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Bid Receiving Public Works and Government
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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. 002
Client Reference No. - N° de référence du client K4E21-150019	Date 2015-10-30
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 2015-11-10	
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

Solicitation No. - N° de l'invitation
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K4E21-150019

Amd. No. - N° de la modif.
002
File No. - N° du dossier
CAL-5-38028

Buyer ID - Id de l'acheteur
ca1135
CCC No./N° CCC - FMS No./N° VME

This amendment 002 is being raised to incorporate the following information into solicitation K4E21-150019/A:

I. Bid closing date

The bid closing date has been extended to November 10, 2015 at 2:00 PM, Mountain Standard Time (MST).

II. On page 10 of 12, Annex A.

Delete in its entirety

Insert (Annex "A", Amended as of October 28, 2015)

ANNEX "A"
(Amended as of October 28, 2015)

REQUIREMENT

For the supply, delivery, installation and on-site training of one (1) new digital RT- PCR machine and accessories, to Environment Canada, Watershed Hydrology Research Division (WHERD), National Hydrology Research Centre (NHRC), Saskatoon, Saskatchewan.

1. BACKGROUND INFORMATION

Requirement is made to update existing PCR capacity at the National Hydrology Research Centre (NHRC) – Saskatoon, Saskatchewan.

2. INSTRUCTIONS TO BIDDER

- a. The bidder must meet all mandatory and technical specifications.
- b. It is incumbent upon the bidder to recommend a specific hardware/software configuration for a Complete system that is Guaranteed suitable for the purposes specified.
- c. The bidder must provide descriptive literature and specification sheets.
- d. The bidder must deliver, install system and provide on-site training at the destination.
- e. Any technological upgrades that are released after the system is ordered but before Delivery and Acceptance, must be included at no charge.
- f. The cost(s) of any item(s) omitted from the bid (s) that are required to meet system requirements and specifications as described herein, are to be the sole responsibility of the Contractor.

3. MANDATORY TECHNICAL SPECIFICATIONS

Bidders are requested to respond to each item indicating if they meet the specifications, and cross-reference to identify the page(s) where each mandatory technical specification can be demonstrated in their technical documentation provided with bid.

Item No.	Mandatory Technical Specifications	Met	Not Met	Cross Reference Page No.
3.1	The system must have sensitivity capable of resolving a 1.5 fold change with up to 5 logs of dynamic range.			
3.2	Must have a run times ~30 min.			
3.3	The system must utilize band pass filters for dye discrimination. Be capable of detecting dyes that emit at <u>520+/-10 nm</u> (for example, FAM, dyes such as SYBR dye (520 nm) a DNA stain produced by Life Technologies; and <u>558+/-7 nm</u> (for example VIC, (554 nm) a stain produced by Applied Biosystems/Life Technologies and used to fluorescently label oligonucleotides in a variety of real-time PCR applications); and <u>630+/-30 nm</u> (for example ROX (605 nm) (produced by ThermoFisher) a 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.			
3.5	Must have on-board storage for >2,000 runs.			
3.6	The system must be operable via interactive touch screen or connected to a computer.			

3.7	The system must have the capacity for Wi-Fi connectivity as well as both desktop or browser (Cloud) based software.			
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 Project Authority. The date of acceptance will be determined after installation.			
3.9	The system must have locked workflow option to prevent accidental or malicious deletion of protocols. This option is critical in our application. Backups will be necessary.			
3.10	On-site training is required.			
3.11	Flexible service options must be available: Depot Repair and/or On-Site Service. Instruments can be shipped back to company/manufacturer for repair.			
3.12	The Contractor must provide Telephone/e-mail based Technical Support for chemistry and instrumentation problems.			
3.13	Instrument must meet UL/CSA standards. (eg. Canadian Underwriters Laboratory). If another standard is provided, bidder must provide evidence of how that standard is equivalent to UL/CSA.			

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Name of Manufacturer: _____

Model/Part Number: _____

II. Annex A, Item 3.2

Question:

What are the current run times of the customer assays and on which device do they currently run?

Answer:

We do not currently have a DIGITAL – QPCR which is the device we are seeking to purchase.

All other terms and conditions remain the same.