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Moncton

New Brunswick

E1C 1H1

Bid Fax: (506) 851-6759

**SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION**

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

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

Comments - Commentaires

Vendor/Firm Name and Address

Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Acquisitions NB/PEI (Moncton Office) – Bureau

d'acquisitions N.-B./Î.-P.-É. (Moncton)

1045 Main Street / 1045, rue Main

Moncton

New Bruns

E1C 1H1

Title - Sujet Fiberglass Boat and Trailer	
Solicitation No. - N° de l'invitation 5P131-190125/B	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client 5P131-190125	Date 2019-10-08
GETS Reference No. - N° de référence de SEAG PW-\$MCT-041-5612	
File No. - N° de dossier MCT-9-42011 (041)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-10-16	Time Zone Fuseau horaire Atlantic Daylight Saving Time ADT
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Owens (MCT), Shannon	Buyer Id - Id de l'acheteur mct041
Telephone No. - N° de téléphone (506) 962-5402 ()	FAX No. - N° de FAX (506) 851-6759
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	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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5P131-190125

Amd. No. - N° de la modif.
001
File No. - N° du dossier
MCT-9-42011

Buyer ID - Id de l'acheteur
mct041
CCC No./N° CCC - FMS No./N° VME

Solicitation Amendment No. 001

Title Fiberglass Boat and Trailer

This solicitation is hereby amended to provide responses to the following questions and to revise Annex A and Annex C (**Revised October 8, 2019**):

Q1: Please confirm that the 17' to 18' length of the boat is for boat only (no motor).

A1: Yes it is for boat only, the motor is GSM (Government Supplied Material) stated in Technical Specification 2.2

Q2: Will you accept a boat with a total length of 18'8" containing boat and motor?

A2: The boat must be delivered without a motor because the Government has already a motor ready to be installed GSM (Government Supplied Material).

Q3: Will you accept boats with a maximum length of 19'?

A3: The New Brunswick North Field Unit is prepared to accept a boat that is the length between 17' to 19' feet long and a trailer that is made for this vessel.

Therefore, in Annex A (1.0 Overview and 4.0 Physical Characteristics) and in Annex C (Item 3.1 "Length"):

DELETE: 17' (minimum) to 18' (maximum), and;
INSERT: **17' (minimum) to 19' (maximum)**

If your bid has already been forwarded and you wish to revise same, this revision should be sent either in a sealed envelope and mailed to the above address or by facsimile (506) 851-6759 and reach the undersigned before the appropriate closing date. The solicitation number and the closing date are to be shown on the outside of the sealed envelope or on the facsimile transmission.

All other terms and conditions of the solicitation document remain unchanged remain unchanged.

All enquiries concerning this amendment are to be forwarded to:

Name: Shannon Owens
1045 Main Street
Moncton, NB E1C 1H1
Telephone No: (506) 962-5402
Facsimile No: (506) 851-6759
Email: shannon.owens@pwgsc-tps.gc.ca

ANNEX "A" - REQUIREMENT - Revised October 8, 2019

1.0 OVERVIEW

GENERAL

Parks Canada buys, manages and operates numerous small craft in support of its Agency's programs and other missions.

This requirement is for one (1) 2019 Fiberglass open Boat (Boat and Trailer Only) in the **17 to 19 ft. range** and a trailer that is made to fit the required boat.

The primary role of this craft will be the support of the Resource Conservation Science and Law Enforcement Program within the Northern New Brunswick Field Unit.

1.1 INFORMATION REQUIRED FOR TENDERING

The following information must be provided for the tendering stage:

A description of how the bidder will meet each of the requirements of this Statement of Requirements.

The contractor must also provide documentary evidence such as plans, sketches, pictures or brochures of capability to supply a craft of this size that meets our requirements.

2.0 DESIGN AND CONSTRUCTION REQUIREMENTS

2.1 GENERAL

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

VIBRATION

The boat 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 systems.

2.2 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. Hull scantlings must adhere to requirements of TP1332.

2.3 STANDARDS

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

- 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.
- Fiberglass components shall have a colored white gel-coat finish.
- The Contractor shall supply a certificate of approval insuring the proposed boat complies with TCMSB TP 1332, to ensure compliance with the current Canadian Coast Guard, Maritime Services Policies.

2.4 MATERIALS

All materials must be corrosion resistant and suitable for use in a salt water environment as detailed in the Operational Requirements. All materials normally subjected to sunlight must resist degradation caused by ultraviolet radiation. Galvanized materials are unacceptable.

Stainless steel type 316L or 316 must be used for all stainless steel applications except as noted. Alloy 316L must be used in any welded underwater components.

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

All materials and equipment shall be stored installed and tested in accordance with the manufacturer's guidelines, recommendations and requirements.

2.5 FASTENERS

All fasteners must be of corrosion resistant materials.

Self-locking nuts must be installed to prevent loosening of fasteners due to shock and vibration.

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

3.0 OPERATIONAL REQUIREMENTS

GENERAL

Performance of this boat shall be for conditions of zero sea state and no wind, to medium seas in salt water with Normal Load and complement. The craft shall be designed and constructed for ease of maintenance and repair, long life, and to be easily supportable by local commercial facilities and suppliers. Unless otherwise stated, performance must be for conditions of zero sea state and no wind, in salt water with Normal Load Condition.

BEACHING

Capable of beaching on soft (sand, earth or clay) surfaces at a speed of up to 5 knots without damage to the hull.

3.1 ENVIRONMENTAL CONDITIONS

- Capable of daylight (dawn to dusk) operation in the following conditions:
- Average ambient air temperature range: -20 ° C to + 30 ° C
- Average water temperature: 0 ° C to +20 ° C.

4.0 PHYSICAL CHARACTERISTICS

BOAT PARTICULARS

- Length overall between - 17 to 19 ft.
- Draft Depth 12" to 13"
- Hull form – Deep Vee hull configuration.
- Hull material – Fiberglass.
- Boat style – general purpose, open boat with center console
- Boat capacity 7 to 10 persons
- Reversible pilot seat with locking backrest and storage
- Integrated fuel tank
- Transom height 22" to 25"

Propulsion

The boat must be able to accommodate a minimum of 90hp (Government Supplied Material (GSM))

5.0 BOAT CONFIGURATION

HULL

The hull is to be a Deep "V" design monohull.

Hull shape shall not impede water flow to the propulsion units and shall direct spray and waves away from on-board personnel.

The hull design shall be such that a sufficient number of watertight compartments, including hull compartments and low smoke and flame spread flotation foam or fire retardant flotation, or flotation devices will allow for adequate stability and positive buoyancy in a flooded condition.

In plain view, the bow must be squared athwart ships to the top of bulwark, this will maximise the internal working area and facilitate ease of boarding.

5.1 DECK LAYOUT

Fully open boat – with center Console on the centreline with walk around access on deck both port and starboard sides of console.

Surface finish of the entire weather exposed decking must be non-skid/non-slip with self-draining high-capacity non-return freeing ports.

6.0 OUTFIT GENERAL

6.1 HULL OUTFIT

Stainless steel bow eye reinforcement: A system is to be designed and incorporated into the construction of the stem that allows for the bowline and or trailering hook to be attached to the bow. The bow eye must be reinforced with a Stainless steel reinforcement plate.

Beaching Shoe: A Stainless steel keel beaching shoe (cutwater) is to extend from just above the forward waterline along the full length of the hull to the transom capable of satisfying the operational requirements in section 3.1.

Heavy-duty rub rail: A rub rail must be provided just below the top of the bulwarks and around the entire perimeter of the boat.

Port and Starboard stainless steel trailering tie down points to be incorporated in transom.

Side rails: side rails to be mounted to port and starboard quarters.

6.2 DECK OUTFIT

STOWAGE

Arrangements shall be provided for safe, secure and accessible stowage of an anchor and cable, and other equipment in a lockable bow box. Compartments are to be lockable, secured by positive means and operable by gloved or insensitive hands.

CONSOLE

The fiberglass console must be centered on the breadth of boat, the forward side of the console must be located at 60% of the overall length measured from the transom.

The height of the console and windscreen must be suitable for stand up operations.

A grab rail must be incorporated into the console for the passengers and operator. The rail must be able to be utilized around the perimeter of the console and provide protection of the windscreen at its highest point.

A lockable top stowage box will be incorporated into the console for ease of access by the operator during operations.

Console must be equipped with hydraulic steering system.

6.2 HELM STATION

The steering system must incorporate a clutch mechanism, such that the operator is isolated from the outboards torque relieving the requirement to constantly torque at the wheel during operations.

All lights switches and breakers shall be within easy reach of the helmsmen.

6.3 LIFESAVING & EMERGENCY EQUIPMENT

The Contractor must supply the following items and must fit stowage / securing arrangements as appropriate for each item. All items must be readily accessible.

- One (1) Fire Extinguisher (Class 5 ABC, marine type)

7.0 ELECTRICAL SYSTEM

The electrical system design, component selection and installation shall be in accordance with TP1332 and/or ABYC 'E' as referenced by TP1332. All electrical equipment and hardware shall be installed in accordance with the manufacturer's specifications.

Breaker panel to be appropriately sized for the equipment detailed in this technical statement of requirements with a minimum of 2 spare.

A Twelve (12) volt DC distribution system shall be provided to power the engine starting and boat service loads including:

- Navigation lighting
- Electrical equipment
- Analog Instrumentation

Two (2) remote 12V marine grade accessory plug shall be supplied and installed near the helm for search and rescue spot light.

All fitted electrical equipment shall be capable of operating simultaneously with any other fitted electronics equipment without causing interference to any electronic equipment or to the magnetic compass.

All operation switches for equipment shall be labelled.

7.1 BATTERIES AND CHARGER

Battery compartment shall be weather tight.

8.0 NAVIGATION LIGHTING

Navigation lighting fixtures shall be of such a design as to resist the effects of vibration and moisture and shall be provided with adequate protection from damage.

The navigation lights shall be mounted so as not to interfere with vision of the operator.

The navigation lights shall be permanently mounted, and not interfere with other installations.

All-round White / Anchor light to be mounted in such a way as to be detachable, or on a folding mast for shipping height reduction.

Navigation lights shall be permanently fitted to the craft with protected wiring and shall be waterproof.

8.1 NAVIGATION ELECTRONICS

The Contractor must supply and install an electric horn that meets the requirements of the Collision Regulations, Rule 32 is met with a standard small boat 'horn' audible 0.5 NM. The horn must be installed on the boat exterior with the 'horn' facing forward. The horn shall be operated by a spring-loaded switch located on the operators' console.

8.2 MAGNETIC COMPASS

The Contractor must provide and install a direct read compass, with light. The Magnetic Compass must be mounted on the centreline of the helm station, in easy view of the operator when facing forward.

8.3 DRAINAGE & BILGE SYSTEMS

Boat must be equipped with a bilge pump with float switch and electric switch on the console.

8.4 HULL DRAINAGE

A non-corroding threaded plug shall be provided in the lowest point to drain the aft compartments of the hull when out of the water.

The standard color of the hull, deck, collar, and console of the boat shall be white. Upholstery could be white or grey.

Prior to delivery, the Contractor must ensure that all non-painted exposed surfaces are free of cosmetic blemishes, including all construction marks, scratches, gouges and stains.

9.0 BUILDER'S PLATE

A Builder's Plate shall be affixed to each asset in a readily visible location, e.g. for a boat, in way of the helm position, for a trailer on the left side of the tongue.

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

The dimensions of the plate shall be not less than 200mm x 125mm

The plate shall contain the following information, permanently etched:

- Number of maximum persons
- Builder
- Hull Number
- Year of Construction
- Lightship Weight in kilograms

9.1 TECHNICAL PUBLICATIONS

Contractor must provide, upon delivery of the boat, complete set of technical publications of a comprehensive owner/operator manual that provides a physical and functional description of the craft, it's machinery and equipment, as well as delivery testing and sea trial result documentation

9.2 BOAT DELIVERY

Boat and trailer should be delivered within 30 days of contract award but must be delivered no later than March 16, 2020 to:

Northern New Brunswick Field Unit
Unité de gestion du nord du Nouveau Brunswick
Parc national Kouchibouguac National Park
186 Route 117
Kouchibouguac National Park, N.B.
E4X 2P1

9.3 TRAILER

One (1) Trailer will have to be supplied with the boat.

General

A trailer shall be supplied and fitted by the contractor for the boat as per the following requirements:
A trailer to fit the boat, must be provided by the contractor, and must be welded galvanized construction and be rated at least 10% over the anticipated 'normal load' weight of the boat. The trailer must be certified commercial requirements in accordance with Department of Transport regulations for towing the boat, and be constructed and equipped with the following:

- Trailer to be equipped with axle bearing protection, grease nipple, and flush out kit if required
- Brake and turn signal lighting, with 4-prong flat wiring connector. The lighting system must be submersible.
- Manual bow winch assembly with winch strap and non-corroding snap hook, bow chock, and swivel tongue jack, with wheel.

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- The winch must be of adequate size to launch and recover the boat and fitted with anti-reverse mechanism.
 - Heavy-duty 'stand-on' fenders and hitch to accommodate a 2-inch ball.
 - Bunks and wheel mounted spare tire and carrier, with lug wrench; and side loading guides aft.
 - Class III weight distributing hitch compliant.

The contractor must record the trailer sales and registration information and provide the information in the boat manual.

ANNEX "C"

MANDATORY TECHNICAL CRITERIA - Revised October 8, 2019

MANDATORY REQUIREMENTS:

Bids MUST meet the mandatory requirements specified below. To demonstrate that all requirements of the technical specifications are respected, bidders MUST respond with complete specifications and/or descriptive literature of the equipment being offered.

The complete specifications and/or descriptive literature should be submitted with the proposal but may be submitted afterwards. If the complete specifications and/or descriptive literature are not submitted with the proposal, the Contracting Authority will so inform the Bidder and provide the Bidder with a time frame within which to meet this requirement. Failure to comply with the request of the Contracting Authority and meet the requirement within that time period will render the bid non-responsive.

Any proposal which fails to meet all mandatory specifications and requirements will be deemed nonresponsive. Each requirement should be addressed separately.

Any changes to the requirement and/or questions will be answered with an amendment to the solicitation and posted on the Government Electronic Tendering System (GETS) at www.buyandsell.gc.ca.

Technical Specifications for: Fiberglass Boat and Trailer

Technical Specifications			Supplier's Cross Reference to Technical Offer (indicate page #)	Supplier Comments:
Item	Description			
1	YEAR OF CONSTRUCTION:			
1.1	New (2019 or newer)			
2	DESIGN AND CONSTRUCTION:			
2.1	General purpose, fully open boat, with center console on the longitudinal axis with foot access on deck, on port and starboard side of the console. In plain view, the bow must be squared athwart ships to the top of bulwark, this will maximize the internal working area and facilitate ease of boarding.			
2.2	Propulsion:	Boat must be able to accommodate a minimum of 90hp GSM (Government Supplied Material)		
2.3	Rails:	Heavy-duty rub rail below the top of the bulwarks and around the entire perimeter Side rails mounted to port and starboard quarters		
2.4	Stowage:	Must include safe, secure and accessible stowage of an anchor and cable, and other equipment in a lockable bow box.		

Technical Specifications			Supplier's Cross Reference to Technical Offer (indicate page #)	Supplier Comments:
Item	Description			
2.5	Console:	<p>The fiberglass console must be centered on the breadth of the boat, the forward side of the console must be located at 60% of the overall length measured from the transom.</p> <p>The height of the console and windscreen must be suitable for stand up operations.</p> <p>A grab rail must be incorporated into the console for the passengers and operator. The rail must be able to be utilized around the perimeter of the console and provide protection of the windscreen at its highest point.</p> <p>A lockable top stowage box will be incorporated into the console for ease of access by the operator during operations.</p> <p>Console must be equipped with hydraulic steering system.</p>		
2.6	Colour:	<p>1. Colour of fiberglass components (hull, deck, collar, and console) must be white, gel-coat finish</p> <p>2. Colour of upholstery must be white or grey</p>		
3	DIMENSIONS/CAPACITIES/PARTICULARS:			
3.1	Length:	17' (minimum) to 19' (maximum)		
3.2	Draft Depth:	12" (minimum) to 13" (maximum)		
3.3	Hull Form:	Deep "V" monohull configuration		
3.4	Hull Material:	Fiberglass		
3.5	Boat Capacity:	7 to 10 persons		
3.6	Pilot Seat:	Reversible pilot seat with locking backrest and storage		
3.7	Fuel Tank:	Integrated		
3.8	Transom Height:	22" (minimum) to 25" (maximum)		
4	ELECTRICAL AND DRAINAGE SYSTEMS:			
4.1	Distribution System:	12 volt DC distribution system		
4.2	Drainage & Bilge Systems:	Must be equipped with a bilge pump with float switch and electric switch on the console.		
5	NAVIGATION:			
5.1	Navigation Lighting:	Required		

Technical Specifications			Supplier's Cross Reference to Technical Offer (indicate page #)	Supplier Comments:
Item	Description			
5.2	Navigation Electronics:	One (1) electric horn		
5.3	Magnetic Compass:	Direct read magnetic compass with light, mounted on the centreline of the helm station.		
6	BOAT TRAILER:			
6.1	Welded galvanized construction			
6.2	Rated at least 10% over the anticipated "normal load" weight of the boat offered			
6.3	Equipped with axle bearing protection, grease nipple and flush out kit (if required)			
6.4	Submersible brake and turn signal lighting, with 4-prong flat wiring connector			
6.5	Manual bow winch assembly with winch strap and non-corroding snap hook, bow chock, and swivel tongue jack, with wheel. Winch must be of adequate size and fitted with an anti-reverse mechanism.			
6.6	Heavy-duty 'stand-on' fenders and hitch to accommodate a 2-inch ball			
6.7	Bunks and wheel-mounted spare tire and carrier, with lug wrench and side loading guides aft			
6.8	Class III weight distributing hitch compliant			
6.9	Supplier must record the trailer sales and registration information and provide the information in the boat manual			

DELIVERY REQUIREMENTS:

Boat and trailer must be delivered to:
Kouchibouguac Northern New Brunswick Field Unit
Kouchibouguac National Park
186 Route 117, Kouchibouguac, New Brunswick E4X 2P1

Boat and trailer should be delivered within 30 days of contract award but must be delivered no later than **March 16, 2020**.

Prior to delivery the Contractor must inspect to ensure that all non-painted exposed surfaces are free of cosmetic blemishes, including all construction marks, scratches, gouges and stains.

I certify that _____ can meet the above mandatory delivery requirements.
(Company Name)

(Name)

(Signature)

(Date)