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NA
Manitoba

**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 -
Western Region
Victory Building/Édifice Victory
Room 310/pièce 310
269 Main Street/269 rue Main
Winnipeg
Manitoba
R3C 1B3

Title - Sujet Solid State Fermentation System	
Solicitation No. - N° de l'invitation 31029-210706/C	Amendment No. - N° modif. 003
Client Reference No. - N° de référence du client 31029-210706	Date 2021-03-08
GETS Reference No. - N° de référence de SEAG PW-\$WPG-015-11167	
File No. - N° de dossier WPG-0-43093 (015)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Central Standard Time CST on - le 2021-03-16 Heure Normale du Centre HNC	
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: Klassen, Chaz	Buyer Id - Id de l'acheteur wpg015
Telephone No. - N° de téléphone (204) 296-6920 ()	FAX No. - N° de FAX (418) 566-6167
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 being raised to address the following questions with regards to solicitation No 31029-210706/C

Part A: Questions and Answers

Q1. With reference to section "6.4.1 Delivery Date"

This type of system is built to order. It is not possible to deliver it before May 1, 2021 considering the fact that it is not clear when exactly the contract will be awarded. We kindly request to accept delivery time of 22 weeks ARO.

A1. The delivery date requirement is amended to reflect delivery and installation on or before August 31, 2021.

Q2. Please clarify if you need onsite installation to be provided by the contractor or you only need remote assistance, and the system will be installed by NRC?

A2. As this is an entirely new system to us and we do not have any in-house expertise in this area, NRC requires on-site installation by vendor technician.

Q3. If onsite installation is mandatory, then the training can also be done onsite without any additional costs. Remote training does not make sense. Please clarify.

A3. The requirement has been updated to detail that on-site training is required.

Q4. Please advise if CSA certification is mandatory and you need the Whole system to be CSA certified with label.

A4. The product must conform with the CSA, cUL (UL-Canada certified), UL, or cETL standards. The equipment must display the label indicating the certification.

Part B: Revisions to the Request for Proposal

1. At page 9 of 17, 6.4 Term of Contract:

DELETE: The period of the Contract is from date of Contract to August 1, 2021 inclusive. INSERT: The period of the Contract is from date of Contract to October 1, 2021 inclusive.

2. At page 9 of 17, 6.4.1 Delivery Date:

DELETE: All the deliverables must be received on or before May 1 2021.

INSERT: All the deliverables must be received on or before August 31 2021.

3. At page 13 of 17, Annex A – Statement of Work:

DELETE: To supply, install and provide training for a Solid State Fermentation (SSF) system, for National Research Council, Saskatoon, SK, in accordance with the Specifications detailed in Annex A. Delivery is requested by May 1, 2021.

INSERT: To supply, install and provide training for a Solid State Fermentation (SSF) system, for National Research Council, Saskatoon, SK, in accordance with the Specifications detailed in Annex A. Delivery is required by August 31 2021.

4. At page 14 of 17, Compliance Matrix:

DELETE: the Compliance Matrix in its entirety

INSERT: _____

COMPLIANCE MATRIX – MINIMUM MANDATORY PERFORMANCE SPECIFICATIONS:

Requirement:	Manufacturer(s) Offered:	Model Number(s) Offered:
Solid State Fermentation (SSF) system		

Item #	Performance Specification	Status (M) Mandatory	Performance Specification Offered: Bidder should indicate how they meet the performance specification by recording this information in this column	Cross Reference: In this column, Bidders should cross-reference where this performance specification is indicated in their supporting documents
1	The proposed system must offer a Tri-mode controller which can operate various fermentation vessels including Solid State, Jacketed, and Single vessels.	M		
2	The proposed system must maintain control of the chosen sample temperature during processing. Temperature regulation by a built-in heat exchanger and an external or internal chiller.	M		
3	The proposed system must have the flexibility to accommodate different vessels, with volume range from 0.5 to 20 litres. The Solid State fermentation vessel must have a minimum volume of 5 litres and a maximum of 20 litres.	M		
4	The proposed system must offer gas mass flow control with maximum of four controllers in one gas mixing station.	M		
5	The proposed system must have the ability for upgrading to offer remote control monitoring for minimum of 10 systems.	M		
6	The proposed system must have the ability for upgrading to offer Cell-density monitoring. The cell density equipment is not included in this purchase.	M		
7	The proposed system must allow Solid State Fermentation vessel to be	M		

	rotated from 0° - 90°, as well as 120° for harvesting.			
8	The proposed system must include a sterilization function of the fermentation vessel and substrate.	M		
9	The proposed system must offer a minimum of 4 peristaltic pumps to supply vessel additions.	M		
10	The proposed system must offer after sales support and maintenance by vendors in-house service department. Support may also include: travel by vendor to on-site location for repair, availability of parts for user installation, technical support, and availability of optional vessel types and probes for future considerations.	M		
11	The product must conform with the CSA, cUL (UL-Canada certified), UL, or cETL standards. The equipment must display the label indicating the certification.	M		
12	Technical documentation: The Solid State Fermentation system must include at least one operating manual in English upon delivery.	M		
13	Installation: the contractor must provide onsite installation by a Contractor's technician.	M		
14	Training: The Contractor must include on-site training of 2-3 operators.	M		

5. At page 16 of 17, Basis of Payment:

DELETE: While delivery is requested by March 1, 2021, the best delivery that could be offered is _____.

INSERT: While delivery is requested by August 31, 2021, the best delivery that could be offered is _____.