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Gatineau
Québec
K1A 0S5

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
Canada/Réception des soumissions Travaux publics et
Services gouvernementaux Canada
11 Laurier St./11, rue Laurier
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Gatineau
Québec
K1A 0S5

Title - Sujet Channel Survey & Sounding Vessel	
Solicitation No. - N° de l'invitation F7047-141005/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client F7047-141005	Date 2014-10-10
GETS Reference No. - N° de référence de SEAG PW-\$SLE-004-24663	
File No. - N° de dossier 004sle.F7047-141005	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2014-11-05	
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: Langdon, Jeremy	Buyer Id - Id de l'acheteur 004sle
Telephone No. - N° de téléphone (819) 934-0255 ()	FAX No. - N° de FAX (819) 956-0897
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Specified herein	

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

Solicitation No. - N° de l'invitation

F7047-141005/A

Client Ref. No. - N° de réf. du client

F7047-141005

Amd. No. - N° de la modif.

002

File No. - N° du dossier

004sleF7047-141005

Buyer ID - Id de l'acheteur

004sle

CCC No./N° CCC - FMS No/ N° VME

Channel Survey & Sounding Vessel

F7047-141005/A

Langdon, Jeremy

Telephone No. - (819) 934-0255

Fax No. - (819) 956-7725

Amendment No. 2 is raised to amend the closing date from 2014/11/05 14:00 Eastern Daylight Time (EDT) to 2014/11/05 14:00 Eastern Standard Time (EST).

Amendment No. 1 is raised to amend the French document for a title correction and to include two hyperlinks which include further information on current Canadian Coast Guard Channel Survey & Sounding Vessels.

Price and Availability Request

This request is not a solicitation and there are no commitments with respect to future purchases or contracts.

CHANNEL SURVEY & SOUNDING VESSELS

The Department of Fisheries & Oceans (DFO), Canadian Coast Guard (CCG), intends to purchase up to two (2) Channel & Sounding Vessels based on a proven design.

Below you will find a description of the requirements from the Department of Fisheries & Oceans / The Canadian Coast Guard.

DESCRIPTION OF REQUIREMENTS

1.0 TITLE

1.1 Canada has a requirement to purchase up to two (2) Channel Survey & Sounding Vessels.

2.0 BACKGROUND AND REQUIREMENTS

2.1 Fisheries & Oceans Canada (DFO) and the Canadian Coast Guard (CCG) Central and Arctic Region have a requirement for near shore Channel Survey & Sounding Vessels to be used for Hydrographic purposes. The Channel Survey & Sounding Vessels will operate in the St-Laurence River from Montreal to Isles aux Coudres for a period of eight (8) months of the year from April to December.

2.2 This Price & Availability is requested for the purchase of up to two (2) Channel Survey & Sounding Vessels. Henceforth these vessels will be referred to as the "candidate vessel(s)".

3.0 OBJECTIVES

- 3.1 The requirements shall be for missions to assist in the delivery of the Canadian Hydrographic Service (CHS) in support to the Canadian Coast Guard (CCG) Waterways Management program (WMP). Secondary mission capabilities, which will constitute of 5% or less of planned activities, will be for Search & Rescue (SAR), Aids to Navigation, Supporting Law Enforcement, Responding to Emergency situations, Natural Disasters and supporting Ecosystems and Fisheries Science.
- 3.2 It is requested that an estimated delivery date of the candidate vessel(s) be provided (For example, the number of weeks after contract award).
- 3.3 Potential suppliers are requested to provide estimated pricing for both the purchase of one (1) and two (2) vessels.
- 3.4 Potential suppliers are requested to provide in their response both the technical specifications for the candidate vessel and how it will meet the scope requirements set out in section 4.0.
- 3.5 Potential suppliers are to clearly describe in their response all information concerning rules & regulations, standards used or followed and certification provided during their candidate vessel's design, construction, acceptance and entry in to service.

4.0 SCOPE

- 4.1 The requested candidate Channel Survey & Sounding vessels will be new builds with the following requirements:

a. Length (Overall)	Within the range of 12m to 15m (approximately)
b. Draft, appendage, maximum (Port departure condition)	Not to exceed 1.2m
c. Endurance	Sail continuously for 16 hours used as a day boat
d. Safe Deck load	A minimum for Hydrographers Equipment
e. Speed (operational range)	Optimized operational range of 8 to 16 knots
f. Speed (Loaded Condition)	No less than 20 knots/max forward Speed of 25 knots at maximum loaded condition
g. Power	Total power not greater than 750 KW
h. Hydraulic crane	One to move auxiliary equipment with a 1.5m reach outside the vessel side & capable of deploying a small utilitarian craft of approximately 3.4m long weighing approximately 220 Kg
i. Fresh Water Tank	Sufficient capacity for four (4) persons for seven (7) days, 500 litres capacity Approx.
j. Hull Type	The hull and superstructure shall be built out of either aluminium or steel or a combination of both.

4.2 The class of voyage shall be Near Coastal up to 200 Nautical Miles offshore.

4.3 All Electrical and Electronic equipment shall not be grounded to the hull.

4.4 The CCG and Hydrographic Services Canada currently operate the Kongsberg EM2040D system for Survey & Sounding purposes. The candidate vessel would need to be equipped with the same equipment, upgrade or its equivalent multi beam Sonar.

Multi beam Sonar

Multibeam Echo Sounder

SIS Software and EM Station

4.5 It is Canada's intent that should the Hydrographic equipment need to be installed on the candidate vessel or the candidate vessels hydrographic equipment need to be upgraded to meet the requirement of 4. The Contractor would need to provide, install, interconnect, set to work, test the following and any other mission specific equipment and electronics. All CPU equipment shall be backed up by Uninterruptable Power Supplies (UPS).

One (1) **inertial control unit** GPS (2"x19"x14") 3 Kg weight, 120 V, 1.2 Amp;

Two (2) **GPS Zephyr antennas** (ray: 5 in Height: 5 "Weight: = 5Kg) Installed on top of vessels mast with a 2 M distance;

One (1) **IMU IP168** (ray: 104mm, Height 205mm) 15 Kg (submersible). Preferably installed on sonar support elements if installed on a mobile arm, if installed on hull needs to be on vessel pivot point;

One (1) **Velocity transducer** AML Microx oceanographic installed in hull or on mobile arm = 2 Kg, Length 2 cm ray 3 cm, 12 Volts; equipment used by Canada Hydrographic Service (HSC) is: Odim Brooke Ocean. Moving Vessels Profile MVP30,

One (1) **GPS receptor Proflex 800 + antenna ASH111661** installed on mast top, receptor (15cmx15cmx15cm) = Kg, Antenna (ray: 5 ", h 5", = Kg) 120 Volts, = Watts;

One (1) **UHF antenna** installed in central mast Length 2-3 M, ray: 2cm, = 10 Kg;

One (1) **Cellular Modem & antenna** (to be defined by current Standing Offer Agreement SOA);

One (1) **Sound profiler Base X** AML oceanographic (L:45 cm, ray 6 cm, 15-20 Kg, 120 Volt,) ;

One (1) **computer** (mouse & key board) Power user 7 rack mounts;

One (1) 19 "**Laptop** (Commercial proven standards);

Five (5) 21 “**High Definition monitor screens** (Commercial proven standards);

One (1) **Switch Ethernet**: Linksys Ethernet fast EF4116 or D-LINK DGS-108 Unmanaged (170 mm x 45 mm x 267 mm) = 2 Kg;

One (1) **Splitter video** (Commercial proven standards) to project in wheelhouse;

One (1) **printer 4 in 1** (Commercial proven standards) 120 Volts, = Kg (50 cm x 20 cm x 35 cm);

One (1) **UPS 2500W** (Marine type) current regulator in case of generator failure (rack mounted or not);

Two (2) **15U cabinets** to store all equipment from the acquisition and management room (2 x 18 Kg).

5.0 Operational Requirements

5.1 The required hull type shall provide a stable, efficient and relatively compact platform to enable the crew and the hydrographers, to execute safely and efficiently their primary mission.

5.2 The candidate vessel shall possess operational qualities conducive to hydrographic survey operations in particular with the following:

- a. stability characteristics
- b. crew comfort
- c. data gathering capabilities
- d. seaworthiness
- e. deck and cabin space in relatively compact and agile platform
- f. overall operating efficiencies
- g. Minimal operational cost in terms of fuel consumption

6.0 Information

6.1 You may call the Contracting Authority for any information on the above P & A. The Contracting Authority may also request your questions in writing at the e-mail address below.

7.0 Submission of Responses

Companies must submit their written response to this Price and Availability Request directly to:

Department of Public Works and Government Services

Defence and Major Projects

Marine Systems Directorate

6C2, Place du Portage, Phase III

11 Laurier Street

Gatineau, Quebec, K1A 0S5

Attention: Jeremy Langdon

Telephone: (819) 934-0255

Contracting Authority

Fax: (819) 956-7725

E-mail: Jeremy.Langdon@tpsgc-pwgsc.gc.ca

7.1 Written responses to this Price and Availability must be received in this office on or before close of business on October 31, 2014. This request is for information purposes only at this time and a Request for Proposal or Contract may not be issued as a result of this Price and Availability.

7.2 All communications during this Price and Availability period regarding this requirement must be directed to the Contracting Authority to ensure fair and transparent treatment of all suppliers.

Hyperlinks:

CCGS F.C.G. Smith: http://www.ccg-gcc.gc.ca/Fleet/Vessel?vessel_id=60

CCGS C.G. 03: http://www.ccg-gcc.gc.ca/Fleet/Vessel?vessel_id=63