



**RETURN BIDS TO:**

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K1A0S5

Bid Fax: (819) 997-9776

**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**

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

<b>Title - Sujet</b> EREP: Hard Shell Barges	
<b>Solicitation No. - N° de l'invitation</b> F7047-170070/B	<b>Amendment No. - N° modif.</b> 012
<b>Client Reference No. - N° de référence du client</b> F7047-170070	<b>Date</b> 2020-06-19
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$ERD-010-27735	
<b>File No. - N° de dossier</b> 010erd.F7047-170070	<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 2020-07-07</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Daylight Saving Time EDT
<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> Cormier, Jessica	<b>Buyer Id - Id de l'acheteur</b> 010erd
<b>Telephone No. - N° de téléphone</b> (343) 543-7594 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<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>

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## Amendment 012

This amendment is raised to:

1. Extend the bid closing date;
  2. Answer questions that were received from Industry;
  3. Amend Part 6 – Resulting Contract Clauses;
  4. Amend Annex B – Technical Statement of Requirements; and
  5. Amend Annex 1 to Part 4 – Technical Bid Evaluation Plan.
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### 1. EXTEND BID CLOSING DATE

The solicitation closing date has been extended to **July 7, 2020**

### 2. QUESTIONS AND ANSWERS

**QUESTION 1:** For Mandatory Requirement M6, Method of Compliance M6 (i), “the Bid must include a conceptual design drawing package for the proposed Barge Package.”

Can you indicate which drawings exactly are required at the bid submission stage?

**ANSWER 1:** The drawings required at the bid submission stage are as per methods of compliance M6 (ii) through M6 (vi).

**QUESTION 2:** In TSOR item 4.1.1.1, it is required that the Barge Package must be fully operational in “ambient air temperatures ranging from -40 degrees Celsius (°C) to +40°C”. Can you confirm if the barges should therefore have an ice class? If yes, which ice class would be required?

**ANSWER 2:** The barges will not be deployed in ice; therefore they will not have an ice class. To reflect this, the ambient air temperature range in the TSOR has been amended (see below 1. Modify Annex B – Technical Statement of Requirements).

**QUESTION 3:** Regarding the speed of the barge, has Canada already analysed the feasibility of achieving the speeds required?

In the case that it is not possible to achieve the speeds required, should bidders indicate somewhere in the bid that this requirement cannot be met? Would this make the bid non-compliant (non-responsive)?

**ANSWER 3:** Canada has confirmed the feasibility of achieving the speeds required through the previous Request for Information, F7047-170070/A.

Bidders must respond to the bid solicitation as per Standard Instructions - Goods or Services - Competitive Requirements, including 21 (2016-04-04) Code of Conduct for Procurement—bid. Additionally, as per Section 2.1 of the Request for Proposal, “Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract(s).”

**QUESTION 4:** With regard to 6.7.7, can you confirm that the receipt of material, engineering, and the various construction milestones that will be indicated in the Contractor’s schedule may be considered as payment milestones, in accordance with the milestone schedule that the Contractor will provide at contract award?

**ANSWER 4:** 6.7.7 applies only to Task Authorizations. The Method of Payment for completion and delivery of unit(s) detailed in Schedule A is Multiple Payments – Subject to Holdback, as per 6.7.6.

**QUESTION 5:** Mandatory Requirement M4(ii) requires that copies of invoices be provided for completed contracts. If a contractor does not wish to disclose contract costs as this information is considered confidential, could the contractor demonstrate in some other way that the value of the referenced contract meets the requirement without providing the invoice?

**ANSWER 5:** Mandatory Requirement M4 has been amended to allow a bill of sale or an invoice (see below 5. Modify Annex 1 to Part 4 – Technical Bid Evaluation Plan). Mandatory requirements must be met as described in the corresponding method(s) of compliance. Note that as per Standard Instructions - Goods or Services - Competitive Requirements 05 (2018-05-22) Submission of bids:

“Bids received on or before the stipulated bid solicitation closing date and time will become the property of Canada and will not be returned. All bids will be treated as confidential, subject to the provisions of the Access to Information Act ( R.S. 1985, c. A-1) and the Privacy Act ( R.S., 1985, c. P-21).”

**QUESTION 6:** Would it be possible to separate the engineering costs for each of the 4 groupings so that the cost of manufacturing the barges can be provided independent of the engineering cost?

**ANSWER 6:** No, engineering costs will not be separated from manufacturing costs. Manufacturing and engineering costs must be included in the price provided for each grouping as per Schedule A Basis of Payment.

**QUESTION 7:** With reference to TSOR item 3.1 b), can you define “any other hardware components required to tow the barge by a tow vessel, excluding a primary towline”?

**ANSWER 7:** It is up to the contractor to determine and provide whatever hardware, excluding a primary towline, is required to achieve the towing requirements in TSOR section 4.5 Barge Towing. At a minimum the barge must be provided with bridles, as per TSOR 3.1 b).

**QUESTION 8:** With reference to TSOR item 4.7.1.1, can you clarify “filling and discharge hose connections must be oriented towards the bow to allow connection to the filling and discharge manifolds located on the deck near the aft end of the barge” ?

**ANSWER 8:** As per requirement 4.7.1.1, the filling and discharge manifolds must be located near the aft end of the barge, with the connections oriented towards the bow.

**QUESTION 9:** With reference to TSOR item 4.10.1.3, can you define what reflective marks are required, and in what locations?

**ANSWER 9:** It is up to the contractor to place reflective markings on the barges that will satisfy Canadian federal Collision Regulations (CRC., c. 1416).

**QUESTION 10:** With reference to TSOR item 4.11.2, can you describe what the product identifier should be made of, how large it should be, and how it should be affixed to the barge? E.g. should the product identifier be welded letters and numbers, 8” tall by ½” plate, etc.?

**ANSWER 10:** The product identifiers must meet all requirements in TSOR 4.11.1 and 4.11.2.

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**QUESTION 11:** With reference to Appendix A of Annex B TSOR item A.3, can you confirm what is meant by the number of examinations  $1.00 \times (L+B+D)$ ?

**ANSWER 11:** As described in Appendix A, the number of required weld inspections of both penetrant testing and radiographic testing will be dependent on the overall length of the barge [L], the greatest moulded breadth [B] and the moulded depth at the side measured at L/2 [D]. In this case all units should be meters. The number of penetrant tests required is equal to  $0.5(L+B+D)$ , while the number of radiographic tests required is equal to  $(L+B+D)$ .

**QUESTION 12:** Regarding 6.4.3 : It is noted that the delivery point Saanichton BC does not appear to be within the Maa-nulth Land Claim area. Please explain the obligations with respect to this agreement that may be imposed upon a Contractor that is not located or performing any contract work within this land claims area? Alternatively, please advise whether the clause is intended to apply to Task Authorizations only where work may occur in the land claims area?

**ANSWER 12:** The Maa-nulth First Nation Final Agreement does not contain any procurement specific obligation related to this procurement and therefore there will be no obligations imposed upon a Contractor.

**QUESTION 13:** Regarding 6.13.2 and 6.13.3 : It is noted that the Contract is for the design, manufacture and certification of barges. Upon completion, the barges will be handed over to Canada and the Contractor will not have any involvement in their use or operation. The two type of insurance requested, Marine Liability and Marine Hull, are normally required of vessel operators and not the vessel manufacturer. Please consider instead, replacing these two types of insurance with a requirement that the Contractor obtain or maintain "Marine Builder's Risk" Insurance. A Marine Builder's Risk or Hull Builder's Risk insurance policy is designed to cover a vessel and related property and materials from the start of construction through the final delivery to the customer. Coverage can be placed for the builder or owner of the vessel and insures against physical loss or damage to the vessel and collision liability and protection and indemnity exposures during sea trials and delivery.

**ANSWER 13:** Articles 6.13.2 (Marine Liability Insurance) and 6.13.3 (Marine Hull Insurance) will remain as they are. Supplemental General Conditions 1028 (Ship Construction – Firm Price) is being added to the resulting contract clauses (see below 3. Modify Part 6 – Resulting Contract Clauses).

**QUESTION 14:** With reference to TSOR item 4.2.7.1:

"In lieu of the Canadian Standards specified, certification to the same elements in ISO 3834-2:2005, Quality Requirements for Fusion Welding of Metallic Materials will be considered equivalent, if performed by an International Institute of Welding Authorized Nominated Body for Company Certification (IIW-ANBCC). If following ISO 3834-2:2005, the company must retain the services of a registered professional welding engineer responsible for welding-related activities."

When reading this item, the welding engineer is only required if ISO 3834-2:2005 is used, not CSA W47.2-11 (R2015).

However, in the Mandatory Criteria table, M5 (iv) and M5 (v) require a welding engineer.

Is a welding engineer mandatory or not if the CSA CWB standard is used?

**ANSWER 14:** Certification to CSA 47.2-11 Division 1 or 2 requires a welding engineer as per clause 5.2 of the standard. Therefore, a welding engineer is required regardless of which welding standard is used.

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**QUESTION 15:** Regarding Amendment 006, Answer 13: Bidders may provide a bid for all groupings. Without knowing what groupings they may be selected for, will bidders be able to specify in their bids a limit in the number of groupings that may be awarded to that Bidder in the event they do not have capacity to build more than a certain number of groupings?

**ANSWER 15:** No, bidders may not specify a limit to the number of groupings that may be awarded to them. Bidders should only bid on work they have the capacity to complete given that as per Section 2.1 of the Request for Proposal, "Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract(s)."

### 3. MODIFY PART 6 – RESULTING CONTRACT CLAUSES

At article 6.2.2 Supplemental General Conditions

**INSERT:**

1028 (2010/08/16) Ship Construction – Firm Price, apply to and form part of the Contract.

### 4. MODIFY ANNEX B – TECHNICAL STATEMENT OF REQUIREMENTS

At Annex B – Technical Statement of Requirements

**DELETE:** Article 4.1.1.1. a) in its entirety

**INSERT:** Article 4.1.1.1. a) as follows:

a) Ambient air temperatures ranging from –15 degrees Celsius (°C) to +35 °C;

### 5. MODIFY ANNEX 1 TO PART 4 – TECHNICAL BID EVALUATION PLAN

At Annex 1 to Part 4 – Technical Bid Evaluation Plan

**DELETE:** Appendix A, Mandatory Criteria, Part 2 of 2 in its entirety

**INSERT:** Appendix A, Mandatory Criteria, Part 2 of 2 as follows

APPENDIX A MANDATORY CRITERIA – PART 2 OF 2

Item No.	Mandatory Requirement	Contract Reference	Item No.	Method of Compliance	Compliant (Y/N)?	Initials	Bid Cross-Reference
M3	Within a period of two (2) years in the last five (5) years, the entity or entities who will manufacture the barges must have delivered barges and/or vessels totaling an invoiced amount of at least \$2,000,000 CAD.	Proven Capacity and Experience	M3 (i)	The Bid must include copies of invoices, issued by the entity or entities who will manufacture the barges, for a total of at least \$2,000,000 CAD of barges and/or vessels.			
			M3 (ii)	The date stated on each invoice provided as per M3 (i) must fall within the same two year (i.e. consecutive 24 month) period in the last five (5) years.			

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Item No.	Mandatory Requirement	Contract Reference	Item No.	Method of Compliance	Compliant (Y/N)?	Initials	Bid Cross-Reference
M4	<p>Within a period of two (2) years in the last five (5) years, the entity or entities who will manufacture the barges must have delivered either:</p> <p>A total of 5 aluminum hulled barges and/or aluminum hulled commercial vessels</p> <p><b>OR</b></p> <p>Aluminum hulled barges and/or aluminum hulled commercial vessels totalling an invoiced amount of at least \$1,000,000.00 CAD.</p> <p>At least one of the aluminum hulled barges and/or aluminum hulled commercial vessels must have complied with the requirements of Transport Canada.</p>	Proven Capacity and Experience	M4 (i)	The Bid must list each entity that will manufacture the Barge Packages.			
			M4 (ii)	<p>The Bid must include copies of invoices or bills of sale, issued by the entity or entities identified in M4 (i), for either:</p> <p>A total of 5 aluminum hulled barges and/or aluminum hulled commercial vessels</p> <p><b>OR</b></p> <p>Aluminum hulled barges and/or aluminum hulled commercial vessels totalling an invoiced amount of at least \$1,000,000.00 CAD.</p>			
			M4 (iii)	The date stated on each invoice or bill of sale provided as per M4 (ii) must fall within the same two year (i.e. consecutive 24 month) period in the last five (5) years.			
			M4 (iv)	<p><b>For at least one</b> of the barges and/or vessels indicated in the invoices or bills of sale provided as per M4 (ii), the Bid must include a copy of a document which states that the barge or vessel complies with the requirements of <u>Transport Canada</u> issued by either:</p> <p><u>Transport Canada</u></p> <p><b>OR</b></p> <p>A <u>Transport Canada Recognized Organization (RO)</u></p> <p>The following are Transport Canada ROs:</p> <p>1) American Bureau of Shipping (ABS)</p> <p>2) Bureau Veritas (BV)</p>			

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Item No.	Mandatory Requirement	Contract Reference	Item No.	Method of Compliance	Compliant (Y/N)?	Initials	Bid Cross-Reference
				3) DNV GL Group (DNV-GL) 4) Lloyd's Register (LR) 5) Nippon Kaiji Kyokai (ClassNK) 6) Korean Register (KR) 7) RINA Services SpA (RINA)			



Item No.	Mandatory Requirement	Contract Reference	Item No.	Method of Compliance	Compliant (Y/N)?	Initials	Bid Cross-Reference
M5	<p>The Bid must demonstrate that the entity or entities performing welding or welding-related activities are qualified and certified to perform aluminum welding.</p> <p>Methods of Compliance M6 (i) and M6 (iii) for this Mandatory Requirement reference “International Institute of Welding Authorized Nominated Bodies for Company Certification (IIW-ANBCCs)” and “International Institute of Welding Authorized Nominated Bodies (IIW-ANBs)”.</p> <p>A complete list of IIW-ANBCCs can be found at: <a href="https://www.ewf.be/iw_man_cert_anbcc.aspx">https://www.ewf.be/iw_man_cert_anbcc.aspx</a></p> <p>A complete list of IIW-ANBs can be found at: <a href="https://www.ewf.be/qualifications-international-scope.aspx">https://www.ewf.be/qualifications-international-scope.aspx</a></p>	Annex B (TSOR) Section 4.2.7.1	M5 (i)	The Bid must list the entity or entities that will be performing welding or welding design on any part of the Barge Packages.			
			M5 (ii)	<p><b>For each entity</b> identified in M5 (i), the Bid must include a copy of the entity’s certification to <i>CSA W47.2-11 (R2015), Certification of Companies for Fusion Welding of Aluminum, Division 1</i> or 2.</p> <p><b>OR</b></p> <p>A copy of the entity’s certification to <i>ISO 3834-2:2005, Quality Requirements for Fusion Welding of Metallic Materials</i>, performed by an International Institute of Welding Authorized Nominated Body for Company Certification (IIW-ANBCC).</p>			
			M5 (iii)	The Bid must name a welding engineer who will participate in the design of the Barge Package.			
			M5 (iv)	<p>The Bid must include a copy of certification for the welding engineer named in M5 (iii) issued by the Canadian Welding Bureau (CWB).</p> <p><b>OR</b></p> <p>A copy of the welding engineer’s certification issued by any other International Institute of Welding Authorized Nominated Body (IIW-ANB).</p>			
			M5 (v)	The Bid must include a letter from the welding engineer identified in M5 (iii) stating that they will be available to participate in the Barge Package design if the Bid is successful.			

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Item No.	Mandatory Requirement	Contract Reference	Item No.	Method of Compliance	Compliant (Y/N)?	Initials	Bid Cross-Reference
M6	The proposed Barge Package must satisfy the defined design and construction requirements.  Drawings provided as per the Methods of Compliance for this Mandatory Requirement should be submitted as both a high-resolution PDF and as high-resolution hard copies with legible text and features.	Annex B (TSOR)	M6 (i)	The Bid must include a conceptual design drawing package for the proposed Barge Package.			
		Annex B (TSOR)	M6 (ii)	The conceptual design provided as per M6 (i) must include a <b>general arrangement drawing</b> of the Barge. A <b>general arrangement drawing</b> is considered to be an engineering drawing that shows the product and its components, interconnections between components, and overall dimensions.			
		Annex B (TSOR)	M6 (iii)	The conceptual design provided as per M6 (i) must include a <b>profile view</b> of the Barge.			
		Annex B 4.2.3.1	M6 (iv)	The conceptual design provided as per M6 (i) must state a <b>storage capacity of 20 m³ or 40 m³ as applicable.</b>			
		Annex B 4.2.3.1	M6 (v)	The conceptual design provided as per M6 (i) must have a <b>minimum of two storage tanks.</b>			
		Annex B 4.2.4.1 a)	M6 (vi)	The conceptual design provided as per M6 (i) must have a <b>raked bow and stern.</b>			

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED