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Room 1650, 635 8th Ave. S.W.
Calgary
Alberta
T2P 3M3

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
Public Works and Government Services
Canada/Travaux publics et Services gouvernementaux
Canada
Room 1650, 635 8th Ave. S.W.
Calgary
Alberta
T2P 3M3

Title - Sujet Thermocycler	
Solicitation No. - N° de l'invitation K4E21-150019/A	Amendment No. - N° modif. 005
Client Reference No. - N° de référence du client K4E21-150019	Date 2015-11-24
GETS Reference No. - N° de référence de SEAG PW-\$CAL-135-6362	
File No. - N° de dossier CAL-5-38028 (135)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-11-30	
Time Zone Fuseau horaire Mountain Standard Time MST	
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: Denadi, Gilles	Buyer Id - Id de l'acheteur cal135
Telephone No. - N° de téléphone (403) 612-9648 ()	FAX No. - N° de FAX (403) 292-5786
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Environment Canada Watershed Hydrology Research Division (WHERD), National Hydrology Research Centre (NHRC), 11 Innovation Blvd Saskatoon, SK S7N 3H5	

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 005 is being raised to incorporate the following information into solicitation K4E21-150019/A:

I. On Amendment 004, Questions and Answers.

Delete in its entirety

Question 3:

Item No 3.4 - The system must be capable of using reaction volumes of 5-20ul

You have provided a range for reaction volumes. Do you require the system to also be able to accept a range of volumes?

Answer 3:

The range is intended to create options: the supplied machine would have specific capacities for example some manufacturers specify 14.5 uL/chip.

Insert:

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Question 6:

On the last amendment it was stated that this was for a Digital PCR system. We would like to confirm that the Mandatory Specifications are solely to be met by a digital PCR system. If not, can you please clarify what are the Mandatory Specifications for the digital PCR system and for the second system (PCR or QPCR system)

Answer 6:

ONLY a digital Q-PCR machine is requested. There is some overlap in specifications between Digital Q-PCR and Q-PCR however the distinguishing/mandatory features are:

3.1 The system must have sensitivity capable of resolving a 1.5 fold change with up to 5 logs of dynamic range.

3.3 The system must utilize band pass filters for dye discrimination. Be capable of detecting dyes that emit at 520+/-10 nm (DNA stain) ; at 558+/-7 nm (stain used to fluorescently label oligonucleotides in a variety of real-time PCR applications); and at 630+/-30 nm (reference dye designed to normalize the fluorescent reporter signal in real-time quantitative PCR or DIGITAL-RT-PCR)

-
- 3.4 The system must be capable of using reaction volumes of 5–20 µL per chip.
- 3.6 The system must be operable via interactive touch screen or connected to a computer.
- 3.8 A minimum of one year Parts AND Labor warranty is required. The warranty will begin on the date of acceptance of the system by the Technical Authority. The date of acceptance will be determined after installation.
- 3.11 On-site training is required.
- 3.12 Flexible service options must be available Depot Repair and/or On-Site Service
- 3.13 Telephone/e-mail based Technical Support for chemistry and instrumentation problems.
- 3.14 Instrument must meet UL/CSA standards.

Insert:

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Solicitation No. - N° de l'invitation

K4E21-150019/A

Client Ref. No. - N° de réf. du client

K4E21-150019

Amd. No. - N° de la modif.

005

File No. - N° du dossier

CAL-5-38028

Buyer ID - Id de l'acheteur

cal135

CCC No./N° CCC - FMS No./N° VME

All other terms and conditions remain the same.