



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Bid Receiving 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
Sask.
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 Seed Colour Sorter - Saskatchewan	
Solicitation No. - N° de l'invitation 01R11-180097/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client 01R11-180097	Date 2017-08-10
GETS Reference No. - N° de référence de SEAG PW-\$STN-191-5001	
File No. - N° de dossier STN-7-40010 (191)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-08-29	
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: Gerstmar, Denise	Buyer Id - Id de l'acheteur stn191
Telephone No. - N° de téléphone (306) 241-1018 ()	FAX No. - N° de FAX (306) 975-5397
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
01R11-180097/A

Amd. No. - N° de la modif.
001

Buyer ID - Id de l'acheteur
stn191

Client Ref. No. - N° de réf. du client
01R11-180097

File No. - N° du dossier
STN-7-40010

CCC No./N° CCC - FMS No./N° VME

This amendment is for solicitation 01R11-180097/A.

Question 1

On the technical evaluation (4.1.1.2), the criteria for fusarium reduction is rated based on the reduction percentage. As you know, the commercial optical sorters cannot reduce fusarium by 90%. Typical reductions are around 50-60%. Therefore, all commercial machines will fail to get the points on this. Also, how will you factor in the product loss?

Answer 1

As you know, the reduction is closely related by rejection ratio. For example two machines may produce the same reduction rate but the rejection on one machine could be substantially bigger than the other one. Logically the machine with more quantity of good product will be the winner in such scenario. Buhler was kind to evaluate one of my samples of Durum wheat in the past. Starting fusarium was over 18%, the sort accepted samples had ~6%.

Question 2

Could you please explain Item B on 4.1.1.2? I am not sure how the results will be evaluated.

Answer 2

If the offered Seed Colour Sorter meets the mandatory spec, the bidder will be sent two (2) 40Kg seed samples for the performance evaluation.

Question 3

Most commercial optical sorters will not have the 0.15mm resolution on the InGaAs cameras. Will the frequency matter if the machine performs the best fusarium removal with the least product loss?

Answer 3

To my knowledge most have. Please be specific and provide examples to support your query.

Question 4

Will you be measuring signal to noise ratio on the cameras? The problem associated with very high resolution cameras, is that the signal to noise ratio will be reduced which will negatively impact the sort.

Answer 4

I will not do that as I am not equipped for that. Further, it does not matter to me as I am interested in the final sorted product with minimum loss of good seed. How that is achieved, the manufacturer's technical team will take care of it.

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Question 5

Will the wavelengths of the cameras be measured? As you may know, the wavelength of IR cameras will have the biggest impact on fusarium detection

Answer 5

As I explained in the previous answer, I am interested in the final good product with minimum loss of good seed. Which wavelength or even a combination of wavelengths is used to achieve that it does not matter to me as long as it does not affect the seed quality.

Question 6

Picking one or two technical parameters may not provide the best indication of the performance. Every company has its own proprietary technology and the best criteria would be to look at the performance: what reduction could be achieved at a certain capacity and what is the product loss.

Also measuring the performance should be in relation to practical results. For example, if the lowest reduction which gets any point in the test is 97%, nobody will get any points. In other words there won't be any difference between the machine which achieves 70% reduction and the one which does only 10%. Also, the product loss will be an important factor here; so that we don't reject 90% of the product in order to achieve the requested cleanliness level.

Answer 6

This was explained in answering question # 1. Department is interested in quality as well as quantity of the final product. This will be an important performance indicator.