



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

**Bid Receiving - PWGSC / Réception des soumissions  
– TPSGC**

**11 Laurier St. / 11, rue Laurier**

**Place du Portage, Phase III**

**Core 0B2 / Noyau 0B2**

**Gatineau**

**Quebec**

**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: Floating Tank Fabric	
<b>Solicitation No. - N° de l'invitation</b> F7047-170069/A	<b>Amendment No. - N° modif.</b> 006
<b>Client Reference No. - N° de référence du client</b> F7047-170069	<b>Date</b> 2019-07-30
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$ERD-010-27371	
<b>File No. - N° de dossier</b> 010erd.F7047-170069	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-08-06</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 (type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

---

## Amendment 006

This amendment is raised to:

1. Answer questions that were received from Industry
  2. Modify Annex A – Statement of Work
  3. Modify Annex B – Technical Statement of Requirements
- 

### 1. QUESTIONS AND ANSWERS

**QUESTION 1:** While we understand Canada can send a CAR by any method, how does Canada typically send a notice or CAR?

**ANSWER 1:** Typically Notices or CARs are sent by email, however as per Article 4.1.1.1 (f), Canada reserves the right to send them by any method it chooses.

**QUESTION 2:** What is the typical time period range for the Remedy Period? We may have to get clarifications from subcontractors and/or vendors (possibly in other areas of the world so working in different time zones) so would like an indication of how much time is typically granted.

**ANSWER 2:** Remedy Periods are only determined after bid closing. There is no “typical” amount of time for Remedy Periods.

**QUESTION 3:** With respect to deliveries, can we assume that all delivery locations will be able to accept all of the total quantities of required goods at one time. For example, can Mount Pearl accept 33 tanks and 15 accessory kits if all shipped as one consignment (possibly multiple trucks).

**ANSWER 3:** Yes, assume all delivery locations will be able to accept all of the total quantities of required goods at one time. Additionally, please refer to Section 4.1 of Annex A.

**QUESTION 4:** Please confirm that now that Schedule B has been replaced, there is no longer any milestone payments (i.e. Page 38 of original solicitation has been deleted) and has not been included in the Amended Schedule B. Schedule B now only consists of Item 1. Schedule of Delivery and no longer Item 2. Milestones for Required Goods. If Milestones do still form part of the contract (98%) with 2% holdback, please confirm it is only for the Required Goods and not the Optional Goods.

**ANSWER 4:** Milestones do not form part of this solicitation. As per article 6.7.5.1 of the RFP, the method of payment is Multiple Payments – Subject to a Holdback. A 2% holdback will be applied to all required and/or optional items (excluding Documentation (item 4 of table 1 of Schedule A)) until all final DIDs have been delivered and accepted by Canada.

---

**QUESTION 5:** As per CDRL, the FINAL of certain documents, including but not limited to (PM-01) and (SE-01) documents, need to be submitted and approved prior to the initiation of any manufacturing. Can we assume that this refers to full production - i.e. the first article(s) can be produced prior to approval of the final version of these documents? Reason is that there very likely may be changes coming out of the first article that would warrant changes to the PM-01 and or SE-01 documents. This would then necessitate re-work on already approved Final documents.

**ANSWER 5:** The statement "prior to manufacturing" includes any and all manufacturing, including first articles. Any revisions required following first article testing can be captured as a revision to the "FINAL" document.

**QUESTION 6:** DID-DL-01 is a document is listed in Appendix 1 - but does not appear under Required Goods and Services Documentation Requirement (Amendment 4 page 4). Please confirm this is a required document.

**ANSWER 6:** As per Amendment 004, DID-DL-01 Certificate of Conformity has been removed from the Solicitation.  
Please refer to Amendment 004 - Section 2 - At Annex A - Statement of Work, Article 4.2 and Appendices 1 and 2.

**QUESTION 7:** The Work Plan Section notes that a proposed Master Project Schedule must be provided in MS Project. Can alternative software programs formats be used?

**ANSWER 7:** Yes, alternative software program formats compatible with Windows 10 can be used to capture and maintain the project schedule.  
Please refer to Modification of Annex A below.

**QUESTION 8:** Test item b) Testing of the towable bladder for structural integrity and operational performance - this references ASTM F1599. We would propose to conduct one only (1) test to meet the ASTM standard. Ref TSOR 4.2.7.3 and 7.4. Resulting certificate(s) would cover entire supply of goods under contract. Please confirm.

**ANSWER 8:** Annex B, article 4.2.7.3 must be demonstrated for **every** towable bladder supplied and article 4.2.7.4 must be demonstrated by the **first article(s) only**. All associated test certificates must be supplied.

**QUESTION 9:** A lot of the recommended spares are off the shelf components such as fasteners and common tools. For OTS items can the contractor state the size and reference one distributor instead of Manufacturer, Manufacturer Model Number, and Manufacturer Part Number?

**ANSWER 9:** Canada requires all information to support future recommended spare acquisitions. The Manufacturer, Manufacturer Model Number, and Manufacturer Part Number must be supplied. The requirement remains unchanged.

---

**QUESTION 10:** Reference DID-TM-06, Section 1d) states that serial numbers must be provided for all rigging components. Section 1a) groups shackles, rings, links, hooks etc.) as components. It is noted throughout that all rigging components require a serial number. Obtaining off the shelf components, such as shackles, etc. with a serial number will greatly increase cost. Are serial numbers required for OTS parts?

**ANSWER 10:** Yes, serial numbers are required for all rigging components.  
The requirement remains unchanged.

**QUESTION 11:** Reference DID-TM-06, can you please clarify what "each rigging unit" entails? Does this mean each unique overall rig-subassembly? As per Section 4) each requires a Proof of Load Testing. Does this mean that every sling has to be tested? Or that each sub-assembly will be designed and tested, and subsequent ones will be manufactured from equivalent components.

**ANSWER 11:** As per Annex B, Section 1.4, a Rigging Unit is defined as "A rigging unit is defined as a certified system of individually certified components that may include, but is not limited to synthetic web slings, chain slings, wire rope slings, shackles, rings, links, hooks, swivels, hoisting points and any other certified components used as a system for overhead lifting of equipment." Yes, every component of every rigging unit must be tested.  
The requirement remains unchanged.

**QUESTION 12:** Reference DID-TM-06, as per Section 5) if photos are required of every unique rigging unit, how do you want this information shared?

**ANSWER 12:** Please refer to Annex B, Section 4.14. The Contractor must provide the complete Rigging Equipment Package within each Accessory Kit storage box.  
Please refer to Annex A, Appendix B, DID-TM-06, 'Format'.  
The requirement remains unchanged.

**QUESTION 13:** Please confirm if Canada would mandate as part of a test plan that **every** storage box would be hoisted, or simply one to demonstrate compliance.

**ANSWER 13:** The first article(s) storage box must demonstrate compliance with 4.10.2.1. All applicable certifications and documentation must be supplied for all subsequent units to demonstrate compliance.

**QUESTION 14:** DID-SE-05 indicates that the Factory Acceptance Test Report follow DID SE-02 Test and Certification Plan. Please confirm our expectation that it would be acceptable for each Factory Acceptance Test Report reference the completed fabric certificate and ASTM 1599 compliance documents (from the Test Plan), that none of these one-time tests would be repeated during the Factory Acceptance stage.

**ANSWER 14:** DID-SE-05 indicates that the Factory Acceptance Test Report details the results of the Factory Acceptance Testing outlined in the Test and Certification Plan. Please refer to Question and Answer 8, 13, and 18 of this Amendment.

---

**QUESTION 15:** Please advise if Canada expects one (1) Factory Acceptance Test Report for each Towable Storage Bladder Package? Or can a Factory Acceptance Test Report capture (and identify) some quantity of packages? i.e One (1) FAT Report for a given destination or for a given qty of packages.?

**ANSWER 15:** A Factory Acceptance Test Report can capture and identify the results of multiple packages providing all required data and information is supplied for each package within the report. References to all applicable certifications and testing results must be included for all packages recorded on each Factory Acceptance Test Report.

**QUESTION 16:** Can quantitative minimum requirements for the fabric tests be provided?

**ANSWER 16:** Please refer to Annex B, Section 4.2.6.2, Table 4.  
The requirement remains unchanged.

**QUESTION 17:** Are the test methods outlined in DIN Standards (Deutsches Institut für Normung - German Institute of Standards) from Germany and FED-STD (Federal Standard for Test Methods) from the USA considered equivalent to the ASTM tests outlined in Table 4.0?

**ANSWER 17:** Please refer to Annex B, Section 4.2.6.2, Table 4  
"The Contractor may propose equivalent internationally recognized test methods for consideration by Canada, **where the Contractor must demonstrate equivalency.**"  
The requirement remains unchanged.

**QUESTION 18:** It is noted that some of the fabric tests outlined in Table 4.0 are very expensive and very difficult to source a testing facility, such as Puncture Resistance, Hydrostatic Resistance, and Blocking Resistance. Instead of conducting these tests is a COC stating the values from the fabric producer acceptable?

**ANSWER 18:** It is acceptable to supply a Certificate of Conformance from the fabric producer providing demonstrated compliance with Annex B, article 4.4.2.1.

**QUESTION 19:** ASTM F1599-95 (2014) has been superseded. Please confirm our understanding that as per TSOR Section 2.2 the 2018 version must be used as the applicable standard and compliance to 2014 is not acceptable.

**ANSWER 19:** The requirement remains unchanged.

**QUESTION 20:** Please confirm that compliance to ASTM F1599-95 (2018) is required as part of ultimate supply contract, but does not have to be submitted as part of bid submission?

**ANSWER 20:** Compliance to ASTM F1599-95 is not required at bid submission. Please refer to Annex 1 to Part 4 of the Bid Solicitation, Appendix A and B.

**QUESTION 21:** Please confirm that the test of one (1) tank to demonstrate compliance to ASTM F1599-95 is sufficient, or is it mandatory that both sizes (i.e. 5 ton and 10 ton) be tested in accordance with the ASTM standards?

---

**ANSWER 21:** Both sizes (5 ton and 10 ton) must be tested in accordance with defined ASTM standards. Please refer to Modification of Annex A below.

**QUESTION 22:** Is it required to tow test the bladders with a calibrated load cell? Or is video evidence of the criteria outlined in ASTM F1599-95 (2018) Section 7.2.7.1 and 7.2.7.2 sufficient?

**ANSWER 22:** Please refer to Annex B, section 4.2.7.3 and 4.2.7.4. The requirement remains unchanged.

**QUESTION 23:** Are the product requirements defined in DIN Standards (Deutsches Institut für Normung - German Institute of Standards) from Germany and/or FED-STD (Federal Standard for Test Methods) from the USA considered equivalent to those in ASTM, ISO, or SAE standards?

**ANSWER 23:** Please refer to Modification of Annex B below.

**QUESTION 24:** Item g) indicates no wood products in the supplied packages - but 4.10.2.2 c) mandates the boxes be fabricated of plywood. Please clarify.

**ANSWER 24:** Please refer to Modification of Annex B below.

**QUESTION 25:** The Anchor Rode and Anchor Line length tolerance of +1%, -0% is very difficult to maintain. Can this range be expanded to either +/- 5% or +5%,-0% to match industry standard?

**ANSWER 25:** Please refer to Modification of Annex B below.

**QUESTION 26:** The Trip Line length tolerance of +1%, -0% is very difficult to maintain. Can this range be expanded to either +/- 5% or +5%,-0% to match industry standard?

**ANSWER 26:** Please refer to Modification of Annex B below.

## **2. MODIFICATION TO ANNEX A**

### **At Article 3.3.1.2**

Delete: Article 3.3.1.2 in its entirety  
Insert: Article 3.3.1.2 as follows:

#### **3.3.1.2 First Article Testing**

"Prior to the initiation of mass production or manufacture of the Towable Storage Bladder Packages (both 5 ton and 10 ton) and Accessory Kits, the Contractor must:

- a. Perform all required First Article Testing identified in the Test and Certification Plan (CDRL item DID-SE-02) on the first complete Towable Storage Bladder Package (including all components of the package) and first Accessory Kit, demonstrating to Canada that the first Towable Storage Bladder Package and first Accessory Kit meet all of the technical requirements as defined in the TSOR - Annex B;

- b. Submit a First Article Test Report for the Towable Storage Bladder Package (including all components of the package) and Accessory Kit as per CDRL item DID-SE-04; and
- c. Obtain Canada's formal approval of the first complete Towable Storage Bladder Package (including all components of the package), first complete Accessory Kit, and the First Article Test Report. "

#### **At SOW Appendix 2, DID-PM-01, Work Plan**

Delete: Section Work Plan in its entirety  
Insert: Section Work Plan as follows:

#### **Work Plan**

"This section must identify and quantify (level of effort) the Work to be done by the Contractor in order to successfully deliver on all requirements of the Contract. A proposed Master Project Schedule must be provided as a native MS Project file (or an alternative software file compatible with Windows 10), detailing at a minimum:

- a. Contract milestones (e.g., Kick-off Meeting, review meetings, testing, shipment, acceptance, etc.);
- b. All tasks and all sub-tasks required for the comprehensive delivery of the complete Towable Storage Bladder Package, the complete Accessory Kit, and all associated components (e.g., design, material acquisition, manufacturing, assembly, etc.) as per the Contract;
- c. All tasks and all sub-tasks required for the comprehensive delivery of all documentation deliverables as per the Contract; and
- d. Resource allocations, percentage complete, and target start and end dates must be identified for all tasks and sub-tasks, as applicable."

### **3. MODIFICATION TO ANNEX B**

#### **At Article 4.12.3.1**

Delete: Article 4.12.3.1 in its entirety  
Insert: Article 4.12.3.1 as follows:

4.12.3.1 "Each anchor rode must comprise a 12.2 m (+5%, -0%) length of galvanized steel chain attached to a 61 m (+5%, -0%) length of twisted, co-polymer rope."

#### **At Article 4.12.4.1**

Delete: Article 4.12.4.1 in its entirety  
Insert: Article 4.12.4.1 as follows:

4.12.4.1 "Each co-polymer rope, anchor trip line must be 61 m (+5%, -0%) in length."

#### **At Article 4.4.1.1**

Delete: Item g) of Article 4.4.1.1 in its entirety  
Insert: Item g) of Article 4.4.1.1.1 as follows:

4.4.1.1. Item g) "Not contain any wood products or similar hygroscopic material with the exception of article 4.10.2.2, item c)."

**At Article 4.4.1.1**

Delete: Item f) of Article 4.4.1.1 in its entirety

Insert: Item f) of Article 4.4.1.1.1 as follows:

4.4.1.1. Item f) "Conform to the requirements defined in an internationally recognized Standard, such as ASTM, ISO, or SAE Standards. The Contractor may propose equivalent internationally recognized Standards for consideration by Canada, where the Contractor must demonstrate equivalency. Canada may request samples of any proposed material."

**ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED**