

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Travaux publics et Services gouvernementaux
Canada
Place Bonaventure, portail Sud-Est
800, rue de La Gauchetière Ouest
7 ième étage
Montréal
Québec
H5A 1L6
FAX pour soumissions: (514) 496-3822

**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
Travaux publics et Services gouvernementaux Canada
Place Bonaventure, portail Sud-Est
800, rue de La Gauchetière Ouest
7 ième étage
Montréal
Québec
H5A 1L6

Title - Sujet Generic Technologies	
Solicitation No. - N° de l'invitation 9F063-130093/A	Amendment No. - N° modif. 008
Client Reference No. - N° de référence du client 9F063-13-0093	Date 2013-07-31
GETS Reference No. - N° de référence de SEAG PW-\$MTB-450-12341	
File No. - N° de dossier MTB-3-36035 (450)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-08-20	Time Zone Fuseau horaire Heure Avancée de l'Est HAE
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: Guérinik (mtb450), Naoual	Buyer Id - Id de l'acheteur mtb450
Telephone No. - N° de téléphone (514) 496-3409 ()	FAX No. - N° de FAX (514) 496-3822
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

This amendment is raised to answer questions asked by bidders;

Question 1:

The scope of work for PT09 listed in bullet form on page A-76 of the AO evidently assumes materials development for passive protection rather than active protection. Will CSA consider proposals for active protection technologies as well?

Answer 1:

Yes, CSA will consider proposals for active protection technologies, with the understanding that such technologies are still subject to mass and volume optimization. Should some requirements/conditions apply only to passive protection technologies, these will simply be deemed “not applicable” for the proposed active protection technologies.

Question 2:

If CSA will consider active protection technologies, we wish to bring forward a proposal that exploits Lorentz force interactions. This will conflict with the last bullet of test requirements listed on page A-76 of the AO. The proposed concept is to deflect incident particles normal to the particle trajectory to the instrument over distances much larger than anticipated experimental conditions. Can the requirement for “Angle of Incidence: +/- 1 deg.” be altered to read “Angle of Particle Propagation: +/- 1 deg.” in order accommodate the physics of the proposed technique?

Answer 2:

The functional impact tests refer to the original trajectory of an approaching (on-coming) debris to be considered normal to the spacecraft exposed (or witness) panel with an Angle of Incidence or Angle of Approach: +/- 1 deg from the normal of the spacecraft surface, this is irrespective of what technology is used to protect the spacecraft from impact damage.