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Bid Receiving Public Works and Government
Services Canada/Réception des soumissions Travaux
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Government of Canada Building
101 - 22nd Street East, Suite 110
Saskatoon
Saskatchewan
S7K 0E1
Bid Fax: (306) 975-5397

**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/Réception des soumissions Travaux publics et
Services gouvernementaux Canada
Government of Canada Building
101 - 22nd Street East
Suite 110
Saskatoon
Saskatche
S7K 0E1

Title - Sujet Autoclave and/or Orbital Shakers	
Solicitation No. - N° de l'invitation 39903-200398/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client 39903-200398	Date 2020-01-31
GETS Reference No. - N° de référence de SEAG PW-\$STN-190-5243	
File No. - N° de dossier STN-9-42047 (204)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2020-02-13	
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: Simonson, Sheena	Buyer Id - Id de l'acheteur stn204
Telephone No. - N° de téléphone (306) 241-1169 ()	FAX No. - N° de FAX (306) 975-5397
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Canadian Food Inspection Agency c/o: The Public Health Agency of Canada Unit 41 – 820 Berry St. Winnipeg, MB, R3H 1H2	

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 raised to respond to the following questions regarding the **Orbital Shakers** only:

Question:

In order to be precise, since space may be an issue, I would like to clarify the definition of L x W x H [Item 15: Maximum Exterior Dimensions (L x W x H): 34 x 53.5 x 26 in. (86.36 x 135.89 x 66.04 cm)]. The H is not a problem as it is understood to mean distance from top to bottom. L & W are usually not as clear as folks from some parts of the world interpret these in different ways. Some folks refer to the distance from front to back to front as L, while others use D meaning depth; not height. Some folks refer to the distance of right to left as width (W), while others may call it the breath. I would appreciate the clarification of dimensions from the front to back as well as from the right to left of the equipment. When standing in front of the orbital shaker facing the orbital shaker, is the front to back dimension referred to as W (width)? When standing in front of the orbital shaker, is the left to right dimension referred to as L (length)? If not, please describe what L and W refer to.

Response:

What is labelled above is not how I would normally label it but this is how the dimensions seemed to be quoted when I looked at different pieces of equipment. From what you have above the L is back to front (35 inches/ 88.9 cm) and the W is left to right (53.5 inches/ 135.89cm) When I look at the equipment the largest face is what I am looking at.

Question:

When stacked it is usually good to have a floor stand which would also add height. Do you require a floor stand?

Response:

Response per Amendment 001 reads "We would desire a base riser, if it is provided with the orbital shakers without additional cost to CFIA. Preferably 12 inch base riser."

Question:

Will a speed of 25- 300 rpm be sufficient? When stacking some unit you will lose max speed capability of the unit?

Response:

Mandatory specification item #9 indicates "Speed: 25 to 400 rpm. Must meet or exceed this range." We do not want to lose speed capability.

Question:

Will the following external dimension of the unit meet your need L X W X H: 34.2 x 46.5 x 24.8 in (where "L" is back to front (34.2 in) and the "W" is left to right (46.5 in) looking at the largest face of the equipment)? If yes, this unit is capable to work from speed 20-400 rpm when stacked.

Response:

Yes. The length could be up to 35 inches instead of 34 inches and not impede the pathway. These are all exterior specifications.

Question:

Can you provide the complete area (w x d x h) available where the unit will be installed and stacked?

Response:

Maximum Dimensions Exterior (L X W X H) of each orbital shaker: 35 x 53.5 x 26 in. (88.9 x 135.89 x 66.04 cm). "L" is back to front (35 inches/ 88.9 cm) and the "W" is left to right (53.5 inches/ 135.89cm) looking at the largest face of the equipment. There is not a lot of extra space as we are limited due to being in containment. The length may be 35 in without blocking the pathway. The width cannot be any larger than 53.5in, this is the major limiting factor. The height must be maximum 26 inches, for ease of access to the top shaker.

Note that each orbital shaker unit must not exceed the maximum dimensions exterior indicated above. The "W" is the largest/longest face of the equipment which has to be where the door to the equipment is located as it is the face that is accessible. The other sides are confined by walls and a bench. The space allocated is 59 inches wide (W) but it is restricted by a pipe along part of one side and the back wall which loses 4 inches of "W" hence the maximum dimensions exterior "W" of the orbital shaker is shorter than this. An "L" of 35 inches allows no impediment to the walking area. I believe our ceilings are about 9 feet tall so 8 feet is the maximum height of stacked orbital shakers (with flexibility for a base riser) to not cause airflow issues, but as stated the maximum dimensions exterior H of the orbital shakers should only be 26 inches each for ease of access.

Question:

In Amendment #0011, you answered delivery is required to the loading dock. Does that mean the customer will move the unit to the point of installation?

Response:

Yes

Question:

In regards to mandatory specification item #8 "Capacity: Minimum six 2L Erlenmeyer flasks. Maximum Twelve 2L Erlenmeyer flasks", would you please clarify is this the capacity of each unit or it is for sum of two incubator orbital shakers?

Response:

For each unit

Question:

In regards to mandatory specification item #9 "Speed: 25 to 400 rpm. Must meet or exceed this range", our offer for incubator shakers cannot operate at this high speed (400 RPM) when they are stacked, although our offered system can meet this requirement during operation as a single unit, not stacked. Would you please clarify is this the speed of each unit before stacking or after the two units has been stacked?

Response:

After the two units have been stacked

Question:

In regards to mandatory specification item #15 "Maximum Exterior Dimensions (L x W x H): 34 x 53.5 x 26 in. (86.36 x 135.89 x 66.04 cm), the dimension of our offered system is 33.2"W x 23.6"D x 41.7"H. Is it acceptable to have height more than requested maximum size for each unit? Please confirm if a system that is 33.2"W x 23.6"D x 41.7"H will be acceptable.

Response:

No. If you stack 2 at a height of 41.7inches that will be too high to be easily accessible.

This amendment is also raised to delete the following from Annex "A" Requirement II) Large (floor) Stackable Incubated Orbital Shaker Specifications:

15	Maximum Exterior Dimensions (L x W x H): 34 x 53.5 x 26 in. (86.36 x 135.89 x 66.04 cm).	
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And replace with the following:

15	Maximum Exterior Dimensions (L x W x H): 35 x 53.5 x 26 in. (88.9 x 135.89 x 66.04 cm). "L" is back to front (86.36cm) and the "W" is left to right (135.89cm) looking at the largest face of the equipment.	
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ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME