



**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:**

PWGSC/TPSGC Acquisitions
Sherwood Business Centre
161 St. Peters Road/
161, rue St. Peters
2nd Floor, Suite 204/
2ième étage, pièce 204
Charlottetown
Prince Edward Island
C1A 5P7
Bid Fax: (902) 566-7514

**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

Commercial Acquisitions (PEI)
Sherwood Business Centre
161 St. Peters Road
2nd Floor, Suite 204
Charlottetown
Prince Ed
C1A 5P7

Title - Sujet QPCR Thermocycler	
Solicitation No. - N° de l'invitation 01913-210191/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client 01913-210191	Date 2020-09-14
GETS Reference No. - N° de référence de SEAG PW-\$PEI-005-4522	
File No. - N° de dossier PEI-0-43009 (005)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2020-09-29	
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: Stockman (PEI), Sonia	Buyer Id - Id de l'acheteur pei005
Telephone No. - N° de téléphone (506) 961-7412 ()	FAX No. - N° de FAX (506) 851-6759
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

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01913-210191/A
N° de réf. du client - Client Ref. No.
01913-210191

N° de la modif - Amd. No.
001
File No. - N° du dossier
PEI-0-43009

Id de l'acheteur - Buyer ID
pei005
N° CCC / CCC No./ N° VME - FMS

Solicitation Amendment

384 Well QPCR Thermocycler

Solicitation Amendment No. **001**

This solicitation is hereby amended as follows:

(1) To answer the following questions:

Q1. Would supplying the computer only version of the 384 well be acceptable (no touchscreen)?

A1. A touchscreen is required for operation of the unit for accessibility for ease of use by multiple users and to avoid loss of data due to IT issues. We also require a separate computer with software installed to be included with the unit to make plate setup and experiments easier to manage.

This machine is meant to run a lot of samples simultaneously, 4 times our current capacity, so we want to avoid losing reactions for unexpected reasons.

Q2. Is there an operational requirement making a motorized lid necessary? Would an easy lift manual lid be acceptable?.

A2. An easy lift manual lid would be acceptable as long as there is a motorized heated lid after the lid is

(2) To make the following changes:

Reference: ANNEX "A" STATEMENT OF REQUIREMENT

DELETE- ANNEX "A" STATEMENT OF REQUIREMENT; and

INSERT- ANNEX "A" STATEMENT OF REQUIREMENT (Revised September 14, 2020)

Reference : ANNEX "C" MANDATORY TECHNICAL CRITERIA

DELETE- ANNEX "C" MANDATORY TECHNICAL CRITERIA; and

INSERT- ANNEX "C" MANDATORY TECHNICAL CRITERIA (Revised September 14, 2020)

If your bid has already been forwarded and you wish to revise same, this revision should be sent either in a sealed envelope and mailed to the above address or by facsimile (902) 566-7514 and reach the undersigned before the appropriate closing date. The solicitation number and the closing date are to be shown on the outside of the sealed envelope or on the facsimile transmission.

All other terms and conditions of the solicitation document remain unchanged.

All enquiries concerning this amendment are to be forwarded to:

Name: Sonia Stockman
Telephone No: (506) 961-7412

ANNEX "A" STATEMENT OF REQUIREMENT (updated September 14, 2020)

Requirement

To supply and deliver one (1) 384 Well QPCR Thermocycler. All technical specifications and components mentioned in this Annex are mandatory. Delivery address:

Agriculture and Agri-Food Canada
440 University Avenue
Charlottetown, PE C1A 4N6

384 WELL QPCR THERMOCYCLER

Mandatory Requirements	
1	Quantitative real time polymerase reaction (QPCR) machine able to run 384-well format sample plates.
2	Minimum number of light channels – 4
3	Minimum heating and cooling ramp speed – 2°C per second
4	Minimum temperature accuracy – 0.25°C at 90°C
5	Temperature uniformity of 0.4°C or less
6	Touchscreen integrated into the machine
7	Separate computer with software for run setup and data analysis included
8	Must include at least one of the following: -Motorized lid; or -Motorized drawer; or -Easy lift manual lid with a motorized heated lid after the lid is closed
9	Must be able to run reactions with the following dyes: - FAM, SYBR green, HEX, Texas Red & CY5
10	Sample reaction volume range at least between 10µL to 20µL.

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pei005
CCC No./N° CCC - FMS No./N° VME

11	Minimum number of multiplexing targets – 4
	Delivery Requirements
12	Must be able to deliver on or before March 31, 2021 to: Agriculture and Agri-Food Canada 440 University Avenue Charlottetown, PE C1A 4N6

ANNEX "C" MANDATORY TECHNICAL CRITERIA (updated September 14, 2020)

Bids MUST meet the mandatory requirements specified below. To demonstrate that all requirements of the technical specifications are respected, bidders MUST respond with complete specifications and/or descriptive literature of the equipment being offered.

The complete specifications and/or descriptive literature should be submitted with the proposal but may be submitted afterwards. If the complete specifications and/or descriptive literature are not submitted with the proposal, the Contracting Authority will so inform the Bidder and provide the Bidder with a time frame within which to meet this requirement. Failure to comply with the request of the Contracting Authority and meet the requirement within that time period will render the bid non-responsive.

Any proposal which fails to meet all mandatory specifications and requirements will be deemed non-responsive. Each requirement should be addressed separately.

Technical Specifications for: 2020/2021: 384 WELL QPCR THERMOCYCLER

Technical Specifications		Supplier's Cross Reference to Technical Offer (indicate page #)	Supplier Comments:
Mandatory Requirements			
1	Quantitative real time polymerase reaction (QPCR) machine able to run 384-well format sample plates.		
2	Minimum number of light channels – 4		
3	Minimum heating and cooling ramp speed – 2°C per second		
4	Minimum temperature accuracy – 0.25°C at 90°C		
5	Temperature uniformity of 0.4°C or less		
6	Touchscreen integrated into the machine		
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Technical Specifications		Supplier's Cross Reference to Technical Offer (indicate page #)	Supplier Comments:
8	Must include at least one of the following: -Motorized lid; or -Motorized drawer; or -Easy lift manual lid with a motorized heated lid after the lid is closed		
9	Must be able to run reactions with the following dyes: - FAM, SYBR green, HEX, Texas Red & CY5		
10	Sample reaction volume range at least between 10µL to 20µL.		
11	Minimum number of multiplexing targets – 4		
Delivery Requirements			
12	Must be able to deliver on or before March 31, 2021 to: Agriculture and Agri-Food Canada 440 University Avenue Charlottetown, PE C1A 4N6	Indicate YES or NO	

Name of Manufacturer: _____

Model/Part Number: _____