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**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

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Centennial Towers 7th Floor - 7W11

200 Kent Street

Ottawa

Ontario

K1A0S5

<b>Title - Sujet</b> Fence Boom	
<b>Solicitation No. - N° de l'invitation</b> F7047-160035/A	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> F7047-160035	<b>Date</b> 2018-04-09
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$ERD-006-26696	
<b>File No. - N° de dossier</b> 006erd.F7047-160035	<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 2018-04-20</b>	
<b>Time Zone</b> Fuseau horaire Eastern Daylight Saving Time EDT	
<b>F.O.B. - F.A.B.</b> Specified Herein - Précisé dans les présentes	
<b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input checked="" type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Liagridonis, Tom	<b>Buyer Id - Id de l'acheteur</b> 006erd
<b>Telephone No. - N° de téléphone</b> (819) 360-1231 ( )	<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/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

**Request For Proposal Number F7047-160035 is amended as follows:**

**\*THE SOLICITATION CLOSING DATE HAS BEEN EXTENDED TO APRIL 20, 2018 AT 14:00 EST.**

Also, the following QUESTION(S) have been asked and the RESPONSE(S) are included:

**QUESTION #1**

The following several questions have been asked and all refer to the same understanding:

*“The M1-M408 requirement is for “certification of compliance”. As I understand it, we must initial in the table AND provide where in the bid we cross reference to – in other words, the bid itself must contain something that speaks to (i.e. demonstrates compliance) with each of M1 to M408.”*

**AND**

*“For M47 above, clearly the attachment of the sign as necessary can only be done at the bidder – so again we understand that to comply with the bid, we must state inside the bid itself that we will attach the sign? Simply initialing the table is not sufficient?”*

**AND**

*“It would appear that for many of the items, the only way to demonstrate the compliance will be to simply re-state inside the proposal that we will, for example “ attach a warning sign to any piece of equipment whose.... etc”.. and then reference on which page of the proposal that we have done that?”*

**AND**

*“What type of certification of compliance would be acceptable to assure you that we will comply with the stipulations of the solicitation and ultimately the contract?”*

**AND**

*“The method of compliance for all is a “Certification of Compliance”. What type of certification is required to cover both aspects? May one certificate stating all aspects of the solicitation will be met? In the original solicitation of this bid methods of compliance such as technical drawings, BOM, data analysis were required. Are those no longer required and a certification that we will abide by all aspects of the SOW and TSOR will be sufficient?”*

**RESPONSE TO QUESTION #1**

The Technical Bid Evaluation for this requirement has the following requirement:

**\*NOTE – THIS IS FOR APPENDIX A – MANDATORY CRITERIA – PART 1 OF 2 ONLY! FOR PART 2 OF 2 THE BIDDER MUST PROVIDE THE REQUIRED INFORMATION IN THEIR BID AND IN THE “BID CROSS REFERENCE” COLUMN INDICATE WHERE IN THEIR BID THE INFORMATION IS LOCATED - THE “CERTIFICATION OF COMPLIANCE STATEMENT” IS INSUFFICIENT DEMONSTRATION OF COMPLIANCE FOR ANY MANDATORY CRITERIA IN PART 2 OF 2.**

***“1. Appendix A – Mandatory Criteria – Part 1 of 2***

*The method of compliance for all mandatory criteria listed in Appendix A – Mandatory Criteria – Part 1 of 2 is ‘Certification of Compliance’. The Bidder must provide certification of compliance within the bid to demonstrate compliance with the requirement. The Bidder’s authorized representative must initial in the ‘Initials’ column.*

***Failure to provide a certification of compliance and initials for a criterion will render the criterion ‘non-compliant’.***

**To CLARIFY** – For “Annex 1 to Part 4 of the Bid Solicitation - Technical Bid Evaluation Plan”, **ALL MANDATORY CRITERIA listed as Part 1 of 2** the Bidder’s Bid, to be deemed compliant, must have the Bidder 1) Sign the Certification of Compliance (Annex D), 2) under the “Initials” column provide the Bidder’s initial’s confirming they meet the mandatory requirement, 3) under the “Compliant” column state “YES or NO” if they meet the mandatory requirement, and 4) under the “Bid Cross Reference” column simply state the following:

**“Signed Annex D - Certification of Compliance Statement”.**

It must be noted that the Bidder is certifying that all of the mandatory criteria (each line item in Part 1 of 2) that they meet and are compliant with each line item that they are certifying. Each of the mandatory criteria in Part 1 of 2 will be verified at the Kick-off Meeting. Falsifying any information/statement will deem the Bid non-compliant and any Contract that is awarded will be terminated.

For example: M9 has the following mandatory requirement –

“The Contractor must convene and co-chair a Progress Review Meeting within 28 business days of the Kick-off Meeting to review the following documents (at a minimum):

- a) PMP;
- b) Test Plan;
- c) Commissioning Plan; and
- d) Training Plan.”

By signing the Annex D – Certification of Compliance statement, initialing that they meet the requirement, stating “Yes” that they meet the requirement, and pointing out that they have signed the Annex D – Certification of Compliance statement – the Bidder would be compliant on this one item. If awarded a Contract, the Contractor must convene and co-chair a Progress Review Meeting within 28 business days of the Kick-off Meeting and provide and review the following documents (at a minimum): a) PMP; b) Test Plan; c) Commissioning Plan; and d) Training Plan and any other mandatory information required to deem this requirement compliant. Not doing so would then deem this requirement non-compliant and the Contract would be terminated.

**\*NOTE – AGAIN PLEASE NOTE THAT THIS IS FOR APPENDIX A – MANDATORY CRITERIA – PART 1 OF 2 ONLY! FOR PART 2 OF 2 THE BIDDER MUST PROVIDE THE REQUIRED INFORMATION IN THEIR BID AND IN THE “BID CROSS REFERENCE” COLUMN INDICATE WHERE IN THEIR BID THE INFORMATION IS LOCATED - THE “CERTIFICATION OF COMPLIANCE STATEMENT” IS INSUFFICIENT DEMONSTRATION OF COMPLIANCE FOR ANY MANDATORY CRITERIA IN PART 2 OF 2.**

## **QUESTION #2**

3.1.5.1 d) Protecting controls from inadvertent activation may be achieved by several means. The entire control panel can have a cover (hinged or removable), levers may be protected by guards meaning that the operator has to maneuver around the guard to operate the lever, or control levers may have a manual or spring-operated lockout device. Does the client have any preference for how the controls are to be protected?

## **RESPONSE TO QUESTION #2**

**There is no preference for how controls are to be protected against accidental or inadvertent activation.**

**\*The requirement remains unchanged.**

## **QUESTION #3**

3.1.6.4 Please confirm that this applies only to undamaged boom sections. Should a boom become damaged and oil enters inside the boom, decontamination is not possible. Does this ease of decontamination also apply to the inside of the chain pocket? It is not possible to seal the chain pocket in light of the requirement for drain holes (3.8.3.11). In an oil spill, oil WILL enter the inside of the chain pocket. Please advise if access is required to the INSIDE of the chain pocket via zippers, Velcro or other means.

## **RESPONSE TO QUESTION #3**

**\*Revision to the requirement.**

**Delete 3.1.6.4 in its entirety and replace with the following:**

“The boom reel (and any hard-surfaced components with the potential for frequent contact with oil products) must incorporate design features that facilitate its decontamination after use. The Contractor should eliminate surface configurations and crevices that can trap or retain recovered oil. The Contractor must provide adequate access to those areas susceptible to contamination or where contamination cannot be prevented.”

#### **QUESTION #4**

3.2.1.2 Please define how buoyancy and weight are to be determined. Is the buoyancy to be calculated using ONLY the actual volume of foam inside the boom, or is trapped air (such as that between float sections) also to be included in the calculation. Please advise if the weight of the boom is defined as the weight IN AIR and that weight reduction due to displaced water volume is to be disregarded. Example: a ballast chain weighs more in air than it does when submerged in water. Which value is to be used in calculations?

#### **RESPONSE TO QUESTION #4**

For conservatism, gross buoyancy must be calculated using only the actual volume of foam contained within a boom section. The weight of the boom section is defined as the total weight of all boom components in air; i.e., any weight reduction to the boom section owing to displaced water volume must be disregarded in the calculation.

**\*The requirement remains unchanged.**

#### **QUESTION #5**

3.2.3.1 Please clarify if “full wet mass of the supplied designation of Fence Boom” means:

- a) The full weight of a 50 foot section of boom as is to be supplied on each boom reel, or
- b) The weight of only that 5m of boom that is between the boom reel and the water level (thus assuming that any boom floating in the water has zero weight)

Is the pulling force to be measured at the reel core or at the outer diameter of the end flange.

#### **RESPONSE TO QUESTION #5**

Full wet mass refers to the mass of a 5 m length of fence boom, with consideration for water ingress into its void spaces during deployment. The minimum breakaway torque should be calculated using the most conservative loading case; i.e., the retrieval of a 5 m length of fence boom suspended at the outer diameter of the end flange.

**\*The requirement remains unchanged.**

**QUESTION #6**

3.2.3.2 Does this mean that any braking mechanism must prevent the reel from turning even if control levers are pushed to their travel limits (meaning applying full torque to the motor)?

**RESPONSE TO QUESTION #6**

The braking capacity should be such to hold the reel in a static position when a 5 m length of fence boom is suspended at the outer diameter of the end flange. The intent of the brake is to stop the reel from spinning freely, and unwinding any spooled boom if power is lost to the hydraulic motor.

**\*The requirement remains unchanged.**

**QUESTION #7**

3.2.3.3 This paragraph expresses the rotation speed of the any HYDRAULIC MOTOR must be less than 12 rpm. Considering there is likely to be a reduction gearbox between the hydraulic motor and the boom reel, is there a requirement for the minimum and/or maximum rotational speed of the boom reel spool itself.

**RESPONSE TO QUESTION #7**

There is no requirement for a minimum/maximum rotational speed for the boom reel; the requirement for maximum rotational speed should be applied to the boom reel itself and not the hydraulic motor.

**\*The requirement remains unchanged.**

**QUESTION #8**

3.3.3.1 Does the requirement for resilient mounts for “all rotating machinery” apply to the boom reel itself or only to the power unit?

**RESPONSE TO QUESTION #8**

**\*Revision to the requirement.**

**Delete 3.3.3.1 in its entirety and replace with the following:**

“The Contractor must fit all prime movers with suitable, resilient mounts to minimize vibratory effects.”

**QUESTION #9**

3.8.1.6 Based on a 50 foot length and 5 foot folds, these booms will have 10 floats. This means there are 9 spaces BETWEEN the floats where stiffeners are typically located. Please advise if it is acceptable to have a total of 9 fiberglass stiffeners (and two end connectors which are effectively stiffeners) per 50 foot boom section

**RESPONSE TO QUESTION #9**

**This requirement cannot be evaluated prior to Bid Evaluation.**

**\*The requirement remains unchanged;**

Annex B, Technical Statement of Requirements Section 3.8.1.6 “There must be at least one vertical fiberglass batten stiffener(s) per floatation element for each Fence Boom section.”

**QUESTION #10**

3.8.2.2 Is there a minimum density for the foam?

**RESPONSE TO QUESTION #10**

The minimum gross buoyancy to weight ratio for an overall boom section is defined in Annex B, Technical Statement of Requirements Section 3.2.1.2.

**\*The requirement remains unchanged.**

**QUESTION #11**

3.8.2.4 Foam plank typically used for these types of floats is commonly built up to the required thickness by laminating (by the foam manufacturer) thinner sheets together. For instance, a typical 2” thick plank is built up from 4 x ½” thick sheets laminated together. These laminations are as strong as the parent foam. Is this acceptable or must the planks (regardless of thickness) be a one piece extrusion?

**RESPONSE TO QUESTION #11**

**Laminating floats is prohibited; the floats must be a single, solid extrusion.**

**\*The requirement remains unchanged;**

Annex B, Technical Statement of Requirements Section 3.8.2.4 “The cross-section of each floatation element must be rectangular. A floatation element whose cross-section comprises more than one individual piece of foam joined together is prohibited.”

**ALL OTHER TERMS AND CONDITIONS OF THIS REQUEST FOR PROPOSAL REMAIN UNCHANGED.**