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**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

Ship Construction, Refit and Related
Services/Construction navale, Radoubs et services
connexes

11 Laurier St. / 11, rue Laurier

6C2, Place du Portage

Gatineau

Québec

K1A 0S5

Title - Sujet BOAT, LANDING, INFLATABLE	
Solicitation No. - N° de l'invitation W8482-168236/B	Amendment No. - N° modif. 003
Client Reference No. - N° de référence du client W8482-168236	Date 2016-12-13
GETS Reference No. - N° de référence de SEAG PW-\$\$MC-032-26068	
File No. - N° de dossier 032mc.W8482-168236	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-12-22	
Time Zone Fuseau horaire Eastern Standard Time EST	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Girard, Luc J.	Buyer Id - Id de l'acheteur 032mc
Telephone No. - N° de téléphone (819) 420-2890 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	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

Solicitation No. - N° de l'invitation
W8482-168236/B
Client Ref. No. - N° de réf. du client
W8482-168236

Amd. No. - N° de la modif.
003
File No. - N° du dossier
032mc.W8482-168236

Buyer ID - Id de l'acheteur
032mc
CCC No./N° CCC - FMS No./N° VME

Solicitation amendment 003 is issued to provide Question and Answer Set 3 as attached.

W8482-168236/B
Inflatable Assault Landing Boats
Question and Answer Set 3

Keys for Interpretation of Answers:

Green Highlight = Current Answers,

Yellow Highlight = Answers already provided,

No Highlight = Questions not yet answered

Item	Ref.	Statement	Question	Answer
1	TSOR 3.2.1 Fabric Material	The fabric used in the manufacture of the inflatable parts of the boat must be of a woven fabric support of military grade chlorosulphonated polyethylene (CSM), otherwise known as Hypalon® or a Mill Spec grade of polyurethane with UV protection.	As, "military grade" is only an expression, can you confirm exactly the minimum coating in term of oz. or g/sm that will be accepted for these military boats for the main tubes, the keel and bottom? - <i>P.U. Military Grade 40 Oz 1360 g/sm (1670 dtx)</i> - <i>Hypalon Military Grade 53 Oz 1800 g/sm (1670 or 1800dtx)</i> - <i>Hypalon Military Grade 44 Oz 1500 g/sm (1670 dtx)</i> - <i>Hypalon Pleasure Grade 38 Oz 1300 g/sm (1100 dtx)</i>	DND will accept CSM decitex ratings of: - Buoyancy Tubes, 1670dtx to 1880dtx - Inflatable Keel, 1100dtx to 1880dtx - Bottom, 1100dtx to 1880dtx.
2	TSOR 4.10 Knee Rail	A universal knee rail constructed of durable heavy duty fabric, running down the outer port and starboard horizontal centreline of the tube set for ease of paddling for personnel must be installed. The knee rail must not impede the functionality of the rub strakes or carrying handles.	Can you define more precisely what you require in point 4.10 of the technical specifications? i.e What do you define by a knee rail, made of durable heavy duty fabric, under the horizontal outer line of the tube, in order to facilitate paddling, knowing that there is already a rubbing strake as per 3.2.13 which covers this outer horizontal line and which covers 6 inches? Do you have pictures?	a) To clarify, the original spec was to include a removable knee rail which was not to impede the rub strakes. It was overlooked when the spec from Directorate of Land Requirements (DLR) changed to a permanently fixed knee rail. See attached side view aspect of the in-service 12 man assault boat. This will be just a quick reference and is not meant to be imitated or duplicated. As you can see the knee rail is much too high and must be installed just above the horizontal centreline of the tubeset for ergonomic comfort. b) Rub strakes will now be installed on the outer edge of each knee rails (port and Starboard) instead of on the tube set as the knee rail is permanently fixed. Rub strakes must be rounded on the knee rail and must be a minimum of 4" wide, run from all the way forward to all the way aft on the outer edge. The knee rail will start where the forward chamber begins its gradual turn into the bow centreline meeting point and will run back as far as the transom, prior to where the end cones begin. c) The fabric must be the same material used for the inflatable tube set, and must be either part of the fast inflation system or a separate chamber to be inflated with external pump and inflation valves. The knee rail must possess a pressure relief valve each.

Item	Ref.	Statement	Question	Answer
3	TSOR 3.1 Vessel particulars	The inflatable must as a minimum conform to the following: d) Overall beam must be between 2.0m and 2.15m: (6.9ft to 7ft);	The addition of knee rails (clause 4.10) effects overall beam. Has this been taken into consideration with the overall beam specification included in 3.0 (d)?	The overall beam in TSOR 3.1 does not include the knee rail, the knee rail is above and beyond 2.0m to 2.15m. Each knee rail must have a diameter of 18cm
4	TSOR 3.2.13 & 4.10	Rubbing Strake and Knee Rail	The addition of knee rails (clause 4.10) impacts the effectiveness of the rubbing strake location detailed in this clause. As the outboard knee rails will make contact with any vertical surface first, the location of the rubbing strakes should be reconsidered. Will the location of the rubbing strakes be reconsidered?	The answer is in item 2.
5	TSOR 3.2.1.1	In item 3.2.1.1 Tissue Requirements, you are asking to list the material resistance to tear and tensile strength for warp and weft.	Since your customer desires, at least 1670 dtx for the main tubes, and 1100 dtx for the keel and bottom; Is there a minimum threshold for these 2 requirements? If so, can we receive them?	The minimum threshold for these 2 requirements must be as per the required material in the TSOR and as clarified in the Questions and Answers Item 1 and 2, which is bottom and keel - 1100 to 1880dtx, nothing lower or higher and Tube set 1670 to 1880dtx, nothing lower, nothing higher. You must meet these stated material requirements and therefore it is not necessary to supply warp and weft for tear and tensile strengths.

