



**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, Québec K1A 0S5  
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**  
Clothing and Textiles Division / Division des  
vêtements et des textiles  
11 Laurier St./ 11, rue Laurier  
6A2, Place du Portage  
Gatineau, Québec K1A 0S5

<b>Title - Sujet</b> PASSENGER IMMERSION SUIT SYSTEM	
<b>Solicitation No. - N° de l'invitation</b> F7054-170018/A	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> F7054-170018	<b>Date</b> 2016-07-15
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$PR-705-71038	
<b>File No. - N° de dossier</b> pr705.F7054-170018	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-07-27</b>	<b>Time Zone</b> Fuseau horaire Eastern Daylight Saving Time EDT
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Williams, Laura	<b>Buyer Id - Id de l'acheteur</b> pr705
<b>Telephone No. - N° de téléphone</b> (873) 469-3174 ( )	<b>FAX No. - N° de FAX</b> (819) 956-5454
<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> Raison sociale et adresse du fournisseur/de l'entrepreneur	
<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> (type or print) <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 002 is raised to provide responses to Industry questions:

**Question1 :**

The operating temp range indicated is -40 to +30. Can you please advise what this is based on? The factory does not believe that there is even a zipper component available on the market that has been tested to -40.

**Response 1:**

Operating temperature was taken into consideration with a thermal Immersion Suit Liner (ISL) being donned by the user. The ISL would allow for the user to be immersed in water colder than -25. Factory suits, limited to -25 to +60 would be considered.

**Question 2:**

Would the Aviation JAR 25 standard be acceptable for the FR neoprene seal requirement?

**Response 2:**

Yes, the JAR 25 standard will be accepted.

**Question 3:**

- a) Will a product without the storm protective hood be considered?
- b) Clo value requirements - Immersion Suit Liner (ISL): 0.75 Clo. requirement. The Current ETSO asks for 0.5 minimum. We need to clarify if the specified liner role, as 0.75 Clo. is specified yet provision of different weights is considered.
- c) Also, if the ISL is envisaged as being fixed or separate. Can you please confirm?

**Response 3:**

- a) Hood and gloves are required for all Constant Wear Immersion Suits System (CWISS). The hood and gloves are not required to be attached to the suit for consideration; however a hood and glove will be required with all suits.
- b) The CWISS must have a minimum immersed Clo value of 0.75 when worn with the ISL.
- c) ISL will be separate from the CWISS to allow the donner the flexibility to use in different climates.

**Question 4:**

Can you please confirm the neutral buoyancy requirement as this is not an ETSO test rather the system net buoyancy when worn must be  $\leq 150$  Newtons ( Euro Standard ) . suits of this design all have some inherent buoyancy and is the neutral suit buoyancy requirement for the suit itself or the complete system?

**Response 4:**

CWISS shall not be less than 156N. The natural buoyancy is for the suit itself and any other thermal protection undergarment will be treated separately from the CWISS system.

**Question 5:**

There is no self-repair capabilities that can offer 100% full leak protection for any suit design. The repair capabilities that can be offered would provide some protection only. Can you please confirm if this is acceptable.

**Response 5:**

It is understood that self-repair does not provide 100% leak protection. Self-repair capabilities are too allow the donner to make temporary repairs to minor damage which might allow water ingress into the suit.

**Question 6:**

The 10 year shelf life requirement. Can you please confirm if this applies to suits in storage or in use?

**Response 6:**

CWISS must have a 10 year shelf life if in storage – *It is understood that a used suit loses shelf life over time and my require recertification over time.*

**Question 7:**

The anti-static requirement. Can you please confirm how important this is. Suits made from Nomex that offer anti-static properties provide very low abrasion resistance and they will not last very long based on intended use. On the other hand, suits made from Gortex fabric while not antistatic will provide very high durability.

**Response 7:**

Non-Essential: Members donning the CWISS will have limited static repercussions and a suit made of Gortex would be acceptable.

**Question 8:**

Can you please advise the importance of delivery vs. product specifications required?

**Response 8:**

Delivery and product specification are equally important. The CWISS must meet a significant amount of the listed criteria as-well-as be a readily available. The CWISS must be a commercially available product suitable for use in the helicopter offshore industry.

**Question 9:**

Regarding page 35, section 8.14.8 Corporate Profile and Experience. It says "The Bidder must describe its capacity and experience in this area, including listing two (2) successfully completed projects similar to this requirement to which the Bidder has provided products/services." We wanted to know if you need the reference from us or our manufacturer reference would be acceptable too.

**Response 9:**

Ideally, we would like the bidder's reference that provides examples of how they can meet the service, however we will accept either the bidder or the manufacturer's references.

**Question 10:**

Is TC approval of the suit required or will you accept EASA/FAA approval?

**Response 10:**

EASA/FAA approval will be accepted.

**Question 11:**

We are aware of another RFQ Solicitation # F7013-160012 for the supply of Life vest and EUBA. Can you advise if this is related to the above solicitation project? If so, would your customer consider an integrated product that we have that combines both the immersion suit, EUBA and Lifevest in one package?

**Response 11:**

No, we are not requesting Life Vests or EUBA

All other terms and conditions remain the same.