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Bid Receiving - PWGSC / Réception des
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Gatineau
Quebec
K1A0S5
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
Marine Emergency Response Division/Division des
Interventions en cas d'urgence maritime
Centennial Towers 7th Floor - 7W11
200 Kent Street
Ottawa
Ontario
K1A0S5

Title - Sujet EREP- Sweep Systems (Med & Large)	
Solicitation No. - N° de l'invitation F7047-190148/A	Date 2020-05-05
Client Reference No. - N° de référence du client F7047-190148	GETS Ref. No. - N° de réf. de SEAG PW-\$ERD-010-27754
File No. - N° de dossier 010erd.F7047-190148	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2020-05-21	
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: Cormier, Jessica	Buyer Id - Id de l'acheteur 010erd
Telephone No. - N° de téléphone (343) 543-7594 ()	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

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	

Medium and Large Sweep Systems Request for Information (RFI)

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1. Purpose:

The Canadian Coast Guard (CCG) has a requirement for commercially available Medium and Large High Speed Sweep Systems with two different storage footprints, which will be used for oil collection, and temporary containment during oil recovery operations while trailing on either side of a vessels bow.

The purpose of this Request for Information (RFI) is to request that interested companies provide feedback and recommendations regarding the requirement as well as to answer the related questions in Annex B.

The objectives of this RFI are to:

- a) Provide Industry with general information on the potential scope of work, requirements, and provisions of a potential contract or contracts for medium and large high speed sweep systems;
- b) Enable Canada to request information and input from industry regarding the scope of work (please refer to Annexes A and B of this RFI); and
- c) Enable Canada to progress to potential solicitations for this work.

2. Background Information:

The Environmental Response Equipment Modernization (ERE) Project for the Canadian Coast Guard (CCG) forms part of the Oceans Protection Plan announced in November 2016. Under the ERE Program, CCG is renewing its suite of environmental response (ER) equipment, ensuring a robust and strategic

national response capability. The ERE Program is modernizing ER equipment with new technology for strategic ER locations across Canada. Several unique procurements for different types of equipment, including Integrated Logistics Support (ILS) documentation, may be required. Several of these procurements have been completed or are in progress.

To learn how to find and bid on CCG's ERE procurements, please visit the BuyAndSell.gc.ca website. All notices (RFPs, RFIs, etc.) related to the ERE Project will have titles that begin with "EREP:" in order to be easily identified.

3. Potential Work Scope and Constraints:

A contract, or multiple contracts, for the provision of medium and large high speed sweep systems and associated work may be entered into with a single organization or multiple organizations as a result of a potential future solicitation or potential future solicitations. A description of the intended use of the high speed sweep systems is provided in Annex A of the RFI. The Work may include some or all of the following:

- Provision of approximately seven (7) systems, as well as the provision of up to 20 optional quantities ;
- Provision of training and training materials (safety, operational, and life cycle management);
- Provision of manuals and other Integrated Logistics Support documents;
- Provision of spares;
- All systems to be manufactured and delivered to multiple locations across Canada by **late summer, early fall 2021.**

4. Legislation, Trade Agreements, and Government Policies:

The following list is indicative of some of the legislation, trade agreements, and government policies that could impact any follow-on solicitation for medium and large high speed sweep systems:

- a) North American Free Trade Agreement (NAFTA), World Trade Organization – Agreement on Government Procurement (WTO-AGP), Canada Free Trade Agreement (CFTA), Canada-European Union Comprehensive Economic and Trade Agreement (CETA) and the Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP) may apply to follow-on solicitations;
- b) Defence Production Act: will not apply to follow-on solicitations;
- c) Industrial and Technological Benefits (ITBs): ITBs will not apply to follow-on solicitations;
- d) Controlled Goods Program (CGP): the CGP may not apply to follow-on solicitations;
- e) Federal Contractors Program for Employment Equity (FCP-EE): the FCP-EE will apply to follow-on solicitations; and,
- f) Comprehensive Land Claim Agreements (CLCAs): CLCAs may apply to follow-on solicitations.

5. Schedule:

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

- a) This RFI: May 2020
- b) Potential Solicitation(s): July 2020
- c) Potential Contract Award(s): October 2020

6. Important Notes to Respondents:

6.1 Submitting the Response:

Interested respondents may submit their responses to the PSPC Contracting Authority identified in section 8 below. Canada requests that responses be provided by email (no more than 5MB).

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 Annex B 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.

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 as a result of 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 to Information 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 RFI:

Responses to this RFI are to be submitted to the PWGSC Contracting Authority identified above, on or before May 21, 2020 at 2:00pm EST.

8. PSPC Contracting Authority

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Marine Navigation and Remediation Division
Public Services and Procurement Canada
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ANNEX A

HIGH LEVEL REQUIREMENTS

The Canadian Coast Guard (CCG) may be acquiring commercially available High Speed Sweep Systems with two different storage footprints (medium and large), and is seeking information on systems that can operate in Beaufort Force 4 conditions with various oil pumping capabilities. CCG may acquire High Speed Sweep Systems which fall within one or both storage footprints depending on the information provided in response to this RFI. The High Speed Sweep Systems will be used for oil collection, and temporary containment during oil recovery operations while trailing on either side of a vessels bow. The High Speed Sweep Systems must be stored on hydraulic reels that enable efficient and quick deployment and retrieval. Depending on size the systems will include a pumping system that transfers the oil held in the temporary oil containment chamber to either a tank or the deployment vessel. The Sweep Systems will either be stored on the deck of a vessel or at a location close to water, such as a dock, where it can be readily deployed.

At a minimum, the High Speed Sweep Systems must satisfy the following requirements, [R]:

- [R1] Collect oil with a throughput efficiency of 50% or greater when travelling at a speed of 3 knots or greater.
- [R2] Capable of operating in Beaufort Force 4 conditions.
- [R3] Capable of operating through the use of two tow vessels and through the use of one tow vessel and a supplementary tow system.
- [R4] Stored in 10' or 20' ISO containers
- [R5] Stored on hydraulic reels to enable quick deployment and retrieval.

The High Speed Sweep Systems must have the following features:

- [R6] Constructed of durable materials that resist tearing. The material must also be ultraviolet (UV) light and mold resistant.
- [R7] Retain buoyancy, shape and functionality if a section of the system becomes compromised.
- [R8] Be equipped with a diesel hydraulic power unit (HPU) to power the boom reel, and oil pumping system (if applicable).
- [R9] Be equipped with a mechanism that halts boom reel rotation in the event the HPU loses power or the reel loses hydraulic power.
- [R10] An oil containment chamber or other area to temporarily hold collected oil that reduces the water content in the chamber.
- [R11] High visibility color.

[R12] Not require any manual operations or adjustments to change speed or collect different types of oil.

ANNEX B

REQUESTED INFORMATION

Operation

CCG is seeking to determine the operational limits of the various sizes of sweep systems

- Q1.** What would be the highest sea state (Beaufort) conditions in which Sweep Systems of various sizes would remain relatively efficient (throughput efficiency > 60%)?
- Q2.** What is the highest speed at which Sweep Systems of various sizes would remain relatively efficient (throughput efficiency > 60%)?
- Q3.** In typical operations, how long would it take to fill variously sized temporary oil collection chambers?

Size

CCG is seeking to determine how the overall dimensions and features on the sweep systems can affect maneuverability, storage footprint, and operational use.

- Q4.** Which dimensions or features on the Sweep Systems affect maneuverability or turn radius the greatest?
- Q5.** What is the largest sized Sweep System complete with all applicable components that could be stored in a single 10' ISO container?
- Q6.** What turning radius would one vessel towing Sweep Systems of various sizes with a tow system have?
- Q7.** What turning radius would two vessels towing variously sized sweep systems have?
- Q8.** What are the various storage footprints and weights for Sweep Systems of various sizes with oil pumping systems?

Towing

CCG is seeking to determine what vessel characteristics are required to tow Sweep Systems of various sizes with and without a tow system.

- Q9.** What kind of drag force do Sweep Systems of various sizes impart on their tow vessel at their highest operating speed?
- Q10.** What are the minimum vessel characteristics (e.g. size, draught, power, number of propellers etc.) necessary to tow the Sweep Systems of various sizes with a tow system?
- Q11.** What are the minimum vessel characteristics (e.g. size, draught, power, number of propellers etc.) necessary to tow the Sweep Systems of various sizes with a second vessel?

Request for Information No./
N° de demande d'information
F7047-190148/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur
010erd

Client Ref. No. - N° de réf. du client
F7047-190148

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME

General Feedback

- Q11.** Please provide any further information you believe Canada should consider in its plans for a potential High Speed Sweep Systems.