



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Bid Receiving - PWGSC / Réception des soumissions -
TPSGC

11 Laurier St. / 11, rue Laurier

Place du Portage, Phase III

Core 0B2 / Noyau 0B2

Gatineau, Québec K1A 0S5

Bid Fax: (819) 997-9776

**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

Fuel & Construction Products Division
L'Esplanade Laurier,
140 O'Connor Street,
East Tower, 4th floor,
Ottawa
Ontario
K1A 0S5

Title - Sujet Bottom Loading Furnace High-Temperature Bottom Loading Furnace	
Solicitation No. - N° de l'invitation 23240-220512/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client 23240-220512	Date 2021-11-26
GETS Reference No. - N° de référence de SEAG PW-\$\$HL-671-80547	
File No. - N° de dossier hl671.23240-220512	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Standard Time EST on - le 2021-12-15 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: Hiltz, Jackson	Buyer Id - Id de l'acheteur hl671
Telephone No. - N° de téléphone (613) 296-6611 ()	FAX No. - N° de FAX () -
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

Amendment number 001 to Request for Proposal (RFP) 23240-220512/A which closes December 15, 2021 at 2:00 p.m. is raised to:

1. Incorporate the following responses to questions from bidders and additional information into the solicitation:

Q1: What temperature is the furnace rated to in inert atmospheres?

A1: There is no specific requirement regarding the temperature rating of the furnace in inert atmosphere. However, item 6 of Annex A and item 2a of Annex B specify that the furnace must be equipped with an envelope or enclosure around the load allowing operation in inert atmosphere. Consequently, only the envelope or enclosure must be under inert atmosphere conditions, not the entire heated workspace.

Q2: What type of liner holds up to 1800°C in air?

A2: The intent of item 4 (Annex A) and item 1c (Annex B) is to provide a refractory liner within the heated workspace that will protect the heating elements from sample contamination. An adequate ceramic-based liner will withstand the required temperatures, exceeding 1725°C as per requirement 1b of Annex B.

Q3: How can you quench and not break any protective liner?

A3: As per item 1c of Annex B, the required liner must surround the central part of the heated workspace to protect the heating elements from sample contamination. Therefore, when the sample load standing on the platform of the bottom loading mechanism is raised and lowered (quenched), the liner simply remains in place within the heated workspace.

Q4: How can you quench if you are opening the furnace to air and you are under inert? You lose the atmosphere.

A4: As per the answer to question Q1, item 6 of Annex A and item 2a of Annex B specify that the furnace must be equipped with an envelope or an enclosure around the sample allowing operation in inert atmosphere. Consequently, although there is no specific requirement regarding quenching under inert atmosphere, such an enclosure, for example, if fed from the bottom platform, could be lowered with the bottom loading mechanism while keeping the inert conditions.

All other terms and conditions of the Request for Proposal remain unchanged.
