



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Bid Receiving Public Works and Government
Services Canada/Réception des soumissions Travaux
publics et Services gouvernementaux Canada
Room 1650, 635 8th Ave. S.W.
Calgary
Alberta
T2P 3M3
Bid Fax: (403) 292-5786

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

Public Works and Government Services Canada/Travaux
publics et Services gouvernementaux Canada
Room 1650, 635 8th Ave. S.W.
Calgary
Alberta
T2P 3M3

Title - Sujet Liquid Scintillation Counter	
Solicitation No. - N° de l'invitation W7702-186044/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client W7702-186044	Date 2018-02-21
GETS Reference No. - N° de référence de SEAG PW-\$CAL-140-6705	
File No. - N° de dossier CAL-7-40094 (140)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2018-03-02	
Time Zone Fuseau horaire Mountain Standard Time MST	
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: Saboungi, Rana	Buyer Id - Id de l'acheteur cal140
Telephone No. - N° de téléphone (403) 680-8394 ()	FAX No. - N° de FAX (403) 292-5786
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

This amendment is being raised to answer the following questions and make the following changes regarding solicitation W7702-186044/A:

1. Questions and Answers

Question 1

Maximum Width: 120cm, Maximum Depth: 85cm and Maximum Height: 50cm

May we ask if the customer would accept dimension specifications of W=125cm Depth=64cm Height=50cm?

Our solution has a unique sliding door mechanism where the specifications as exactly to what is described and does not need additional space aside from an attached computer.

Answer 1

To be clear, the specified dimension is the **maximum**, including computer. The instrument has to fit within an existing space.

Question 2

Capability to load a minimum of 300 x 20 mL or 500 x 7 mL vials in a single loading.

We have found with our HIDEX 600 SL that 200 x 20 ml vials is usually more than enough for research labs but would this lower capacity of 200 x 20mL be acceptable?

Answer 2

No. Our lab assays frequently run in excess of 250 tubes.

Question 3

Minimum 4000 channel spectrum analyzer.

Would the end user accept to have a system with up to 5 x logarithmic MCAs working simultaneously? We have found that with our solution using 1024 channel logarithmic MCAs you can cover spectra of beta isotopes better than a 4000 ch linear MCA can. 1024 channels in logarithmic scale has resolution from 0.02 keV/ch to about 10 keV/ch. As an example we cover unquenched H-3 spectra ROI with above 300 channels while there is only 36 channels in linear 4000 ch MCA (i.e. logarithmic MCA includes 10 times more spectral info on H-3 region)! C-14 spectra is covered by 600 channels in logarithmic MCA while in linear MCA you have only about 300 ch. For alpha isotopes like Rn-222 with its beta daughters the difference in resolution is even bigger favoring logarithmic MCA.

Answer 3

Yes, this would be an acceptable alternative.

Question 4

Integrated external standard (Ba-133 typical) for quench correction.

Would the end user accept using a Eu-152 standard?

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W7702-186044/A
Client Ref. No. - N° de réf. du client
W7702-186044

Amd. No. - N° de la modif.
002
File No. - N° du dossier
CAL-7-40094

Buyer ID - Id de l'acheteur
ca1140
CCC No./N° CCC - FMS No./N° VME

Our solution can perform quench correction by using the triple-to-double coincidence ratio (TDCR) method, which is an absolute counting method not requiring external standard sources. In addition for measurement of unknown samples, you can use TDCR method to measure the absolute activity of the standards used in the lab – also rare isotopes.

Answer 4

Yes this would be acceptable.

2. On Page 11 of 20, Annex “A” – Requirement

DELETE

No.	Specification
8	Integrated external standard (Ba-133 typical) for quench correction.

INSERT

No.	Specification
8	Integrated external standard (Ba-133 typical or Eu-152 standard) for quench correction.

3. On Page 15 of 20, COMPLIANCE MATRIX – MINIMUM MANDATORY PERFORMANCE SPECIFICATIONS

DELETE

M8	Integrated external standard (Ba-133 typical) for quench correction.
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INSERT

M8	Integrated external standard (Ba-133 typical or Eu-152 standard) for quench correction.
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ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME