufacturers requirements.

7.5 VERIFICATION OF INSTALATION

- 7.5.1** Installation of the motor, controls, lubrication and fuel systems, manometers, battery connections, must be verified by an authorized technician. The motors must be started by the authorized technician, who must provide a written report with a copy for the Technical Authority.
- 7.5.2** The Contractor must respect the engine manufacturer's break-in procedures.

7.6 PROTECTION OF CONTROLS

- 7.6.1** All control cables, electrical wiring for the motor and the steering hydraulic hoses must be installed in UV resistant plastic pipes (LOOM). These pipes must be installed to ensure that no cable is immersed in water.

7.7 STEERING

- 7.7.1** Steering systems must be remote hydraulic with self-contained oil reservoir, and replaceable seals on the rams, with a maximum of 4.0 turns from hard over to hard over.
- 7.7.2** Propulsion systems may have their own requirements for steering which must be adhered to.
- 7.7.3** All hydraulic steering hoses must be routed in such a manner that they are protected from physical damage and so that there are no pinch or chafing points on the hoses.
- 7.7.4** Hydraulic hoses must be of sufficient size and length to prevent pulsing. Hoses must be suitable for use in an exposed marine environment complete with stainless steel fittings.
- 7.7.5** The wheel and console connection must be of robust construction, to eliminate fore and aft or lateral movement of wheel and steering shaft fixture.
- 7.7.6** The steering wheel must be stainless steel and may be rubber or plastic covered.
- 7.7.7** The steering wheel must be stiff enough that during rough water operations there is no flexing of the wheel.
- 7.7.8** The wheel must be padded to provide a comfortable non-slip surface for the operator to grip.

7.8 FUEL SYSTEM

- 7.8.1** The vessel must include the following.
- 7.8.1.1** The complete fuel systems must be supplied, installed, labeled, and tested in accordance with Section 7 of TCMSB TP 1332.
- 7.8.1.2** The fuel system must include two (2) filter/ water separators suitable for fuel supply to the twin gasoline outboard motors.
- 7.8.1.3** All fuel valves must be readily accessible and labeled as per TCMSB TP 1332.
- 7.8.1.4** Remote fuel shutoff valves must be installed in accordance with TP1332, remote from the fuel tanks and engine compartments. Must be labeled as per TCMSB TP 1332 requirements.
- 7.8.1.5** All fuel tanks must be equipped with an anti-syphon valve installed on each suction.
- 7.8.1.6** Fuel tank vent pipes must be equipped with a non-return check valve.

7.9 ELECTRICAL SYSTEM

- 7.9.1** The electrical system must meet TCMSB TP 1332 Standards
- 7.9.2** The electrical system must be waterproofed and easily accessible, incorporating a waterproof breaker panel.
- 7.9.3** Twelve Volt (12V) DC distribution system must be provided to power the engine starting and vessel service loads including:
 - 7.9.3.1** Navigation lights
 - 7.9.3.2** Any exterior lighting
 - 7.9.3.3** Navigational equipment
 - 7.9.3.4** Instrumentation
 - 7.9.3.5** Bilge pumps
 - 7.9.3.6** Electronics
 - 7.9.3.7** Communications
- 7.9.4** A Minimum two (2) Marine quality 12V power outlets must be suitably located throughout the vessel. At least one (1) 12V power outlet must be installed on or near Operator's console.
- 7.9.5 Batteries, Switches & Charger:**
 - 7.9.5.1** The vessel must be equipped with a system of deep-cycle batteries with a selector switch and connected in accordance with the motor manufacturer's technical specifications, minimum 2 deep-cycle batteries.
 - 7.9.5.2** Batteries must be marine grade glass mat or gel type maintenance free to eliminate leakage, and a minimum 1000 deep-cycle cranking amps.
 - 7.9.5.3** Battery compartment must be watertight and fitted with a suitable means of gas venting.
- 7.9.6 Lighting**
 - 7.9.6.1** Navigation lighting must conform to CSA Collision Regulations.
- 7.9.7 Radar Arch**
 - 7.9.7.1** The vessel must have a radar arch installed above the dual consoles.
 - 7.9.7.2** The arch must be constructed so that the antennae, lights, and other fittings can be mounted with minimal effort.
 - 7.9.7.3** All wiring penetrations must be made watertight using TCMSB approved watertight glands.

7.10 ELECTRONIC AND NAVIGATION EQUIPMENT

- 7.10.1** The Contractor must supply and install the following electronics:
 - 7.10.1.1** All antennas must be mounted on radar arch with fold down connections for road travel.

- 7.10.12** A GPS similar or equivalent to the 9" ECHOMAP™ UHD 94sv with transducer, blue chart, storage card, and antenna.
- 7.10.13** A Garmin handheld GPS 276Cx or equivalent, with charging mount.
- 7.10.14** A fixed mount, water rated VHF marine radio with compatible antenna.
- 7.10.15** A direct read compass (Ritchie SS-5000W or equivalent) with light. mounted in the Operator's console. Non-white (red or green) lighting connected to the 12-volt DC electrical system. System must be supplied with its own waterproof marine-grade dimmer switch. Compass must be adjustable for deviation.

8.0 DRAINAGE & BILGE SYSTEMS

- 8.1** Electric bilge pump must be located so that it takes suction from the lowest point of the hull. Piping must allow the bilge pump to discharge directly overboard.
- 8.2** An automatic control must be fitted that turns on the electric bilge pump when water is present in the bilge.
- 8.3** The electric bilge pump control switch must be located on the operator's console, with settings for 'on', 'off' and 'automatic' operation.
- 8.4** An indicator light and an audible alarm must be installed at the console that lights when the bilge pump is operating.
- 8.5** Bilge pump(s) must be wired direct to battery, so that it is constantly active as per TCMSB TP 1332 requirements.
- 8.6** Hull drainage - a marine bronze garboard threaded plug must be provided in the lowest point to drain the hull when out of the water.
- 8.7** Any Valves and handles must be bronze or stainless steel and must be located where they are readily accessible for operation, maintenance, or removal.

9.0 PAINTING

9.1 GENERAL

- 9.1.1** The standard color of the hull must be white or off white.
- 9.1.2** The standard color of the deck and console of the vessel must be white or off white.
- 9.1.3** the Contractor must ensure that all non-painted exposed aluminium is free of cosmetic blemishes, including all construction marks, scratches, gouges and stains.

10.0 TESTS & TRIALS

10.1 TESTS – GENERAL

- 10.1.1** The Contractor must inspect and test the following items, as a minimum, for adherence to the contract requirements and proper operation (proper operation means that the equipment can be started, operated, connected and demonstrated to function in a normal fashion, as applicable). All

discrepancies must be corrected prior to delivery. The required inspections and tests are minimums and are not intended to supplement any controls, examinations, inspections, or tests normally employed by the Contractor to assure the quality of the vessel:

10.1.1.1 Weight.

10.1.1.2 Construction Quality

10.1.1.3 Stability

10.1.1.4 Propulsion Engines. Including starting.

10.1.1.5 Propulsion Controls

10.1.1.6 Steering System.

10.1.1.7 Fuel System.

10.1.1.8 Electrical System; and,

10.1.1.9 Electronics.

10.1.2 The contractor must conduct a minimum of one sea trial to ensure the vessel meets all requirements of the Transport Canada Construction Standards for Small Vessels.

10.1.2.1 The contractor must permit two (2) representatives of Canada to be part of said sea trial.

10.1.2.2 The contractor must inform the technical authority no less than four weeks prior to sea trial.

10.1.2.3 The results of this said sea trial must be provided no less than two weeks prior to delivery to the technical authority.

11.0 DOCUMENTATION

11.1 GENERAL

11.1.1 All documentation must be provided in English.

11.2 BUILDER'S PLATE

11.2.1 A Builder's Plate or compliance notice as per section 801 of the Small Vessel Regulations SOR/2010-91([Small Vessel Regulations \(justice.gc.ca\)](http://www.justice.gc.ca)) must be affixed to the vessel in a readily visible location, e.g., for a vessel, in way of the helm position,

11.2.1.1 The plate must be made of a weather resistant material compatible with that to which it is affixed.

11.2.1.2 The dimensions of the plate must be not less than 200mm x 125mm.

11.2.1.3 The plate must contain the following information as per section 802 of the Small Vessel Regulations SOR/2010-91, permanently etched:

11.2.1.3.1 Naval Architect/Designer

11.2.1.3.2 Builder

11.2.1.3.3 Hull Number

11.2.1.3.4 Year of Construction

11.2.1.3.5 Lightship Weight in kilograms

11.3 TECHNICAL PUBLICATIONS

11.3.1 All technical publications must be supplied to the technical authority.

12.0 TRAILER

12.1 The Contractor must supply a single axle trailer or dual axle if single is not available to fit the vessel and be rated at least 10% over the anticipated 'normal loaded condition'(as defined at para 4.1.4) of the vessel.

12.2 The trailer must be the latest model from a manufacturer who has demonstrated acceptability by selling, in North America, this type and size class of trailer for at least (3) years.

12.3 The trailer must be provided with a 12-volt electrical system and must feature external 12-volt lights and reflectors in accordance with CMVSS.

12.4 The Contractor must record the trailer sales and registration information and provide the information in each vessel manual. The trailer must be certified commercial requirements in accordance with Department of Transport regulations for towing the vessel and be constructed and equipped as follows:

12.4.1 Aluminum or galvanized beam construction for the frame

12.4.2 Galvanized Dura-Flex Torsion Axle(s) or equivalent

12.4.3 10 ply tires

12.4.4 Dual wheel jack rated for minimum 680 KG.

12.4.5 Greaseable wheel bearings

12.4.6 All SS fasteners throughout

12.4.7 Wheel/step fenders

12.4.8 UHMW Polymer and roller in V assembly – rubber non-marking wobble wheel set-up with a minimum 24 wheels.

12.4.9 Two spare tires with aluminum mount.

12.4.10 Aluminum winch mounted on trailer tongue post with a minimum capacity of 1134KG and incorporate a strap rather than cable.

12.4.11 LED Lights (NMMA Commercial grade lights and wiring)

12.4.12 D-ring tie down points.

12.4.13 galvanized bow stop

12.4.14 Axle must be rated for 1588 KG – 2268 KG.

12.4.15 Frame/brake water flush system.

13.0 SHIPPING AND DELIVERY

- 13.1 Prior to delivery, the vessel must be secured on the trailer, cleaned, and preserved. Bilge is to be dry and free of oil and debris and the fuel tanks must be full, with fuel stabilizer added.
- 13.2 The Contractor is to notify the technical authority before shipping with an anticipated delivery date.

APPENDIX A

GLASS REINFORCED PLASTIC (GRP)
6-7M with dual consoles, engine package and trailer

November 22, 2023

Final Deliverable Data Package

The Final Data Package as defined in Appendix A must be delivered with the vessel.

1.0 Comprehensive Owner/Operator Manuals

1.1 **The Contractor must provide** Two (2) complete hard copy and two (2) complete USB stick electronic copy set of all manuals.

1.2 The electronic manual must not require installation, password and/or Internet connection to be accessed and be an unlocked PDF in a searchable format.

1.3 Content

1.3.1 The manuals must provide a physical and functional description of the vessel, it's machinery and equipment. The manuals must include as a minimum the following two (2) sections and as detailed below:

1.3.1.1 General Information

1.3.1.2 Technical Information

1.4 GENERAL INFORMATION SECTION

1.4.1 The General Information Section must include a description of the arrangement and function of all structures, systems, fittings, and accessories that comprise the vessel, with illustrations as appropriate:

1.4.1.1 Operating procedures

1.4.1.2 Basic operating characteristics (such as temperatures, pressures, flow rates)

1.4.1.3 Installation criteria and drawings, assembly and disassembly instructions with comprehensive illustrations showing each step.

1.4.1.4 Recommended planned maintenance; and

1.4.1.5 Complete troubleshooting procedures.

1.5 TECHNICAL INFORMATION SECTION

1.5.1 The Technical Information Section must include a complete set of detailed owner and operator instructions, drawings, parts lists, and supplemental data for all components of the vessel (whether acquired from external sources or custom-manufactured).

1.5.2 Must include drawing of the fuel and propulsion supply arrangement; and

1.5.3 Must include drawing of the electrical supply and functions of the vessel.

1.5.4 Must include any acceptance certificates and compliance sheets or certificates distributed with equipment i.e., life saving appliances, lifting appliances, engine test reports, calibration certificates, Nav light certificates, fire suppression material certificates, flotation foam rating sheets, etc.

1.5.5 Must include Electronics, including model and serial numbers.

- 1.5.6 Must include Regulatory and stability documentation: as required per TP 1332.

2.0 ADDITIONAL DELIVERABLE DOCUMENTATION

2.1 The following additional documentation must be supplied:

- 2.1.1 Registration to the Small Vessel Compliance Program (SVCP) Website:
<http://www.tc.gc.ca/eng/marinesafety/svcp-menu-3633.htm>;
- 2.1.2 Two (2) Bill of Sales, one (1) for the vessel and one (1) for the trailer
- 2.1.3 A valid Motor Vehicle Registration Certificate for the Province of NL, for the trailer; and
- 2.1.4 All testing check sheets created and completed by the builder.

Public Works and Government Services Canada

Travaux publics et Services gouvernementaux Canada

Marine Branch

Direction de la Marine

File no.

Contract serial no.

Name of Vessel

CONTRACTOR'S CERTIFICATION

hereby certifies it has constructed and completed the above vessel in accordance with the approved Specifications and Amendments to same with exception of those items still outstanding and listed on the attached Appendices

_____ . These outstanding items will be completed in accordance with the specifications and contractual requirements without delay. This vessel is now handed over to the Department of Public Works and Government Services representatives at:

Place

Time

Date

Signature

Title

INSPECTION AUTHORITY'S CERTIFICATION

hereby certifies that the above vessel has been constructed and is complete and properly fitted in all respects in accordance with the relevant Specifications and Amendments to same, subject to those exceptions listed on the Appendices (attached).

Signature

Title

Date

DEPARTMENT OF PUBLIC WORKS AND GOVERNMENT SERVICES ACCEPTANCE

The above vessel is hereby accepted subject and pursuant to the terms and conditions of Contract Serial No. _____ , entered into on _____ by Her Majesty the Queen in right of Canada and represented by the Minister of Public Works and Government Services Canada. This delivery and acceptance of the vessel is made without prejudice to the rights of Her Majesty in right of Canada and the liabilities of the Contractor under this Contract.

Without restricting the generality of the foregoing, the Contractor hereby agrees to complete any items still outstanding as listed on the attached Appendices.

Signature

Title

Date

OWNER ACCEPTANCE

In accordance with the foregoing and on behalf of the Minister of _____ , I hereby accept delivery of the above vessel from the Department of Public Works and Government Services.

Signature

Title

Date

Direction de la Marine

Marine Branch

N° de dossier	N° de série du contrat
---------------	------------------------

Nom du navire

ATTESTATION DE L'ENTREPRENEUR

soussigné, atteste par les présentes avoir construit et achevé le navire susmentionné conformément aux spécifications approuvées et aux modifications y afférent, sauf pour ce qui est des articles manquants lesquels sont énumérés dans les appendices ci-joints . Ces articles seront achevés dans les plus brefs délais en conformité des spécifications et des modalités du contrat. Ce navire est maintenant livré aux représentants du ministère des Travaux publics et Services gouvernementaux à :

Lieu	Heure	Date
Signature	Titre	

ATTESTATION DE L'AUTORITÉ D'INSPECTION

soussigné, atteste par les présentes que le navire susmentionné a été construit et achevé et est équipé comme il se doit, à tous les égards, conformément aux spécifications pertinentes et à leurs modifications, sauf pour ce qui est des exceptions énumérées dans les appendices ci-joints.

Signature	Titre	Date
-----------	-------	------

ACCEPTATION DU MINISTÈRE DES TRAVAUX PUBLICS ET SERVICES GOUVERNEMENTAUX

Le navire susmentionné est par les présentes accepté, compte-tenu et en application des clauses et conditions du contrat portant le numéro de série , passé le par Sa Majesté la Reine du Chef du Canada représentée par le ministre des Travaux publics et services gouvernementaux Canada. La présente livraison et l'acceptation du navire ne sauraient modifier en rien les droits de Sa Majesté la Reine du Chef du Canada ni les engagements de l'Entrepreneur à l'égard du présent contrat.

Sans restreindre le caractère général de ce qui précède, l'Entrepreneur convient par les présentes d'achever tous les articles manquants énumérés dans les appendices ci-joints.

Signature	Titre	Date
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ACCEPTATION DU PROPRIÉTAIRE

Conformément à ce qui précède, et au nom du ministre de j'accepte,
par les présentes, la livraison, par le ministère des Travaux publics et Services gouvernementaux, du navire susmentionné.

Signature	Titre	Date
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Annex D
K2B79-240550



MANDATORY TECHNICAL CRITERIA

6-7m Glass Reinforced Plastic (GRP) vessel with engine package and trailer.

DATED 2023-11-22

Instructions:

- 1) This document covers the mandatory technical criteria, for which the Bidder must provide substantial information for evaluation of the proposed solution to the requirement specified in the Technical Statement of Requirements (TSOR).
- 2) Simply repeating the statement contained in the bid solicitation is not sufficient. Bidders must demonstrate their compliance with the Mandatory Technical Criteria by providing substantial information describing completely and in detail how each requirement is met or addressed.
- 3) Bids which fail to meet the Mandatory Technical Criteria will be declared non-responsive. Mandatory Technical Criteria are evaluated on a compliant/non-compliant basis.
- 4) Bidders should indicate the document name/title and page number where the Substantive Information can be found in their bid for each Mandatory Technical Criteria.

		BIDDERS		EVALUATORS	
	Mandatory Technical Criteria	Substantiating information location in bid	Bidder Comments	Compliant/ Non-Compliant	Evaluators comments
MT1	TSOR 1.2.2 The vessel must be the latest model from a manufacturer who has demonstrated acceptability by selling, in North America, this type and size class of vessel for at least (3) years.				
MT2	TSOR 2.2.5 Vessel must have capacity to seat up to eight people.				
MT3	TSOR 2.6.1 Hull must be constructed of Glass Reinforced Plastic (GRP)				

MT4	TSOR 2.7.1 Deck must be self-draining, by means of non-return freeing ports or similar.				
MT5	TSOR 2.13.1 All materials must to be corrosion resistant and suitable for use in a saltwater environment.				
MT6	TSOR 3.1.1.1 Vessel must reach a minimum speed of 30 knots.				
MT7	TSOR 3.1.1.3 For anticipated future upgrade, the Vessel must be capable to support twin motors with a horsepower of 225.				
MT8	TSOR 4.1.1 Vessel must be between 5.9m and 7m.				
MT9	TSOR 4.1.3 Must be deep V hull with flared bow.				
MT10	TSOR 4.1.5 Must have a minimum 55-gal plastic/ or composite fuel tank.				
MT11	TSOR 4.1.6 Must have two filters or water separators for fuel supply to twin engines.				
MT12	TSOR 4.1.8 Vessel must be all moulded interior with dual enclosed consoles and wood free-construction.				
MT13	TSOR 5.1.2.1 The dual enclosed console must be sized to accommodate and provide seating for two (2) people.				
MT14	TSOR 5.1.2.2 The windshield must wrap around the dual consoles.				
MT15	TSOR 5.1.2.3 The windshield must provide a walk through in the center of the dual consoles for safe passage of personnel to the bow area.				
MT16	TSOR 7.1.1.1 Outboard motors must be twin (2) 90HP gasoline (four stroke) outboard engines.				

MT17	TSOR 7.7.1 Steering systems must be remote hydraulic with self-contained oil reservoir, and replaceable seals on the rams, with a maximum of 4.0 turns from hard over to hard over.					
MT18	TSOR 7.10.1.2 A GPS similar or equivalent to the 9" ECHOMAP UHD 94sv with transducer, blue chart, storage card, and antenna. Mandatory performance criteria that must be met for any proposed equivalent products: Must have chart plotting. Must have a minimum 9" screen. Must have depth sounding capability. Must have a minimum waterproof rating of IPX7.					
MT19	TSOR 7.10.1.3 A Garmin handheld GPS 276Cx or equivalent Mandatory performance criteria that must be met for any proposed equivalent products: Must have a minimum WVGA display. Must have a minimum display resolution of 800 x 480 pixels. Must have ability to add maps. Must have a minimum waterproof rating of IPX7.					
MT20	TSOR 7.10.1.5 Must provide and install a direct read compass - Ritchie SS-5000W or equivalent. Mandatory performance criteria that must be met for any proposed equivalent products: Must be minimum 5" in diameter.					

	Must be flush mount in operator's dash. Must have built-in compensators to easily adjust for deviation. Numerals must be contrast to face dial. Must have 12v LED lighting and back light.				
MT21	TSOR 12.1 The trailer must have a single or dual axle trailer rated at least 10% over the anticipated 'normal loaded condition' of the vessel.				
MT22	TSOR 12.2 The trailer must be the latest model from a manufacturer who has demonstrated acceptability by selling, in North America, this type and size class of trailer for at least (3) years.				
MT23	TSOR 12.3 The trailer must be provided with a 12-volt electrical system and must feature external 12-volt lights and reflectors in accordance with CMVSS.				
MT24	TSOR 12.4.1 The trailer frame must be constructed from galvanized or aluminum.				
MT25	TSOR 12.4.2 Galvanized Dura-Flex Torsion Axle(s) or equivalent Mandatory performance criteria that must be met for any proposed equivalent products: Must have galvanized frame. Must have torsion axles. Must have non-marking rollers mounted to galvanized steel arms.				
MT26	TSOR 12.4.4 The jack must be a dual wheel jack rated for minimum 680KG.				

MT27	TSOR 12.4.8 The trailer must have a roller V assembly - rubber non-marking wobble wheel set-up with a minimum 24 wheels.				
MT28	TSOR 12.4.10 The winch must be rated with a minimum capacity of 1134KG and incorporate a strap rather than cable.				