



**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 Aluminum Hull Vessel	
Solicitation No. - N° de l'invitation 5P310-180272/A	Date 2018-05-22
Client Reference No. - N° de référence du client 5P310-180272	
GETS Reference No. - N° de référence de SEAG PW-\$\$MC-038-26832	
File No. - N° de dossier 038mc.5P310-180272	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-07-03	Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Robson, Vicki	Buyer Id - Id de l'acheteur 038mc
Telephone No. - N° de téléphone (613) 286-4376 ()	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	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

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5P310-180272

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur
038mc

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PART 1 - GENERAL INFORMATION

1.1 Introduction

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

- Part 1 General Information: provides a general description of the requirement;
- Part 2 Bidder Instructions: provides the instructions, clauses and conditions applicable to the bid solicitation;
- Part 3 Bid Preparation Instructions: provides Bidders with instructions on how to prepare their bid;
- 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;
- Part 5 Certifications and Additional Information: includes the certifications and additional information to be provided;
- Part 6 Security, Financial and Other Requirements: includes specific requirements that must be addressed by Bidders; and
- Part 7 Resulting Contract Clauses: includes the clauses and conditions that will apply to any resulting contract.

The Annexes include the Requirement, the Basis of Payment, list of subcontractors and the Bidder Questions and Canada Responses.

1.2 Summary

1.2.1 Parks Canada has a requirement for one (1) 6.5m to 7.0m multi-purpose aluminum hull vessel; built in accordance with Annex "A" - Technical Statement of Requirements (TSOR).

All deliverables must be received on or before September 24th, 2018.

Bidders are encouraged to propose an earlier delivery, if possible:

"While delivery is requested by September 24th, 2018; the best delivery that could be offered is _____".

Delivery Location:

Georgian Bay Islands National Park
2611 Honey Harbour Rd., Muskoka Rd. 5
Honey Harbour, ON
POE 1E0

1.2.2 "The requirement is subject to the provisions of the North American Free Trade Agreement (NAFTA), and the Canadian Free Trade Agreement (CFTA)."

1.3 Debriefings

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

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

2.1.1 SACC Manual Clauses

[B1000T](#)- Condition of Material- Bid, 2014-06-26

[B3000T](#)- Equivalent Products, 2006-06-16

2.2 Submission of Bids

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

Due to the nature of the bid solicitation, bids transmitted by facsimile to PWGSC will not be accepted.

2.3 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than **10 calendar days** before the bid closing date. Enquiries received after that time may not be answered.

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

2.4 Applicable Laws

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

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

2.5 Improvement of Requirement During Solicitation Period

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 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 15 days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

"Due to the nature of the bid solicitation, bids transmitted by epost Connect service and by facsimile will not be accepted."

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

Section I: Technical Bid (3 hard copies and 1 soft copy on CD or USB)

Section II: Financial Bid (1 hard copy and 1 soft copy on CD or USB)

Section III: Certifications (1 hard copy)

If there is a discrepancy between the wording of the soft copy and the hard copy, the wording of the hard copy will have priority over the wording of the soft copy.

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

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

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process **Policy on Green Procurement** (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). 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.

3.2 Section I: Technical Bid

In their technical bid, Bidders should demonstrate their understanding of the requirements contained in the bid solicitation and explain how they will meet these requirements. Bidders should demonstrate their capability and describe their approach in a thorough, concise and clear manner for carrying out the work.

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

The technical bid must demonstrate the vessel will be fully seaworthy, operable and fit in all regards for the purposes intended.

Bidders must provide all documentation requested in **PART 4- 4.1.1.1 Mandatory Technical Criteria**

3.3 Section II: Financial Bid

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

3.3.2 Exchange Rate Fluctuation

The requirement does not offer exchange rate fluctuation risk mitigation. Requests for exchange rate fluctuation risk mitigation will not be considered. All bids including such provision will render the bid non-responsive.

3.3.3 Firm Price

Bidders must indicate the bid price, excluding taxes for each of the items in **Annex B- Pricing**.

3.3.4 Unscheduled Work

Bidders must provide the information requested in the Basis of Payment, Part 7, Article 7.6.2- Charge out Rate/Material Mark-up.

The unscheduled work rates will be included in the Basis of Payment, however, it will not form part of the bid evaluation.

3.4 Section III: Certifications

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

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Criteria

The mandatory criteria listed below will be evaluated on a simple pass/fail basis. Bidders must demonstrate that they meet every mandatory technical criterion by providing a concise and detailed response to each of the mandatory technical criteria. The technical bid should address each of the criteria in the order in which they appear.

Bidders must submit all documentation in the bid by the bid closing date. Simply stating that the mandatory technical criteria are met is not sufficient. Failure to demonstrate meeting all of the mandatory technical criteria will result in the bid being deemed non-responsive. Bids which fail to meet the mandatory criteria will be deemed non-responsive.

Mandatory Technical Criteria (MTC)	
MTC1	<p>Preliminary Drawings</p> <p>The bidder must submit a technical drawing package for the boat which the bidder proposes to satisfy Canada's requirement. The following drawings must be included with the bid:</p> <ul style="list-style-type: none">• General arrangement;• Structural drawings showing deck plan, centerline profile and frame station construction details;• Detailed lines plan;• Fuel supply arrangement <p>Information provided in the drawings or accompanying them must show the following, at a minimum:</p> <ul style="list-style-type: none">• Length overall;• Draft stability calculation;• Calculated lightship weight
MTC2	<p>Preliminary Project Schedule</p> <ol style="list-style-type: none">1. As part of its technical bid, the Bidder must propose its preliminary project schedule, in MS Project or equivalent. The project schedule must indicate the sequence and completion dates of project milestones, deliverables, and project tasks based on a contract award as "day 0". The schedule should include the Bidder's work breakdown structure, the scheduling of main

	<p>activities and milestone events and any potential problem areas involved in completing the Work.</p> <p>2. The Bidder's schedule must also provide a target date for each of the following significant events, as applicable:</p> <ul style="list-style-type: none">a) hull materials delivered to Contractor and sustained construction commenced;b) hull and deck completed, but not closed in to allow for full inspection of the structure and welding;c) outfitting/electrical- 75% complete but all equipment and components delivered to the Contractor and available for full inspection. The Contractor will be required to supply a hard copy of the list of equipment and electrical supplies to the Technical/Inspection Authority one week prior to inspection by the Technical/Inspection Authority;d) technical manuals delivered to Canada for approval (no less than 14 days prior to the planned delivery date);e) contractor's tests and trial and final sea trials required by the TSORf) boat delivered to Canada for approval;g) the start and end of the 12 month warranty period.
MTC3	<p>Vessel Construction Experience</p> <p>The Bidder must provide objective evidence that it has the proven experience in the successful designing, production and delivery of boats of similar size and type to the boats which are the subject of this RFP, by providing a detailed list of such boats delivered (minimum 3 boats) within the past 7 years from the close of bidding.</p> <p>The list must include the following detail for each vessel submitted as evidence of construction capability:</p> <ul style="list-style-type: none">(a) General Arrangement drawings;(b) Photographs;(c) References;(d) Hull identification numbers <p>For the purposes of this evaluation, the terms similar size and type are defined as follows:</p> <p>Similar size: defined as a between 5 m to 8 m in length Similar type: aluminum hull boat, outboard</p>
MTC4	<p>Marine Drafting and Engineering Capability</p> <p>The Bidder must provide objective evidence in the form of a statement, signed by an authorized representative that it has either; a) in-house capabilities for marine drafting and engineering or b) has a written commitment from a supplier to provide marine drafting and engineering services for the duration of the Contract. The supplier must have marine drafting and engineering experience and capabilities on vessel construction projects similar in size, type and complexity to the subject RFP.</p>

MTC5	Subcontractors A list, in the form of the attached Annex C of subcontracts for goods or services must be included with the Bidder's proposal, stating the name and address of each subcontractor, and a description (Make, Model No.) of the goods or services to be supplied by each.
MTC6	Contractor Quality Management System The Bidder must provide objective evidence that it has a Quality Assurance Program, which must be in place during the performance of the Work, and which addresses the quality control elements below. The objective evidence may be in the form of a copy of the Bidder's Quality Assurance Manual which addresses these elements. Proof of registration with a recognized quality assurance organization whose system addresses the minimum requirements below, may be submitted for consideration. The quality control elements must include, as a minimum: Management Representative Quality Assurance Manual Quality Assurance Program Descriptions Quality Reporting Organization Documentation Measuring and Testing Equipment Procurement Inspection and Test Plan Incoming Inspection In-Process Inspection Final Inspection Special Processes Quality Records Non Conformance Corrective Action Bidder facilities may be audited by Canada, or its authorized representative, prior to award of contract to ensure that a system is in place in accordance with the foregoing requirement.
MTC7	Inspection and Test Plan (ITP) Bidders must provide with their bid a sample of the inspection plan and testing procedures that will be used to verify, test and inspect all of the components and systems on the boat from initial construction to completion. The ITP must show: a) How the inspection will be conducted; b) Who will perform the inspection and testing procedures; c) That the inspection will be documented in a written report; d) That tests, trials or demonstrations will occur and;

	e) The process by which they will address and solve problems or delays during the performance of the Contract.
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4.1.2 Financial Evaluation

The price of the bid will be evaluated in Canadian dollars, Applicable Taxes excluded, FOB destination, Canadian customs duties and excise taxes included

4.1.2.1 Mandatory Financial Criteria

In order to be compliant, the Bidder's proposal must, to the satisfaction of Canada, meet all requirements and provide all information as requested in **PART 3- BID PREPARATION INSTRUCTIONS, Section II- Financial Bid.**

4.2 Basis of Selection

4.2.1 Mandatory Technical Criteria

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

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

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

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

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

5.1 Certifications Required with the Bid

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

5.1.1 Integrity Provisions - Declaration of Convicted Offences

In accordance with the 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.

5.2 Certifications Precedent to Contract Award and Additional Information

The certifications and additional information listed below should be submitted with the bid but may be submitted afterwards. If any of these required certifications or additional information is not completed and

submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame specified 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.

5.2.3 Additional Certifications Precedent to Contract Award

5.2.3.1 Workers Compensation Certification- Letter of Good Standing

The Bidder must have an account in good standing with the applicable provincial or territorial Workers' Compensation Board.

The Bidder must provide, **within 5 calendar days** following a request from the Contracting Authority, a certificate or letter from the applicable Workers' Compensation Board confirming the Bidder's good standing account. Failure to comply with the request may result in the bid being declared non-responsive

5.2.3.2 Welding Certification

1. Welding must be performed by a welder certified by the Canadian Welding Bureau and in accordance with the requirements of the following standards:

CSA W47.2-11, Certification of Companies for Fusion Welding of Aluminum 2.1

2. Before contract award and **within 5 calendar days** of the written request by the Contracting Authority, the successful Bidder must submit evidence demonstrating its certification to the welding standards.

PART 6 - SECURITY, FINANCIAL AND OTHER REQUIREMENTS

6.1 Security Requirements

There is no security requirements applicable to this contract.

6.2 Financial Capability

SACC Manual clause [A9033T](#) (2012-07-16) Financial Capability

6.3 Insurance Requirements

The Bidder must provide a letter from an insurance broker or an insurance company licensed to operate in Canada stating that the Bidder, if awarded a contract as a result of the bid solicitation, can be insured in accordance with the Insurance Requirements specified in *Part 7 - Resulting Contract Clause 7.18*.

If the information is not provided in the bid, the Contracting Authority will so inform the Bidder and provide the Bidder with a time frame within which to meet the requirement. Failure to comply with the request of the Contracting Authority and meet the requirement within that time period will render the bid nonresponsive.

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 to Parks Canada, one (1) 6.5m to 7.0m multi-purpose aluminum hull vessel built in accordance with Annex "A"- Technical Statement of Requirements.

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

7.2.2 Supplemental General Conditions

[1028](#) (2010-08-16), Ship Construction- Firm Price, apply to and form part of the Contract.

7.3 Security Requirements

There is no security requirement applicable to the Contract.

7.4 Term of Contract

7.4.1 Delivery Date

All the deliverables must be received on or before September 24th, 2018.

7.4.2 Delivery Points

Delivery of the requirement will be made to:

Parks Canada
Georgian Bay Islands National Park
2611 Honey Harbour Rd., Muskoka Rd. 5
Honey Harbour, ON, P0E 1E0

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File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

7.5 Authorities

7.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Vicki Robson
Title: Supply Officer
Public Works and Government Services Canada
Acquisitions Branch
Directorate: Marine Services and Small Vessels Sector
Address: Place du Portage, Phase III, 6C2
11 Laurier Street
Gatineau, QC K1A 0S5

Telephone: 613-286-4376
E-mail address: vicki.robson@tpsgc-pwgsc.gc.ca

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

7.5.2 Project Authority

(Information to be provided at contract award)

The Project Authority for the Contract is:

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone: ____-____-_____
Facsimile: ____-____-_____
E-mail address: _____

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

7.5.3 Contractor's Representative

Name: _____
Title: _____
Organization: _____
Address: _____

Telephone: ____-____-_____

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File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

Facsimile: ____ - ____ - ____
E-mail address: _____

7.6 Payment

7.6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price, as specified in Annex B- Pricing for a cost of \$_____. Customs duties are included and Goods and Services Tax or Harmonized Sales is extra, if applicable.

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.

7.6.2 Charge-out Rate / Material Mark-up

The following rates are included in the Basis of Payment and must remain valid for the duration of the contract:

1. The Charge-out Rate specified below includes all classes of labor, engineering and foreperson, and all overheads, supervision and profit. The Charge-out Rate will be used for pricing unscheduled work that results in an increase or decrease in the Work Period, except as noted in the clause entitled "Overtime."

Charge-out Rate - \$..... /person/hour

2. Overtime:

Occasionally, Canada may elect to authorize overtime, for Unscheduled Work only. If this is the case, and the rate is greater than the Charge-out Rate, cost of labor hours will be determined on the following basis;

Time and one-half rate: \$..... /person/hour

Double Time Rate: \$..... /person/hour

3. The cost of material must be the net laid-down cost of the material to which must be added a mark-up of 10% of the net laid-down cost of the material. For the purposes of pricing, Unscheduled Work and material must be deemed to include subcontracts.

7.6.3 Shipping Instructions- Delivery at Destination

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

Incoterms 2000 "DDP Delivered Duty Paid" Georgian Bay Islands National Park.

7.6.4 Payment for Fuels, Oils and Lubricants

The Contractor is responsible for the supply and cost of 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.

7.6.5 Field Engineering and Supervisory Services

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

7.6.6 Limitation of Price

SACC Manual clause [C6000C](#) (2017-08-17) - Limitation of Price

7.6.7 Milestone Payment

Canada will make milestone payments in accordance with the Schedule of Milestones detailed in the Contract and the payment provisions of the Contract if:

- a. an accurate and complete claim for payment using form [PWGSC-TPSGC 1111](#), Claim for Progress Payment, and any other document required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- b. all the certificates appearing on form [PWGSC-TPSGC 1111](#) have been signed by the respective authorized representatives;
- c. all work associated with the milestone and as applicable any deliverable required have been completed and accepted by Canada

7.6.8 Schedule of Milestones

The schedule of milestones for the vessel for which payments will be made in accordance with the Contract is as follows:

Milestone No.	Description of deliverable(s)	%	Firm Amount
A	Hull materials delivered to Contractor and sustained construction commenced	32%	\$
B	Boat and technical manuals delivered and accepted by Canada	65%	\$
C	End of the 12month warranty period. Final Acceptance.	3%	\$

The milestones shown above must be included and identified in all production schedules.

The payment for the delivery, **Milestone B** must be payable by Canada upon delivery and acceptance of the boat and manuals by Canada, minus the holdback for double the total estimated value of any outstanding work items.

The holdback for outstanding work must be payable by Canada upon completion of the outstanding work and when the work is accepted by Canada.

The payment for completion of the twelve month warranty period, **Milestone C** must be payable by Canada upon completion of the warranty period of the vessel, minus the total cost of any work undertaken by Canada to repair any defects subject to warranty.

7.6.9 Outstanding Work and Acceptance

The Inspection Authority, in conjunction with the Contractor, will prepare a list of outstanding work items at the end of the work period. This list will form the annexes to the formal acceptance document for the vessel. A contract completion meeting will be convened by the Inspection Authority on the work completion date to review and sign off the form PWGSC-TPSGC 1105, Acceptance. In addition to any

amount held under the Warranty Holdback Clause, a holdback of twice the estimated value of outstanding work will be held until that work is completed.

The Contractor must complete the above form in 3 copies, which will be distributed by the Inspection Authority as follows:

- a. original to the Contracting Authority;
- b. one copy to the Technical Authority;
- c. one copy to the Contractor.

7.7 Invoicing Instructions

1. The Contractor must submit a claim for payment using form PWGSC-TPSGC 1111, Claim for Progress Payment.

Each claim must show:

- (a) all information required on form PWGSC-TPSGC 1111;
- (b) all applicable information detailed under the section entitled "Invoice Submission" of the general conditions;
- (c) the description and value of the milestone claimed as detailed in the Contract;
- (d) Quality assurance documentation when applicable and/or as requested by the Contracting Authority.

2. The Goods and Services Tax or Harmonized Sales Tax (GST/HST), as applicable, must be calculated on the total amount of the claim before the holdback is applied. At the time the holdback is claimed, there will be no GST/HST payable as it was claimed and payable under the previous claims for progress payments.

3. The Contractor must prepare and certify 1 original and 1 copy of the claim on form PWGSC-TPSGC 1111, and forward it to the Contracting Authority identified under the section entitled "Authorities" of the Contract for appropriate certification after inspection and acceptance of the Work takes place.

4. The Contracting Authority will then forward the original of the claim to the Technical Authority for certification and onward submission to the Payment Office for the remaining certification and payment action.

5. The Contractor must not submit claims until all work identified in the claim is completed.

7.8 Certifications and Additional Information

7.8.1 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.

7.8.2 Welding

- 1. The Contractor must ensure that welding is performed by a welder certified by the Canadian Welding Bureau (CWB) in accordance with the requirements of the following Canadian Standards Association (CSA):

- (a) CSA W47.2-11, Certification of Companies for Fusion Welding of Aluminum 2.1.
2. In addition, welding must be done in accordance with the requirements of the applicable drawings and specifications.
3. Before the commencement of any fabrication work, and upon request from the Inspection Authority, the Contractor must provide approved welding procedures and/or a list of welding personnel he intends to use in the performance of the Work. The list must identify the CWB welding procedure qualifications attained by each of the personnel listed and must be accompanied by a copy of each person's current CWB welding certification.

7.8.3 Workers Compensation

The Contractor must maintain its account in good standing with the applicable provincial or territorial Workers' Compensation Board for the duration of the Contract.

7.9 Applicable Laws

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

7.10 Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- a) the Articles of Agreement;
- b) the supplemental general conditions 1028 (2010-08-16), Ship Construction- Firm Price;
- c) the general conditions 2030 (2016-04-04) Goods- Higher Complexity;
- d) Annex A, Technical Statement of Requirement;
- e) Annex B, Pricing;
- f) Annex C, Subcontractors;
- g) Annex D, Bidder Questions and Canada Responses;
- h) the Contractor's bid dated _____.

7.11 Post Contract Award/Pre-Production Meeting

Within **3 working days** of the receipt of the contract, the Contractor must contact the Contracting Authority to determine the details of a pre-production meeting. The meeting will be held at the Contractor's plant. Cost of holding such pre-production meeting must be included in the price of the bid. Please note that the travel and living expenses for Government Personnel will be arranged and paid for by Canada.

7.12 Project Schedule

1. The contractor must provide an updated detailed project schedule in MS Project format or equivalent to the Contracting Authority and the Technical Authority **5 days after award of Contract**.
2. This schedule must highlight the specific dates for the events listed below:
 - a. hull materials delivered to Contractor and sustained construction commenced;

- b. hull and deck completed, but not closed in to allow for full inspection of the structure and welding. The Contractor must supply a hard copy of the material certificates and construction drawings to the Technical/Inspection Authority one week prior to inspection by the Technical/Inspection Authority;
- c. outfitting/electrical 75% complete but all equipment and components delivered to the Contractor and available for full inspection. The Contractor must supply a hard copy of the list of equipment and electrical supplies to the Technical/Inspection Authority one week prior to inspection by the Technical/Inspection Authority;
- d. technical manuals delivered to Canada for approval (no less than 14 days prior to the planned delivery date);
- e. Contractor's tests and trial and final sea trials required by the TSOR;
- f. boat delivered to Canada for approval;
- g. the start and the end of the 12 month warranty period

Note: Technical Manuals will not be returned once approved.

3. The schedule is to be regularly updated and available in the Contractor's office for review by Canada's authorities to determine the progress of the Work.

7.13 Progress Report

- 1. The Contractor must submit monthly reports on the progress of the Work in an electronic format to the Technical Authority and to the Contracting Authority.
- 2. The progress report must contain 2 Parts:
 - a. PART 1: The Contractor must answer the following three questions:
 - i. is the project on schedule?
 - ii. is the project within budget?
 - iii. is the project free of any areas of concern in which the assistance or guidance of Canada may be required?

Each negative response must be supported with an explanation.

- b. PART 2: A narrative report, brief, yet sufficiently detailed to enable the Technical Authority to evaluate the progress of the Work, containing at a minimum:
 - i. a description of the progress of each task and of the Work as a whole during the period of the report. Sufficient sketches, diagrams, photographs, etc., must be included, if necessary, to describe the progress accomplished.
 - ii. an explanation of any variation from the schedule.

7.14 Progress Meeting

Progress meetings, chaired by the Contracting Authority, will take place at the Contractor's facility as and when required, generally once a month. Interim meetings may also be scheduled. Contractor's attendees at these meetings will, as a minimum, be its Contract (Project) Manager, Production Manager (Superintendent) and Quality Assurance Manager. Progress meetings will generally incorporate technical meetings to be chaired by the Technical Authority.

7.15 Progress Review Meetings

Progress review meeting shall encompass total project status as of the review date. The Contractor, at a minimum, must report on the following:

1. Progress to date;
2. Variation from planned progress and the corrective action to be taken during the next reporting period;
3. A general explanation of foreseeable problems and proposed solutions, including an assessment of their impact on the contract in terms of schedule, technical performance and risk. The proposed solution should include the effort involved and the consequences to the schedule (Risk Register);
4. Proposed changes to the schedule;
5. Progress on action items, problems or special issues;
6. Deliverables submitted prior to PRM;
7. Milestones (technical and financial);
8. Activities planned for the next reporting period;
9. Status of any change notifications and requests;
10. Any changes to the PMP; and
11. Other business as mutually agreed to by CANADA and the Contractor.

7.16 SACC Manual Clauses

- B5007C- Procedures for Design Change or Additional Work, 2010-01-11
- B9028C- Access to Facilities and Equipment, 2007-05-25
- D0018C- Delivery and Unloading, 2007-11-30
- D2000C- Marking, 2007-11-30
- D2001C- Labelling, 2007-11-30
- D9002C- Incomplete Assemblies, 2007-11-30
- H4500C- Lien- Section 427 of the Bank Act, 2010-01-11

7.17 Manuals

1. No later than 14 calendar days prior to delivery of the boat, the Contractor must obtain and deliver to the Technical Authority for approval all Data Books, Operating Instruction Books and Maintenance Manuals for all machinery and equipment fitted on the Vessel as required. Once approved by the TA, the Contractor will provide 2 complete copies in accordance with and as specified in the TSOR.
2. Where manuals are examined by Canada, such examination does not relieve the Contractor of any responsibility under the Contract for ensuring the correctness of all details and adequacy of performance of the Vessel, nor does it obligate Canada to accept, in part or in whole, an item of Work completed in accordance with such manual, nor does it mean such an item of Work meets the requirements of the TSOR.

7.18 Insurance Requirements

1. The Contractor must comply with the insurance requirements specified in Articles 7.18.1 and 7.18.2. The Contractor must maintain the required insurance coverage for the duration of the Contract. Compliance with the insurance requirements does not release the Contractor from or reduce its liability under the Contract.
2. The Contractor is responsible for deciding if additional insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any additional insurance coverage is at the Contractor's expense, and for its own benefit and protection.

3. The Contractor must forward to the Contracting Authority within ten **(10) days after the date of award** of the Contract, a Certificate of Insurance evidencing the insurance coverage and confirming that the insurance policy complying with the requirements is in force. The Contractor must, if requested by the Contracting Authority, forward to Canada a certified true copy of all applicable insurance policies

7.18.1 General Commercial Insurance

1. The Contractor must obtain Commercial General Liability Insurance, and maintain it in force throughout the duration of the Contract, in an amount usual for a contract of this nature, but for not less than \$2,000,000 per accident or occurrence and in the annual aggregate.

2. The Commercial General Liability policy must include the following:

(a) Additional Insured: Canada is added as an additional insured, but only with respect to liability arising out of the Contractor's performance of the Contract. The interest of Canada should read as follows: Canada, as represented by Public Works and Government Services Canada.

(b) Bodily Injury and Property Damage to third parties arising out of the operations of the Contractor.

(c) Products and Completed Operations: Coverage for bodily injury or property damage arising out of goods or products manufactured, sold, handled, or distributed by the Contractor and/or arising out of operations that have been completed by the Contractor.

(d) Personal Injury: While not limited to, the coverage must include Violation of Privacy, Libel and Slander, False Arrest, Detention or Imprisonment and Defamation of Character.

(e) Cross Liability/Separation of Insureds: Without increasing the limit of liability, the policy must protect all insured parties to the full extent of coverage provided. Further, the policy must apply to each Insured in the same manner and to the same extent as if a separate policy had been issued to each.

(f) Blanket Contractual Liability: The policy must, on a blanket basis or by specific reference to the Contract, extend to assumed liabilities with respect to contractual provisions.

(g) Employees and, if applicable, Volunteers must be included as Additional Insured.

(h) Employers' Liability (or confirmation that all employees are covered by Worker's compensation (WSIB) or similar program).

(i) Broad Form Property Damage including Completed Operations: Expands the Property Damage coverage to include certain losses that would otherwise be excluded by the standard care, custody or control exclusion found in a standard policy.

(j) Notice of Cancellation: The Insurer will endeavour to provide the Contracting Authority 30 days written notice of policy cancellation.

(k) If the policy is written on a claims-made basis, coverage must be in place for a period of at least 12 months after the completion or termination of the Contract.

(l) Owners' or Contractors' Protective Liability: Covers the damages that the Contractor becomes legally obligated to pay arising out of the operations of a subcontractor.

(m) Non-Owned Automobile Liability - Coverage for suits against the Contractor resulting from the use of hired or non-owned vehicles.

(n) Litigation Rights: Pursuant to subsection 5(d) of the Department of Justice Act, S.C. 1993, c. J-2, s.1, if a suit is instituted for or against Canada which the Insurer would, but for this clause, have the right to pursue or defend on behalf of Canada as an Additional Named Insured under the insurance policy, the Insurer must promptly contact the Attorney General of Canada to agree on the legal strategies by sending a letter, by registered mail or by courier, with an acknowledgement of receipt.

For the province of Quebec, send to:

Director Business Law Directorate,
Quebec Regional Office (Ottawa),
Department of Justice,
284 Wellington Street, Room SAT-6042,
Ottawa, Ontario, K1A 0H8

For other provinces and territories, send to:

Senior General Counsel,
Civil Litigation Section,
Department of Justice
234 Wellington Street, East Tower
Ottawa, Ontario K1A 0H8

A copy of the letter must be sent to the Contracting Authority. Canada reserves the right to co-defend any action brought against Canada. All expenses incurred by Canada to co-defend such actions will be at Canada's expense. If Canada decides to co-defend any action brought against it, and Canada does not agree to a proposed settlement agreed to by the Contractor's insurer and the plaintiff(s) that would result in the settlement or dismissal of the action against Canada, then Canada will be responsible to the Contractor's insurer for any difference between the proposed settlement amount and the amount finally awarded or paid to the plaintiffs (inclusive of costs and interest) on behalf of Canada.

7.18.2 Marine Liability Insurance

1. The Contractor must obtain Protection & Indemnity (P&I) insurance that must include excess collision liability and pollution liability. The insurance must be placed with a member of the International Group of Protection and Indemnity Associations or with a fixed market in an amount of not less than the limits determined by the Marine Liability Act, S.C. 2001, c. 6. Coverage must include crew liability, if it is not covered by Worker's Compensation as detailed in paragraph (2.) below.

2. The Contractor must obtain Worker's Compensation insurance covering all employees engaged in the Work in accordance with the statutory requirements of the Territory or Province or state of nationality, domicile, employment, having jurisdiction over such employees. If the Contractor is assessed any additional levy, extra assessment or super-assessment by a Worker's Compensation Board, as a result of an accident causing injury or death to an employee of the Contractor or subcontractor, or due to unsafe working conditions, then such levy or assessment must be paid by the Contractor at its sole cost.

3. The Protection and Indemnity insurance policy must include the following:

(a) Additional Insured: Canada is added as an additional insured, but only with respect to liability arising out of the Contractor's performance of the Contract. The interest of Canada as additional insured should read as follows: Canada, represented by Public Works and Government Services Canada.

(b) Waiver of Subrogation Rights: Contractor's Insurer to waive all rights of subrogation against Canada as represented by the Department of National Defence and Public Works and Government Services Canada for any and all loss of or damage to the watercraft however caused.

(c) Notice of Cancellation: The Insurer will endeavour to provide the Contracting Authority 30 days written notice of cancellation.

(d) Cross Liability/Separation of Insureds: Without increasing the limit of liability, the policy must protect all insured parties to the full extent of coverage provided. Further, the policy must apply to each Insured in the same manner and to the same extent as if a separate policy had been issued to each.

(e) Litigation Rights: Pursuant to subsection 5(d) of the Department of Justice Act, S.C. 1993, c. J-2, s.1, if a suit is instituted for or against Canada which the Insurer would, but for this clause, have the right to pursue or defend on behalf of Canada as an Additional Named Insured under the insurance policy, the Insurer must promptly contact the Attorney General of Canada to agree on the legal strategies by sending a letter, by registered mail or by courier, with an acknowledgement of receipt.

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Department of Justice,
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Ottawa, Ontario, K1A 0H8

For other provinces and territories, send to:

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Department of Justice
234 Wellington Street, East Tower
Ottawa, Ontario K1A 0H8

4. A copy of the letter must be sent to the Contracting Authority. Canada reserves the right to co-defend any action brought against Canada. All expenses incurred by Canada to co-defend such actions will be at Canada's expense. If Canada decides to co-defend any action brought against it, and Canada does not agree to a proposed settlement agreed to by the Contractor's insurer and the plaintiff(s) that would result in the settlement or dismissal of the action against Canada, then Canada will be responsible to the Contractor's insurer for any difference between the proposed settlement amount and the amount finally awarded or paid to the plaintiffs (inclusive of costs and interest) on behalf of Canada.

7.19 Inspection and Acceptance

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

Solicitation No. - N° de l'invitation
5P310-180272

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur
038mc

Client Ref. No. - N° de réf. du client
5P310- 180272

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

7.20 Acceptance

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.

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.

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.

Solicitation No. - N° de l'invitation
5P310-180272

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur
038mc

Client Ref. No. - N° de réf. du client
5P310- 180272

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

ANNEX "A"

TECHNICAL STATEMENT OF REQUIREMENT

(Attached)

Technical Statement of Requirements
Georgian Bay Islands National Park – Aluminum Hull Vessel

LIST OF REFERENCE DOCUMENTS

REFERENCE	TITLE
ASTM F1166	Standard Practice for Human Engineering Design for Marine Systems, Equipment and Facilities
TP 1332	Construction Standards for Small Boats
ISO 12217	Small Boat – Stability and Buoyancy Assessment and Categorization
ABYC	American Boat and Yacht Council Standards

1.0 OVERVIEW

1.1 REQUIREMENT

- 1.1.1 The Contractor shall design, fabricate and supply quantity one (1) 6.5 – 7.0 meter aluminum hull boat 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). The boat shall be a single 200hp Mercury outboard configuration.
- 1.1.2 Georgian Bay Islands National Park (GBINP) requires a multi-purpose aluminum vessel for park operations on Georgian Bay in the Honey Harbour, ON area. The vessel will be used for multiple purposes including staff transport. The vessel will also be used material and equipment transport and as result will require a bow drop ramp.

2.0 DESIGN AND CONSTRUCTION REQUIREMENTS

Unless stated otherwise all components, equipment and material must be contractor supplied.

2.1 ERGONOMIC DESIGN – GENERAL

Hazardous operating conditions must be prevented by arranging machinery and equipment in a safe manner; providing guards for all electrical, mechanical and thermal hazards to personnel; and providing guards or covers for any controls that might accidentally be activated by contact of personnel. Human engineering factors considered in design must include accessibility, visibility, readability, crew efficiency and comfort for a range of physiques for individuals from approx. 5 ft.

to 6' 5" in height, wearing cold weather clothing and equipment which must be accessible for use, inspection, cleaning and maintenance per ASTM F1166-88.

2.2 VIBRATION

The boats and all components must be free of local vibration that could endanger boat personnel, damage boat structure, machinery or systems, or interfere with the operation or maintenance of boat machinery or sonar systems.

2.2.1 Mounts for movable components, including items moved for stowage, towing or transport must be provided with resilient material as necessary to prevent rattling.

2.2.2 Loosening of fasteners under vibration must be prevented by the use of self-locking fasteners, as applicable.

2.3 EQUIPMENT PROTECTION

The Contractor is responsible for the care of all equipment. All parts, especially those having working surfaces or passages intended for lubricating oil, must be kept clean and protected during manufacture, storage, assembly and after installation. Equipment must at all times be protected against dust, moisture or foreign matter and must not be subject to rapid temperature changes or extremes in temperature.

2.4 SITE CLEANLINESS

During construction, all chips, shavings, refuse, dirt and water must be removed at the completion of the work shift or sooner. The Contractor must ensure measures are taken to avoid wear and damage incident to construction, and to prevent corrosion or other deterioration. Equipment subject to freezing must be kept drained, except during test and trials. Equipment must be kept clean and protected from the environment prior to installation.

2.5 STRUCTURAL STRENGTH

All structures and components (hull, deck, seating, etc.) must be of sufficient strength to withstand the lateral and vertical impact-loading that equates to the conditions of the operational requirements.

2.6 STANDARDS

The boats must be designed, constructed, inspected, and certified to meet the requirements of the following standards, regulations and codes:

2.6.1 Transport Canada Marine Safety Regulation TP 1332 (current edition) Construction Standards for Small Boats. This standard references ISO and ABYC standards covering structure, fuel, electrical, stability and drainage requirements;

2.7 MATERIALS

2.7.1 All materials must be corrosion resistant.

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

2.7.3 All materials and equipment must be stored installed and tested in

accordance with the manufacturer's guidelines, recommendations and requirements.

2.8 FASTENERS

- 2.8.1 All fasteners must be of corrosion resistant materials.
- 2.8.2 Where nuts will become inaccessible after assembly of the boats, nuts must be captured or anchored to allow reassembly and prevent backing off.
- 2.8.3 Unless otherwise specified, self-locking nuts must be installed to prevent loosening of fasteners due to shock and vibration.
- 2.8.4 Fasteners in deck traffic areas must be flush-mounted to eliminate tripping and snagging hazards.

3.0 OPERATIONAL REQUIREMENTS

3.1 GENERAL

The boats must be designed and constructed for ease of maintenance and repair, long life, and to be easily supportable by local commercial facilities and suppliers.

- 3.1.1 Must meet ISO design category "C".

3.2 ENVIRONMENTAL CONDITIONS

Capable of operating day or night in the following conditions:

- 3.2.1 Average ambient air temperature range: -15°C to + 35°C
- 3.2.2 Average water temperature: 0°C to +20°C.
- 3.2.3 Wave heights of up to 1.5 meters (Beaufort Force 4).
- 3.2.4 Wind speeds of 17 - 21 knots (Beaufort Force 5).

3.3 LAUNCHING, RECOVERY & TRANSPORTATION

- 3.3.1 The boat must be readily road transportable on a trailer, must be able to be launched and recovered using a trailer at launch ramps.

3.4 BEACHING

- 3.4.1 Capable of beaching on soft (sand, earth or clay) surfaces at a speed of up to 5 knots without damage to the hull. Capable of beaching on hard (stone or concrete) surfaces at speeds of up to 3 knots without damage to the hull

4.0 PHYSICAL CHARACTERISTICS

4.1 GENERAL CONFIGURATION

Aluminum hull vessel including wheelhouse. The bow is to be a dropdown style. Wheelhouse must be located near rear ship to accommodate cargo capacity on main deck. Windshield required with centre walkthrough door. Removable canvas top fit to allow wheel house to be completely enclosed for inclement weather.

4.2 VESSEL PARTICULARS

- 4.2.1 Overall length – Between 6.5 and 7.0 metres (excluding motors)
- 4.2.2 Overall breadth – Between 2.4 and 2.8 metres, maximum.
- 4.2.3 Shape of hull – V-hull.
- 4.2.4 Vessel style – Aluminum hull - open deck
- 4.2.5 Vessel stern configured to accommodate – Single 200hp (Mercury) outboard
- 4.2.6 Propulsion (Supplied and installed by Parks Canada) – Outboard motor 200hp
- 4.2.7 Bow Drop Gate – Between 1.5 and 1.9 metres
- 4.2.8 Self-bailing, non-slip, cargo floor – Aluminum 3/16” minimum
- 4.2.9 Cargo Capacity – Minimum 900kg
- 4.2.10 Vessel is to be equipped with six mooring cleats, three on each side.

4.3 HULL

All components and structures (hull, deck, seats, etc.) must be strong enough to withstand the horizontal and vertical impact loading associated with the operational requirements of the craft while under normal load conditions.

- 4.3.1 Single V-hulled vessel.
- 4.3.2 15 degree dead rise
- 4.3.3 Minimum Hull Class – “C”
- 4.3.4 The shape of the hull must not impede the flow of water to propulsion apparatus and must protect personnel on board from spray and waves.
- 4.3.5 The hull must be Aluminum – fully welded V hull design, with a Minimum Gauge 3/16”

4.4 CONSOLE AND ROOF

- 4.4.1 Aluminum wheelhouse extending entire width of vessel with glass windshield. The wheelhouse must be fitted with proven manufacturers' aluminium framed windows.
- 4.4.2 Centre walkthrough door.
- 4.4.3 Removable canvas top (soft top wheelhouse)

4.5 SEATING

- 4.5.1 Wheelhouse must provide seating for a minimum of 5 persons
- 4.5.2 This boat must be equipped with two (2) marine seats in the cabin for the operator and the navigator. Bench seat is acceptable for remaining 3 persons.

4.6 STOWAGE

Stowage compartments for small pieces of equipment must be installed wherever it is possible under seats and benches.

4.7 PROPULSION SYSTEM

Outboard motor (200 HP) will be supplied and installed by Parks Canada.

4.8 FUEL TANK

- 4.8.1 The vessel must be fitted with one (1) fuel tank with baffles as necessary.
- 4.8.2 Fuel tank must be internal and fixed with a minimum total capacity of 175 litres.

4.9 ELECTRICAL SYSTEM

All electrical equipment and materials must be watertight and installed according to the manufacturer's specifications.

The system must include the following:

- a) Navigation lights
- b) Instruments
- c) Bilge pumps (Automatic and Manual)
- d) Panel space for Electronic systems
- e) Panel space for Communication systems

Electrical equipment must be readily accessible for maintenance.

4.10 Documentation Required

Parks Canada, specifically the Georgian Bay and Ontario East Field Unit is in the process of renewing their vessel fleet. As part of this renewal we are pursuing the additional documentation for any new vessels:

- 4.10.1 A Builder's plate must be affixed to the vessel in a readily visible location
- 4.10.2 Manufacturer Stability Booklet
- 4.10.3 Hull design parameters and drawings

4.11 Delivery Location

Prior to shipping, the vessel is to be cleaned, appropriately protected and covered. The vessel is to be delivered to the following address:

Georgian Bay Islands National Park
2611 Honey Harbour Rd., Muskoka Rd. 5
Honey Harbour, ON.
POE 1E0

Solicitation No. - N° de l'invitation
5P310-180272

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur
038mc

Client Ref. No. - N° de réf. du client
5P310- 180272

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

ANNEX "B"

PRICING

B1: Firm Price (CAD\$)

B1.1: One (1) 6.5m – 7.0m Aluminum Hull Vessel built in accordance with Annex "A" and Annex "D". \$ _____

B1.2: Transportation cost for delivery of 1 boat FOB to:

Georgian Bay Islands National Park \$ _____
2611 Honey Harbour Rd., Muskoka Rd. 5
Honey Harbour, ON
P0E 1E0

TOTAL WITHOUT GST/HST \$ _____

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File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

ANNEX "C"
SUBCONTRACTORS

Specification Item	Description of Goods/Services (incl Make, Model No, as applicable)	Name of Supplier	Address of Supplier

Solicitation No. - N° de l'invitation
5P310-180272

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur
038mc

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File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

ANNEX "D"

BIDDER QUESTIONS AND CANADA RESPONSES

Completed and updated during the solicitation process.