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86 Clarence Street, 2nd floor  
Kingston  
Ontario  
K7L 1X3  
Bid Fax: (613) 545-8067

## SOLICITATION AMENDMENT MODIFICATION DE L'INVITATION

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

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

Comments - Commentaires

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

Issuing Office - Bureau de distribution  
Public Works and Government Services / Travaux  
publics et services gouvernementaux  
Kingston Procurement  
Des Acquisitions Kingston  
86 Clarence Street, 2nd floor  
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Ontario  
K7L 1X3

<b>Title - Sujet</b> Small Boats	
<b>Solicitation No. - N° de l'invitation</b> W0125-16CR03/B	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> W0125-16-CR03	<b>Date</b> 2016-01-20
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$KIN-900-6808	
<b>File No. - N° de dossier</b> KIN-5-44139 (900)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2016-02-01</b>	
<b>Time Zone</b> Fuseau horaire Eastern Standard Time EST	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Emmons, Chris	<b>Buyer Id - Id de l'acheteur</b> kin900
<b>Telephone No. - N° de téléphone</b> (613) 484-2136 ( )	<b>FAX No. - N° de FAX</b> (613) 545-8067
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

Instructions: See Herein

Instructions: Voir aux présentes

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

## Amendment #1

### Question

1. Since the boats will be used for operation outside Canada, how is the vessel to be transported to the area of operation? Is C-130 transportability a requirement? Will DND use commercial transport for shipping?
1. Answer: There is no special requirements to load these into a CC-130 or C-17. Which is how it will be transported.

### Question

2. Please clarify what is intended by the requirement for the boat to have at least 3.0 m3 of floor board net area referred to in 2.2.1.2
2. Answer: This is for transport of the average container size for the DART medical equipment and smaller vehicles.

### Question

3. The specification does not state any specific construction or safety standards to ensure the safety of the crew, passengers and vessel. The Construction Standards for Small Vessels, (TP1332), has been developed for vessels constructed or imported in order to be sold or operated in Canada. These are minimum construction and safety standards that ensure the safety for the crew and vessel. Please confirm if DND will require the vessels to meet TP 1332.
3. Answer: We need to conform to Canadian rules and regulations even when abroad so yes, they will need to meet these standards.

### Question

4. The specification states that the vessel will operate in off-shore, open water and fast current conditions, but does not specify any minimum drainage requirements. Please confirm if DND would like the vessel to meet the quick-draining requirement of ISO 11812 to ensure the safety of crew, passengers and vessel.
4. Answer: Yes.

## **DELETE: ANNEX A – Requirement**

### **2.0 SYSTEM EFFECTIVENESS REQUIREMENTS**

- 4.1.7 Must contain (2 person) Jockey seat with fuel tank;
- 4.1.7.1 The engine needs to be able to sustain a minimum of 500 PPM of sulphur.

**INSERT: ANNEX A – Requirement**

**DISASTER ASSISTANCE RESPONSE TEAM - SMALL BOAT**

**1.0 SCOPE**

- 1.1 Purpose. The purpose of this Statement of Requirement is to fill a requirement to obtain up to 4 x small boats, motors and trailers for the Disaster Assistance Response Team (DART) for operational use.
- 1.2 Background. In order to support DART operations, there is a requirement to have a section of small boats. The current boats held by the High Readiness Detachment (HRD) for use by the DART are not suitable for potential areas of operation for the DART as they are underpowered and have inflatable hulls which are susceptible to piercing.
- 1.3 Project Constraints. Due to the high readiness of the DART, commercial off-the-shelf (COTS) products should only be considered.

**2.0 SYSTEM EFFECTIVENESS REQUIREMENTS**

The specifications detailed below are the minimum requirements for the contractor to provide:

- 2.1 General Requirements. The 4 x boats must have the following specifications and capabilities:
  - 2.1.1 The identified items must be delivered by 31 March, 2016;
  - 2.1.2 The combine weight of the trailer, boat and engine must be less than 2500Kg;
  - 2.1.3 Overall length must be within min 5.3 m and max 6.9 m;
  - 2.1.4 Overall width must min 2 m and max 3 m;
  - 2.1.5 Colour must be navy grey or black;
  - 2.1.6 Must include a foot pump, rapid repair kit, paddles (aluminium shaft, plastic blade) with support;
  - 2.1.7 Operation manual, parts manual and maintenance manual must accompany each boat;
  - 2.1.8 Each boat must be equipped with a depth finder;
  - 2.1.9 Each boat must be equipped with a Marine CB radio VHF with antenna; and

- 2.1.10 Contractor must provide 2 x maintenance pack up kits each consisting of the following items:

3 propeller Stainless steel  
 spare lower unit (gear box)  
 spare motor cowl front and rear  
 fuel filter X4  
 AlternatorX1  
 Alternator belt X1  
 Belt tensioner X1  
 Spare pcm propulsion control module X1  
 Spare fuel pump X1  
 spare water pump X2  
 spare anode kit X1  
 spare propeller shaft X1  
 air intake assembly X1  
 oil pump assembly X1  
 gasket kit motor complete X1kit  
 Oil filter X4 ea  
 Power steering pump X1 (if equipped with P/S) All oil hose that is on the motor X1kit All fuel hose that is on the motor X1 kit Starter X1 spare supercharger if motor equipped with a supercharger X1 spare oil dipstick X1 All special tool that needed to fix the motor as per constructor specification.  
 spare blidge pump X1  
 Water separator filter kit if equipped X2  
 Ruggedized shipping container X 1

## **2.2 Operability.**

### **2.2.1 Performance Capability**

Must have a Payload minimum of 1400Kg.

2.2.1.1 Must be able to fit a minimum of 11 pers (3 x operators and 8 x pers) with personal kit.

2.2.1.2 The boat must have at least 3.0m<sup>3</sup> of floor board net area.

2.2.1.3 Must be able to operate up to 2kms off shore in open water in normal sea conditions.

2.2.1.4 Must be able to operate in open water as well as fast currents (>5.0m/s) when fully loaded.

2.2.1.5 Must have a rigid (aluminum weld) hull and transom, but can be inflatable (RHIB).

2.2.1.6 Each boat must have a 1 year limited warranty.

2.2.1.7 Motor must be propeller driven with a minimum of 75hp.

The engine must be 4-stroke.

2.2.1.8 The motor must be outboard.

2.2.1.9 Each motor must have a limited 3 years warranty.

2.2.1.10 The trailer must have a one year warranty and must be built of premium quality galvanized metal.

2.2.1.11 The trailer should be able to be towed by commercial off the shelf (COTS) pick-up trucks similar to the Toyota HiLux (maximum towing capacity 2500kgs). The boat/trailer must have brakes hydraulic activated by the tongue.

2.2.1.12 The trailer tongue must be able to swivel and need to be equipped with solid guide pole at the back of the trailer.

2.2.1.13 The trailer can be single axle (in priority) or double (only if single axle cannot support the total weight), and the boat rails must be removable (bracketed or both).

2.2.1.14 The trailer needs water proof lights and rough guard paint .

2.2.1.15 Equip with a Hydraulic trim to tip the engine.

2.3 Crew Stations and Interface Design. Need a stand-up console complete for 2 pers preferably with all the standard gauges and equipment.

2.4 **Survivability.** The boats must be able to operate in austere conditions with less than favourable weather. They must also be able to handle waters that could be littered with debris.

2.5 **Maintainability.**

2.5.1 Maintenance Task Performance. Need to have with the boats, 2 x full kit of all special tooling for maintenance, repair and diagnostic (diagnostic computer) related to the boat and the engine ( see para 2.1.11 for breakdown on each kit).

2.5.2 Crew Station and Interface Design. Need to have easy access to repair it.

2.6 **Safety and Health.** Shall come with all national safety light and equipment, as per Canadian boat regulation.

2.7.1 **Delivery Requirements**

2.7.1.1 Quantity. 4 boats with motors, trailers and all the others equipment, parts, tools and manuals described in this SOR.

2.7.1.2 **Location. Delivery** will be to the High Readiness Detachment at CFB Trenton, Ontario, Building 358, located at 56 Portage Drive .