



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Bid Receiving Public Works and Government
Services Canada/Réception des soumissions Travaux
publics et Services gouvernementaux Canada
1713 Bedford Row
Halifax, N.S./Halifax, (N.É.)
Halifax
Nova Scotia
B3J 1T3
Bid Fax: (902) 496-5016

**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

THIS DOCUMENT CONTAINS A SECURITY
REQUIREMENT

Vendor/Firm Name and Address

Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Atlantic Region Acquisitions/Région de l'Atlantique
Acquisitions
1713 Bedford Row
Halifax, N.S./Halifax, (N.É.)
Halifax
Nova Scot
B3J 1T3

Title - Sujet Powder Based Fusion 3D Printer	
Solicitation No. - N° de l'invitation W7707-227170/A	Amendment No. - N° modif. 003
Client Reference No. - N° de référence du client W7707-22-7170	Date 2022-03-01
GETS Reference No. - N° de référence de SEAG PW-\$HAL-219-11448	
File No. - N° de dossier HAL-1-87186 (219)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Atlantic Daylight Saving Time ADT on - le 2022-03-17 Heure Avancée de l'Atlantique HAA	
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: Richard, Linda K.	Buyer Id - Id de l'acheteur hal219
Telephone No. - N° de téléphone (902) 402-9059 ()	FAX No. - N° de FAX (902) 496-5016
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

**W7707-227170
AMENDMENT 3**

This amendment is issued in response to the following bidder questions.

Question 1

With reference to annex A, requirement : ***“Re-coater blade Only high-speed steel (HSS) or ceramic blades will be accepted.”***

Sweeper blades deposit the powder metal across the build platform. high-speed steel (HSS) or ceramic blades (hard blades) prevent the blade from catching on the metal part being printed and destroys the part and or the blade. The hard blades become a consumable and they are expensive. We use a flexible material similar to a windshield wiper blade which is much more efficient. This requirement limits the competition toward only a specific manufacturer in the market and does not make sense. Please clarify why the blades must only be high-speed steel (HSS) or ceramic?

Answer 1:

We will accept a machine that has the option of having hard recoaters, such as ceramic and High Speed Steel, for enhanced repeatability quality. As well as having the option of soft, flexible recoaters, such as a brush or silicone.

Question 2:

With reference to annex A, requirement : ***“Machine Dimensions: Minimum 2.4m x 1.2m x 2.1m”***
It is not clear at all why the machine must have a minimum dimension. If the customer has space limitation then a maximum limit must be defined but what is the purpose of a minimum overall dimension? Our machine has a small footprint and can meet the requested build volume. Building envelope is a key feature in 3d printer machines but what is the purpose of a minimum overall dimension? We kindly ask Canada to remove this requirement.

Answer 2:

We'll change it to a Maximum Dimension of 2.6m x 1.5m x 2.4m

Question 3:

With reference to annex A, requirement : ***“Weight of machine: Minimum 1100kg”***

It is not clear at all why the machine must have a minimum weight. If the customer has lifting or transporting issues then a maximum limit must be defined. We kindly ask Canada to remove this requirement.

Answer 3:

We'll change it to a Maximum Weight of 1300 kg

Question 4:

With reference to annex A, requirement : ***“Support: Vendor must have at least 40 Support Engineers in North America”***

Our system is not made in North America and the head quarter of the company is out of North America but we have an office in North America with sufficient support engineers for Canadian customers. What is the reason for having a minimum 40 support engineers in North America while we can support you 7 days a week with much lower active support engineers in the region. We kindly ask Canada to change this requirement to : ***“Support: Vendor must have enough Support Engineers and office in North America to fully support Canada during the contract”***

Answer 4:

Please change this to “Vendor must have support engineers and technicians in North America

Question 5:

With reference to annex A, ***requirement 5.2, Automated powder sieving and conveying system***

Please clarify what do you mean by automated? Some manufacturers offer this feature integrated with the printer. Please clarify what exactly are you looking for?

Answer 5:

We will accept a built in powder sieving and conveying system that is built into the 3D Printer

All other terms and conditions remain unchanged.