



RETURN BIDS TO:

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**Bid Receiving - PWGSC / Réception des
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11 Laurier St. / 11, rue Laurier

Place du Portage, Phase III

Core 0B2 / Noyau 0B2

Gatineau

Quebec

K1A 0S5

Bid Fax: (819) 997-9776

LETTER OF INTEREST

LETTRE D'INTÉRÊT

Comments - Commentaires

Vendor/Firm Name and Address

Raison sociale et adresse du

fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

In-Service Support Marine / Soutien en Service Maritime

11 Laurier St. / 11, rue Laurier

Place du Portage, Phase III

6C2

Gatineau

Quebec

K1A 0S5

Title - Sujet Advancing Skimmer	
Solicitation No. - N° de l'invitation F7047-160032/A	Date 2017-03-10
Client Reference No. - N° de référence du client F7047-160032	GETS Ref. No. - N° de réf. de SEAG PW-\$ISM-025-26230
File No. - N° de dossier 025ism.F7047-160032	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-03-31	
Time Zone Fuseau horaire Eastern Daylight Saving Time EDT	
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Fox, Erin	Buyer Id - Id de l'acheteur 025ism
Telephone No. - N° de téléphone (613) 614-2383 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: See 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

Self-Propelled Advancing Skimmer Request for Information (RFI)

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1. Purpose:

The purpose of this Request for Information (RFI) is to request that interested companies provide feedback and recommendations by way of written response to the questions posed herein. The questions posed are regarding a potential solicitation for the provision of approximately five (5) Self-Propelled Advancing Skimmers under the Canadian Coast Guard's (CCG) Environmental Response Equipment (ERE) Program.

The objectives of this RFI are to:

- a) Provide Industry with general information on CCG's ERE Program;
- b) Provide Industry with general information on the potential scope of work, requirements, and provisions of a contract for approximately five (5) Self-Propelled Advancing Skimmers;
- c) Enable Canada to request information and input from Industry regarding the scope of work (please refer to section 8 of this RFI); and,
- d) Enable Canada to progress a potential solicitation for this work.

2. Background Information:

The Kitsilano Base Project is a distinct project to re-open the CCG Base for Search and Rescue (SAR) and ER operations. Through the national ERE Program, Canada will procure ER equipment for Kitsilano as well as all other CCG ER locations. Each location will have different needs based on the local geography, types of potential spills, and other situational conditions. Procurement strategies will vary based on the complexity of and circumstances of each requirement. The requirements include:

1. Skimmers (Stationary and Advancing Skimmers);
2. Boom (including Sweep Systems);
3. Contaminant Storage Equipment;
4. Dispersant and Burning Equipment;
5. Communications, Surveillance and Safety Equipment;
6. Pumps, Hoses, and Hydraulic Control Panels;
7. Generators;

8. Mobile Incident Command Posts;
9. Mobile Camps;
10. Trailers and Small Specialized Vehicles and Small Craft;
11. Cranes; and,
12. Other small purchases of miscellaneous equipment such as buoys, lighting, wildlife deterrents, etc.

A multifaceted strategy for the disposal of existing equipment will also need to be devised. Input regarding potential disposal strategies will be sought from industry in the coming months.

The move to a national strategy for the procurement of this equipment represents a significant change in how CCG operates. Industry will need to do business with Canada on a national level (e.g.: bidding on solicitations through BuyAndSell.gc.ca). For information on upcoming industry engagement sessions and to learn how to find and bid on Canada's ERE procurements, please visit the BuyAndSell.gc.ca website.

3. Potential Work Scope and Constraints:

A contract for the provision of Self-Propelled Advancing Skimmers and associated work may be entered into with a single organization as a result of a potential future solicitation. A description of the intended use of the Self-Propelled Advancing Skimmers, and a list of its high level mandatory requirements, are provided at section 8 of this RFI. The Work may include some or all of the following:

- Provision of approx. 5-10 Self-propelled Advancing Skimmers (including optional units);
- Testing and commissioning prior to acceptance;
- Training and Training Materials;
- Manuals and other Integrated Logistics Support;
- Provision of spares based on critical and recommended spares lists; and,
- Provision of repair and maintenance service for a predetermined period, plus optional periods.

4. Legislation, Trade Agreements, and Government Policies:

The following is indicative of some of the legislation, trade agreements and government policies that could impact any follow-on solicitation for an Advancing Skimmer:

- a) North American Free Trade Agreement (NAFTA), and World Trade Organization – Agreement on Government Procurement (WTO-AGP): may apply to any follow-on solicitation;
- b) Agreement on Internal Trade (AIT): will apply to any follow-on solicitation;
- c) Defence Production Act: will not apply to any follow-on solicitation;
- d) Industrial and Regional Benefits (IRBs): IRBs may apply to any follow-on solicitation;
- e) Controlled Goods Program (CGP): the CGP will not apply to any follow-on solicitation;
- f) Federal Contractors Program for Employment Equity (FCP-EE): the FCP-EE will apply to any follow-on solicitation; and,
- g) Comprehensive Land Claim Agreements (CLCAs): CLCAs may apply to any follow-on solicitation.

5. Schedule:

In providing responses, the following schedule should be utilized as a baseline:

- a) This RFI: March 2017
- b) Potential Solicitation (RFP): June ~ July 2017
- c) Potential Contract Award: September 2017

6. Important Notes to Respondents:

6.1 Submitting the Response:

Interested Respondents may submit their responses to the PWGSC Contracting Authority, identified below:

Erin Fox
Supply Team Leader
Environmental Response Equipment Program
200 Kent Street, office 7W119E
Ottawa, ON K1A 0E6
Tel: 613-614-2383
E-mail address: erin.fox@pwgsc-tpsgc.gc.ca

Canada prefers to receive responses by email (no more than 5MB). If the Respondent wishes to send their response on a USB stick by regular post, please send to Erin Fox, c/o Kristen Knapp.

6.2 Format of the Response:

Respondents are asked to provide their response to this RFI as a PDF document that is unprotected (no password required). Responses should include a cover page that includes: the RFI Solicitation number, the full legal name of the Respondent, and the date. Responses should also include a point of contact for the Respondent (name, address, telephone number and email). Respondents are requested to use a numbering system in their response that corresponds with the numbering system in Section 8 of this RFI.

6.3 Treatment of the Response:

Responses will not be formally evaluated. However, Canada may use the information in planning a potential solicitation for the Work described herein. Canada will review all responses received by the RFI closing date. Canada may, at its discretion, review responses received after the RFI closing date.

A review team composed of representatives of the Government of Canada will review the responses. Canada reserves the right to hire any independent consultant, or use any Government resource which it deems necessary to review any response. Not all members of the review team will necessarily review all responses.

Canada may, at its discretion, contact any Respondent to follow up with additional questions or for clarification of any aspect of a response. Canada may also publish further RFIs related to this initiative.

Responses will not be returned to the Respondents.

6.4 Other Important Notes:

Changes to this RFI may occur and will be advertised on the BuyAndSell.gc.ca website. Canada asks Respondents to visit BuyAndSell.gc.ca regularly to check for changes, if any.

This RFI is neither a call for tender nor a Request for Proposal (RFP). No agreement or contract will be entered into based on this RFI. The issuance of this RFI is not to be considered in any way a commitment by the Government of Canada, nor as authority to potential respondents to undertake any work that could be charged to Canada. This RFI is not to be considered as a commitment to issue a subsequent solicitation or award contract(s) for the work described herein.

Respondents are encouraged to identify, in the information they share with Canada, any information that they feel is proprietary, third party or personal information. Please note that Canada may be obligated by law (e.g. in response to a request under the Access of Information and Privacy Act) to disclose proprietary or commercially-sensitive information concerning a respondent (for more information: <http://laws-lois.justice.gc.ca/eng/acts/a-1/>).

Respondents are asked to identify if their response, or any part of their response, is subject to the Controlled Goods Regulations.

Participation in this RFI is encouraged, but is not mandatory. There will be no short-listing of potential suppliers for the purposes of undertaking any future work as a result of this RFI. Similarly, participation in this RFI is not a condition or prerequisite for the participation in any potential subsequent solicitation.

Respondents will not be reimbursed for any cost incurred by participating in this RFI.

7. Closing date for the LOI/RFI:

Responses to this RFI are to be submitted to the PWGSC Contracting Authority identified above, on or before March 31, 2017.

8. Information Requested:

CCG requires a Self-Propelled Advancing Skimmer System (hereafter referred to as the "System") for oil spill recovery operations. This System will consist of a small craft with an integrated skimming module; it will be used in sheltered waters (such as bays and harbours) to recover spilled oil ranging in viscosity from diesel to heavy fuel oil. During emergency response situations, the System will be rapidly deployed and function without logistical support (e.g., external skimmers, pumps, or storage tanks) for prolonged periods of time. If required, the System may be transported to the spill location via small and remote roads. The System will also be used by CCG personnel year round, in air temperatures ranging from -40 degrees to +40 degrees Celsius (°C).

At a minimum, the System must satisfy the following requirements [R]:

- [R1] The System must have a nominal length no greater than 10.7 metres (m).
- [R2] The System must conform to all pertinent requirements prescribed in the following documents:
 - o Canada Shipping Act, 2001;
 - o Small Vessel Regulations, SOR/2010-91
 - o Marine Personnel Regulations, SOR/2007-115; and
 - o Construction Standards for Small Vessels, 2010, TP 1332.
- [R3] The System must be self-propelled.
- [R4] The System must employ a robust oleophilic mechanism to recover oil.

- [R5] The System must have the onboard capacity to store and offload recovered oil.
- [R6] The System must have a nominal draft less than 1.7 m when fully loaded with personnel and recovered oil.
- [R7] The System must be operable with a minimum of two (2) personnel.
- [R8] The System must have a pilothouse to protect the pilot and house the communication and navigation equipment.
- [R9] The System must be transportable using a conventional pickup truck and trailer, and without escort vehicle accompaniment.

CCG would like to engage industry to determine what possible solutions exist in regards to the above stated preliminary requirements. Respondents are asked to provide complete and detailed information on the points [P], below. While not an exhaustive list, Respondents may use any combination of supporting text, conceptual or production drawings, or test results to address these points and fully explain their System. Note that responses referring solely to marketing material will not be particularly useful for the intent of this request.

For each System:

- [P1] State whether the System is a commercial off-the-shelf (COTS) product or a custom-built product. If the System constitutes a hybrid of COTS and custom components, provide a list of the key COTS components.
- [P2] List each unique user (i.e., governmental or industrial) of the System.
- [P3] Specify the quantity of Systems that have been sold to date.
- [P4] Describe the major oil response event(s) that the System has been deployed in. While not an exhaustive list, provide information related to the type(s) and quantity of product that was collected, and the operational (or environmental) conditions during the event(s).
- [P5] Specify the nominal length and beam of the System.
- [P6] Specify the draft of the System, both empty and fully loaded.
- [P7] Specify the displacement (or gross tonnage) of the System, both empty and fully loaded.
- [P8] Describe the hull construction and material(s) of construction of the System.
- [P9] Specify the maximum transit speed of the System, both empty and fully loaded.
- [P10] Describe how the System is propelled in the water. While not an exhaustive list, provide information related to the propulsive mechanical arrangement, rated nominal power output, minimum idling speed, fuel type, and fuel capacity.
- [P11] Describe the range of environmental conditions that the System was designed to operate under (e.g., air temperature, water temperature, wave height, and exposure to ice and debris).
- [P12] Describe how the System recovers oil. While not an exhaustive list, provide information related to the construction of the oil recovery mechanism and the type of skimmer(s) employed.
- [P13] Specify the measured nameplate oil recovery rate and efficiency of the System.
- [P14] Describe the test conditions (e.g., oil type, water conditions, skimming speed) and procedure (e.g., ASTM F2709-15) that were used to determine the nameplate oil recovery rate of the System.
- [P15] Provide an estimate for the minimum and maximum speeds at which the System can effectively recover oil.

- [P16] Specify the internal onboard recovered oil storage capacity of the System.
- [P17] Describe how recovered oil is offloaded from the System. While not exhaustive list, provide information related to the quantity and type of pump(s), as well as the normal and maximum offload rate(s).
- [P18] Describe what other industry standards, certifications, or measurements are applicable to the System.
- [P19] Specify the maximum number of personnel that the System can carry.
- [P20] Describe how the System is compatible (or easily integrated) with other emergency response equipment (e.g., containment boom).
- [P21] Describe the construction of the pilothouse.
- [P22] Specify what communication equipment is fitted to the System.
- [P23] Specify whether a towing trailer is included with the purchase of a System.
 - If so, specify the total length, width, height, and gross weight of the trailer when loaded with the System.
- [P24] Provide a rough estimate as to how quickly the System can be deployed into the water (from land).
- [P25] Provide a rough estimate as to how long the System can continuously operate without the need to refuel or offload recovered oil.
- [P26] Provide a rough cost estimate for the System.
- [P27] Provide a typical delivery lead time for the System.
- [P28] Provide the recommended preventive maintenance schedule for the System.
- [P29] Describe the training required to operate and maintain the System. Indicate whether such training is provided as part of the purchase price.
- [P30] Provide any further information the Respondent believes Canada should consider in its plans for a potential follow-on solicitation for a Self-Propelled Advancing Skimmer.