



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Travaux publics et Services gouvernementaux
Canada

Place Bonaventure, portail Sud-Oue

800, rue de La Gauchetière Ouest

7^e étage, suite 7300

Montréal

Québec

H5A 1L6

FAX pour soumissions: (514) 496-3822

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

Travaux publics et Services gouvernementaux Canada

Place Bonaventure, portail Sud-Oue

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7^e étage, suite 7300

Montréal

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Title - Sujet Fluid Bed	
Solicitation No. - N° de l'invitation 01B30-190284/C	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client 01B30-190284	Date 2019-06-19
GETS Reference No. - N° de référence de SEAG PW-\$MTA-490-15348	
File No. - N° de dossier MTA-8-41126 (490)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-07-08	
Time Zone Fuseau horaire Heure Avancée de l'Est HAE	
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes	
Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Sirois, Richard	Buyer Id - Id de l'acheteur mta490
Telephone No. - N° de téléphone (514) 718-5993 ()	FAX No. - N° de FAX (514) 496-3822
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

Solicitation No. - N° de l'invitation
01B30-190284/C
Client Ref. No. - N° de réf. du client
01B30-19-0284

Amd. No. - N° de la modif.
002
File No. - N° du dossier
MTA-8-41126

Buyer ID - Id de l'acheteur
MTA490
CCC No./N° CCC - FMS No./N° VME

AMENDMENT 002

This amendment is to provide a question/answer and to amend the Request for Proposal (Annexes A & C).

1- QUESTION AND ANSWER

Q1. Can the system be operated with conductible organic solvents?

A1. No.

2- AMEND THE REQUEST FOR PROPOSAL AS FOLLOWS.

DELETE ENTIRELY

Annex A – Item 2.8

The system must allow batch drying from 0.2 kilograms (kg) to at least 1kg.

Annex A - Item 2.15

The system must have inlet filters with the following specification: Process Inlet filter HEPA, efficiency 99.97% min @ 0.3 microns, boron silicate microfibre. Life expectancy designated by the manufacturer of the filters.

A set of additional filters must be provided upon delivery.

Annex A - Item 2.18

The equipment must be equipped with a control system and display the atomization air pressure, inlet process air temperature, output temperature, product temperature. The device must have a data acquisition system.

The control system must be able to control using a programmable logic controller. The operator must be able to initiate activation process parameters via the operator interface panel.

Annex A – Item 2.20

The system must be compliant with the electrical standards in place in the province of Quebec. A proof will be required at the time of delivery at the latest. Proof: The system must have an approval issued by a body accredited by the Standards Council of Canada and recognized by the provincial authority having jurisdiction, the Régie de Bâtiment du Québec.

INSERT

Annex A - Item 2.8

The system should allow drying in batch mode between 0.2 kilograms (kg) and 2.5 kg. (maximum spray capacity between 200ml and 2500ml and the lower spray capacity between 200 and 2500ml). These quantities may vary depending on the density of the product and the parameters of the process.

Annex A – Item 2.15

The system must be equipped with an input filter with the following specifications: HEPA process input filter, 99.97% min efficiency - 0.3 micron, boron silicate microfiber or H13 filters (according to EN1822-1) standard for inlet air and air atomization. Similar quality input filters is also accepted. The system must be equipped with an E10 or higher grade for outlet air filter.

An additional set of filters will need to be provide with equipment delivery.

Annex A – Item 2.18

The equipment must be equipped with a control system and display the atomization air pressure, the air temperature of the entry process, the output temperature, the temperature of the product. The device must have a data acquisition system. (A single interchangeable sensor for product temperature and output temperature is also accepted).

The control system must be able to control with the help of a programmable logic controller. The operator must be able to initiate the activation process settings via the operator's interface panel

DELETE ENTIRELY

ANNEX "C" MANDATORY TECHNICAL CRITERIA TO BE DEMONSTRATED

Criteria no.	Criteria description	Reference within your Technical bid (Page and/or Section)
2.1	All components that come into direct contact with the product must be made of ANSI 316L stainless steel and the other stainless steel components must be 304.	
2.2	Exterior finish must be rustproof or painted steel.	
2.3	The system and its components must be water resistant and must be accessible for cleaning operations.	
2.4	The unit or all its components (before assembly) must be able to pass through a door with the following dimensions at the time of delivery: 7 feet wide (7 ') and 10 feet high (10').	
2.5	Main power supply. The system must be compatible with one of the following electrical systems: 60 Hz (Hz) and 120 volt (V) single-phase, 208 volt (V) single-phase, 208V three-phase, single-phase 347V or 600V three-phase.	
2.6	The fluidized bed system must allow the following drying techniques: granulation, agglomeration and coating.	
2.7	The system should allow coating by the Wurster technique. The Wurster system must be able to process with different particle size: 100-250 µm, 250-750 µm, 750-3000 µm.	
2.8	The system must allow batch drying from 0.2 kilograms (kg) to at least 1.0kg.	
2.9	The system must have a minimum spray rate of 2 liters per hour (L / h).	
2.10	The system must be provided with a pump system to feed the fluidized bed atomization nozzle.	
2.11	The system must allow heating of the intake air (minimum 20° C) to at least 80 ° C using an electric heating system.	
2.12	The system must be provided with binary atomization nozzles with connections for compressed air and liquid.	
2.13	The system must allow spraying either from the top or the bottom of the drying chamber.	

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2.14	The system must have a compressed air intake regulator. The system must allow air compression of at least 6 bars.	
2.15	<p>The system must have inlet filters with the following specification: Process Inlet filter HEPA, efficiency 99.97% min @ 0.3 microns, boron silicate microfibre. Life expectancy designated by the manufacturer of the filters.</p> <p>A set of additional filters must be provided upon delivery.</p>	
2.16	The system must be capable of treating ST2 class powders.	
2.17	The unit must be a system without static electricity build-up.	
2.18	<p>The equipment must be equipped with a control system and display the atomization air pressure, inlet process air temperature, output temperature, product temperature. The device must have a data acquisition system.</p> <p>The control system must be able to control using a programmable logic controller. The operator must be able to initiate activation process parameters via the operator interface panel.</p>	
2.19	The control system must allow USB connection to allow free extraction of data.	

INSERT

ANNEX "C" MANDATORY TECHNICAL CRITERIA TO BE DEMONSTRATED

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2.9	The system must have a minimum spray rate of 2 liters per hour (L / h).	
2.10	The system must be provided with a pump system to feed the fluidized bed atomization nozzle.	
2.11	The system must allow heating of the intake air (minimum 20° C) to at least 80 ° C using an electric heating system.	

2.12	The system must be provided with binary atomization nozzles with connections for compressed air and liquid.	
2.13	The system must allow spraying either from the top or the bottom of the drying chamber.	
2.14	The system must have a compressed air intake regulator. The system must allow air compression of at least 6 bars.	
2.15	The system must be equipped with an input filter with the following specifications: HEPA process input filter, 99.97% min efficiency - 0.3 micron, boron silicate microfiber or H13 filters (according to EN1822-1) standard for inlet air and air atomization. Similar quality input filters is also accepted. The system must be equipped with an E10 or higher grade for outlet air filter.	
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2.19	The control system must allow USB connection to allow free extraction of data.	

All other terms and conditions remain unchanged.