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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:Skid Mounted 6" Trash Pump EREPE:Skid Mounted 6" Trash Pump | |
| Solicitation No. - N° de l'invitation F7047-220004/A | Date 2022-07-21 |
| Client Reference No. - N° de référence du client F7047-220004 | GETS Ref. No. - N° de réf. de SEAG PW-\$ERD-005-28750 |
| File No. - N° de dossier 005erd.F7047-220004 | CCC No./N° CCC - FMS No./N° VME |
| Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Daylight Saving Time EDT on - le 2022-08-08 Heure Avancée de l'Est HAE | |
| 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: Richards, Shazia | Buyer Id - Id de l'acheteur 005erd |
| Telephone No. - N° de téléphone (343) 553-2046 () | 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 - Voir ci-inclus | 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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Skid Mounted 6" Trash Pump Request for Information (RFI)

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1. Purpose:

The Canadian Coast Guard (CCG) may be acquiring Skid Mounted 6" Trash Pumps for dewatering applications during oil spill response operations. The water may contain debris up to 3" and minimal amounts of hydrocarbons, and would be pumped at low pressure and high volume. The purpose of this Request for Information (RFI) is to request that interested companies provide feedback and recommendations regarding the requirement as described in Annex A 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 for Skid Mounted 6" Trash Pumps;
- 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 (EREM) Project for the Canadian Coast Guard (CCG) forms part of the Oceans Protection Plan announced in November 2016. Under the ERE Project, CCG is renewing its suite of environmental response (ER) equipment, ensuring a robust and strategic national response capability. The EREM Program is modernizing ER equipment with new technology for

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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 EREM procurements, please visit the BuyAndSell.gc.ca website. All notices (RFPs, RFIs, etc.) related to the EREM Project will have titles that begin with "EREP:" in order to be easily identified.

3. Potential Work Scope and Constraints:

A description of the intended use of the Skid Mounted 6" Trash Pumps is provided in Annex A of the RFI. The Work may include some or all of the following:

- Provision of up to five (5) Skid Mounted 6" Trash Pumps;
- Provision of project and technical documentation;
- Provision of spare parts; and
- Delivery of all units by March 2024.

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 Skid Mounted 6" Trash Pumps:

- a) 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 may 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: July 2022
- b) Potential Solicitation(s): September 2022
- c) Potential Contract Award(s): December 2022

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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

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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://lawslois.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 below, on or before August 8, 2022 at 2:00pm EDT.

8. PSPC Contracting Authority

Shazia K. Richards
Supply Team Leader
Marine Navigation and Remediation Division
Public Services and Procurement Canada
Shazia.Richards@pwgsc-tpsgc.gc.ca
343-553-2046

ANNEX A

HIGH LEVEL REQUIREMENTS

The Canadian Coast Guard (CCG) may be acquiring skid mounted 6" Trash Pumps for dewatering applications during oil spill response operations. The water may contain debris up to 3" and minimal amounts of hydrocarbons, and would be pumped at low pressure and high volume. This request for information (RFI) is seeking technical feedback, Rough Order Magnitude cost, and availability regarding the 6" Trash Pumps described in Appendix A: 6" Trash Pump Technical Requirements.

Please provide any comments, suggestions, or concerns regarding any of the requirements below within Appendix A in the "Vendor Feedback" column on the right. CCG would like to know whether these requirements are reasonably achievable by commercial off-the-shelf products with minimal (if any) customization. Therefore, please indicate any requirements that are confusing, or would be difficult to meet. Following Appendix A, there are a few questions that we ask you to answer to the best of your ability.

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If you feel CCG has missed any requirements that should have been included for a procurement such as this, please identify them in your answer to the final question below.

Appendix A: 6" Trash Pump Technical Requirements

| ID | Requirement | Vendor Feedback |
|---------------------------------|--|-----------------|
| A.0 Pumping Requirements | | |
| A.1 | The Pump must be capable of transferring water at a minimum volumetric flow rate of at least 400 US gallons per minute (GPM) while operating with a minimum dynamic suction lift of at least 25 ft. over a maximum length of up to 100 ft. of suction hose, and a dynamic discharge head of at least 100 ft. over a maximum length of up to 200 ft. of discharge hose. | |
| A.2 | The Pump must have suction and discharge ports both being 6 in. diameter that are compatible with Camlock fittings. | |
| A.3 | The Pump must have a 6 in. male Camlock fitting on the suction port and a 6 in. female Camlock fitting on the discharge port in accordance with A-A-59326 Commercial Item Description Coupling Halves, Quick-Disconnect, Cam-Locking Type. | |
| A.4 | The Pump must be capable of transferring water containing debris up to a maximum size of 3 in. diameter. | |
| A.5 | The Pump must be self-priming. | |
| A.6 | The Pump must be constructed of corrosion-resistant materials suitable for operating within a marine environment and pumping salt water. | |
| A.7 | The Pump must be capable of pumping liquids within a temperature range from -2°C to +30°C. | |

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| A.8 | The System must be able to withstand storage in ambient temperatures ranging from -40°C to +60°C. | |
| B.0 System Design Requirements | | |
| B.1 | The System must avoid direct contact between dissimilar metals expected to cause galvanic corrosion. If such contact cannot be avoided, an insulating material must be installed between the dissimilar metals to minimize the corrosive effect. The Contractor may propose alternate methods to minimize galvanic corrosion for consideration by Canada. | |
| B.2 | The System must be firmly affixed to a metal skid. No part of the System should overhang outside the outer perimeter of the skid. The System must not have any sharp corners or edges which could potentially cause injury or damage to a person or object that could come in contact with any part of the System. | |
| B.3 | The System must include a single lifting point certified to lift the fully loaded System. Certification must be provided by a Professional Engineer licensed to practice Engineering in Canada. | |
| B.4 | The System must be able to be safely transported via forklift. | |
| B.5 | The Pump must have a drain to allow residual water within the pump to exit after operation. | |
| B.6 | The Pump must include an easily replaceable wear plate that would absorb the impact of sticks, stones, and other debris before they would enter the impeller. | |
| B.7 | The Pump must be easy to disassemble for cleaning and maintenance. If any special tool is required to perform maintenance, it must be provided with the System. | |
| B.8 | The System must be able to be tied down securely during transportation. | |

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| B.9 | The System must be designed to dampen vibrations during operation wherever possible to reduce wear and tear on the system. | |
| C.0 Engine Requirements | | |
| C.1 | The Pump must be powered by a diesel engine that is compliant with Tier 4 emission standards as described in SOR/2005-32, Off Road Compression Ignition Engine Emission Regulations. | |
| C.2 | The System must have a minimum operational run time of at least 12 hours while operating at a minimum of 50% load without requiring to refuel. | |
| C.3 | The Engine must have an electric start. | |
| C.4 | The Engine must have an hour-meter to track total hours of operation. | |
| C.5 | The Engine must include monitoring, alarming, and shutdown capabilities, including at a minimum oil pressure and temperature, to avoid damage and prevent injury to operators. | |
| C.6 | The Engine must be equipped with an automatic positive air shutoff mechanism that closes the air intake to prevent over-revving and explosions. | |
| C.7 | The Engine must include a spark-arresting exhaust system that is listed as a qualified spark arrester within the Spark Arrester Guide — Multi-position Small Engine (MSE) Volume 2. Note: A searchable database can be found at the following web link: https://www.fs.fed.us/t-d/programs/fire/spark/otc_sch.php | |
| C.8 | The System must include a cold weather start kit, such as glow plugs, to ensure the Engine can start and operate in ambient | |

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| | temperatures between -15°C to +35°C. | |
| C.9 | The System must include a clearly marked and easily accessible red emergency stop. | |
| D.0 Hose Requirements | | |
| Note: Within the Request for Proposal (RFP) that may follow this RFI, the following section, D.0 Hose Requirements, may be included as a <i>purchasing option</i> . The vendor does not necessarily need to be able to fulfil these requirements in order to be compliant during the procurement process. | | |
| D.1 | The System must include 100 ft. of 6 in. inner diameter heavy-duty, oil resistant suction hose with a strainer and foot valve. The hose must be divided into 25 ft. segments with 6 in. male and female Camlock fittings at opposite ends of the hose. | |
| D.2 | The System must include 200 ft. of 6 in. inner diameter heavy-duty, oil resistant discharge hose. The hose must be divided into 25 ft. segments with 6 in. male and female Camlock fittings at opposite ends of the hose. | |
| D.3 | Each Suction and Discharge hose must be supplied with the following coupling halves as described below in accordance with A-A-59326 Commercial Item Description Coupling Halves, Quick-Disconnect, Cam-Locking Type: 1. One, Type IX, Class SS, Style 1 coupling half (i.e., dust cap coupling half); and 2. One, Type X, Class SS, Style 1 coupling half (i.e., dust plug coupling half). | |
| D.4 | The Suction and Discharge hoses must be thick-walled hoses with an imbedded electrostatic discharge wire to prevent accumulation of static electricity. | |
| D.5 | The electrostatic discharge wire of each Suction and Discharge hose must be directly connected to the male and female Camlock coupling halves located on either end of each hose. | |

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| D.6 | The Suction and Discharge hoses must have a minimum rated working pressure which exceeds the maximum rated output pressure of the Pump. Each Suction and Discharge hose assembly, including connections, must be static pressure tested at 2.0 times its rated working pressure for a minimum of 2 hours to confirm no leakage. | |
| E.0 Label Plates and Product Identifiers | | |
| E.1 | The System must include label plates to identify each control, switch, gauge, display, as well as safe working limits, operating capacities, and system weight. | |
| E.2 | Label plates must be written in Canadian English and French. | |
| E.3 | The System must indicate all hazards in Canadian English and French using warning labels or clear graphical symbols. ISO 7010, Graphical Symbols – Safety Colors and Safety Signs – Registered Safety Signs, is preferred. | |
| E.4 | The Pump must include all safety and hazardous warning labels in accordance with ISO 3864 -1:2011, Safety Colors and Safety Signs. | |
| E.5 | The System must have a noise warning label if the system sound pressure level is greater than 87 dBA, in accordance with Canada Occupational Health and Safety Regulations – Levels of Sound, Part VII - IPG-074. | |
| E.6 | The System must include Unique Identifiers on each primary equipment (e.g. diesel engine, pump, etc.). These Identifiers may be the Original Equipment Manufacturer (OEM) serial number or alternatively an industry standard unique identifier. | |
| E.7 | Each Unique Identifier must be clearly marked in a visible location on the equipment. | |

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ANNEX B

REQUESTED INFORMATION

| | | |
|---|-----------------|---|
| 1 | Question | <i>Reference – Section D.0 Hose Requirements:</i> Do you normally sell suction and discharge hoses, like those described in this section, in tandem with your trash pump systems? |
| | Response | |
| 2 | Question | What is the estimated Rough Order Magnitude cost for a system as described by the requirements listed above? Please provide your estimate for both the system <i>including</i> and <i>excluding</i> the suction and discharge hoses as described in <i>Section D.0</i> above. |
| | Response | |
| 3 | Question | What recommendations, suggestions, or concerns would you like to bring to the attention of CCG? |
| | Response | |