



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
Electrical & Electronics Products Division
11 Laurier St./11, rue Laurier
7B3, Place du Portage, Phase III
Gatineau, Québec K1A 0S5

Title - Sujet ATF-2 Absorber	
Solicitation No. - N° de l'invitation 9F010-160791/A	Amendment No. - N° modif. 004
Client Reference No. - N° de référence du client 20160791	Date 2017-06-01
GETS Reference No. - N° de référence de SEAG PW-\$\$HN-331-72833	
File No. - N° de dossier hn331.9F010-160791	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-06-15	Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
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: Turner, Louie	Buyer Id - Id de l'acheteur hn331
Telephone No. - N° de téléphone (873) 469-3342 ()	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

Amendment #4 is issued answer potential bidders questions.

Question #1: ANNEX A – 6b & c. The peak-to-peak ripple performance stated in item 6c. and the relative absorber performance stated in 6b. are not aligned and we request clarification.

The absorber reflectivity stated in 6b. is achievable however, the corresponding peak to peak ripple is not achievable given the provided reflectivity figures. The absorber performance must be significantly better than the corresponding quiet zone performance.

In this case, the absorber performance and the quiet zone performance are the same, meaning that the quiet zone performance cannot be achieved with the absorber requested.

e.g. 1dB peak to peak ripple correspond to 25dB quiet zone performance > absorber needs to be significantly better than 25 dB in order to achieve this level performance.

Answer #1: The specifications in Annex A - 6b indicate the worst acceptable level (note “≤”) of absorber reflectivity performance. The bidder could choose a larger absorber size, for an improved reflectivity performance, which will facilitate the achievement of the peak-to-peak ripple requirements.

Note: DFL agrees to modify the peak-to-peak ripple amplitude requirements in Annex A – c) to read:

“ The maximum acceptable peak-to peak ripple amplitude within the test volume must meet the following requirements:

- i. Peak-to-peak ripple amplitude between 0.25 to 0.50 GHz: ≤ 1.4 dB
- ii. Peak-to-peak ripple amplitude between 0.50 to 1 GHz: ≤ 0.8 dB
- iii. Peak-to-peak ripple amplitude above 1 GHz: ≤ 0.3 dB

Question #2: We see from Buy and Sell that DFL Hired ETS to perform an “ELECTROMAGNETIC DESIGN STUDY FOR THE UPGRADE AND REFURBISHMENT OF THE DFL CHAMBER” in Sep 2014. The RFP required less work experience, however a University educated Engineer or equivalent, was required. Should a Registered Engineer still a requirement for this work?

Answer #2: The requirement was replaced for this tender with a set of experience requirements: *corporate experience, project manager experience and technical leader's experience.*“

Question #3: The minimum performance for the absorber is specified, however there are no weight / loading limitations on the absorber design. Who is responsible for the structural integrity of the chamber, and are there any known weight / loading limits?

Answer #3: At the present time the maximum calculated acceptable loading is at 5 lbs per sq-ft. DFL will enhance the chamber structure to accommodate the loading from the absorber layout proposed by the future contractor, if the present loading limit is insufficient.

N° de l'invitation - Sollicitation No.
9F010-160791/A
N° de réf. du client - Client Ref. No.
9F010-160791

N° de la modif - Amd. No.
004
File No. - N° du dossier
hn331. 9F010-160791

Id de l'acheteur - Buyer ID
hn331
N° CCC / CCC No./ N° VME - FMS

Question #4: The 65' high bay portion of the shield protrudes from the main building. In this "High Bay Building":

- a. Are the exterior walls and ceiling, behind the shield, insulated?
- b. If not, how is the temperature between the shield wall and the exterior building envelope maintained for winter months?

Answer #4: Yes, all exterior walls are insulated according to building code.

Question #5: If products are delivered by a common carrier, will DFL unload the trucks at the DFL facility when it arrives?

Answer #5: Yes, DFL will take care of unloading the absorber material.

Question #6: Can any of the products be stored at the DFL facility ?

Answer #6: DFL will make available 3500-4000 sq-ft of floor space for storage of packaged absorber material. Half of this space will be in a non-class rated facility and the other half in a class rated facility.

All other terms and conditions remain the same.