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1550, Avenue d'Estimauville
1550, D'Estimauville Avenue
Québec
Québec
G1J 0C7

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
TPSGC/PWGSC
601-1550, Avenue d'Estimauville
Québec
Québec
G1J 0C7

Title - Sujet COHERENT LIDAR	
Solicitation No. - N° de l'invitation W7701-145727/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client W7701-14-5727	Date 2013-11-01
GETS Reference No. - N° de référence de SEAG PW-\$QCN-015-15661	
File No. - N° de dossier QCN-3-36156 (015)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-11-12	Time Zone Fuseau horaire Heure Normale du l'Est HNE
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: Legendre, Sylvie	Buyer Id - Id de l'acheteur qcn015
Telephone No. - N° de téléphone (418) 649-2860 ()	FAX No. - N° de FAX (418) 648-2209
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 001 to the Request for proposal is to answer questions from the industry.

QUESTION 1

P.11 Section 1.1 Technical Evaluation. Please confirm that sub-contractor are admitted for the evaluation of expertise

ANSWER 1

Sub-contractors will be considered for expertise evaluations

QUESTION 2

P. 33 - Section 2 Scope of work. The type of coherent lidar is not specified. This one could be a continuous wave laser externally modulated by a sequence/modulation format. The lidar could also be a FWCW lidar using a frequency modulation via an accordable laser. Or it could be a coherent lidar base on a pseudo- random modulated pulse source. There are other possible versions. All these version are realizable with telecom components and sub-systems. The type of lidar depend on the application, but that one is little described in the tendering offer. The type of lidar chosen has a strong influence on the cost of the solution. Since neither the type of lidar, the level of performance are specified in the tendering offer, is the client is ready to consider as admissible any coherent lidar version as long it is compatible with the 4 points listed at the bottom of page 33?

ANSWER 2

The coherent detection must be performed by optical mixing of the local oscillator and the returned signal from the target. We aim to evaluate coherent lidar capability to penetrate clouds with large optical depth (Extinction X Length > 3). The choice on how it could be done, given the 4 constraints on page 33, is yours. The level of details provided to establish performance must be enough so that we can verify the validity

QUESTION 3

P. 33 - Section 2 Scope of work. The operation wavelength is not specified. Is the client ready to consider, as admissible, any telecom wavelength?

ANSWER 3

The wavelength must by greater than 1.4 μm for eye-safety considerations.

All other terms and conditions remain unchanged.