



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Public Works and Government Services / Travaux
publics et services gouvernementaux
Kingston Procurement
Des Acquisitions Kingston
86 Clarence Street, 2nd floor
Kingston
Ontario
K7L 1X3
Bid Fax: (613) 545-8067

**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 / Travaux
publics et services gouvernementaux
Kingston Procurement
Des Acquisitions Kingston
86 Clarence Street, 2nd floor
Kingston
Ontario
K7L 1X3

Title - Sujet Dynamic Light Scattering Instrument	
Solicitation No. - N° de l'invitation W0114-165235/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client W0114-16-5235	Date 2016-09-30
GETS Reference No. - N° de référence de SEAG PW-\$KIN-710-6997	
File No. - N° de dossier KIN-5-44130 (710)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-10-27	
Time Zone Fuseau horaire Eastern Standard Time EST	
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: Dunphy, Ken	Buyer Id - Id de l'acheteur kin710
Telephone No. - N° de téléphone (613) 449-5116 ()	FAX No. - N° de FAX (613) 545-8067
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 issued in response to Bidder's questions and Canada's responses and to amend the mandatory performance criteria specified in Annex A, Requirement, Part 4, Instrument specifications.

Q1. The size range for particle measurements on page 12 item 3a and page 15 of 24 first Value cell in the table, if agreeable, would be changed to read <1nm – 10µm not <1nm – 50µm in order for our proposed equipment to be compliant. The size range for zeta potential need not be edited since the Omni covers 1nm – 100µm for that type of measurement (Please see page 4 "size range" in the 2nd attachment).

A1. The change in size is expected to affect only a very minimal number of samples, so the change is acceptable. The value can be modified to <1nm – 10µm. Please refer to the revised mandatory performance criteria specified in Annex A, Requirement, Part 4, Instrument specifications.

Q2. The standard warranty coverage for our proposed equipment is 1 year not 2 years: please confirm if a minimum of 2 years coverage is required and that you are thus expecting to get pricing for warranty coverage for up to 7 years?

A2. Yes, a minimum 2 years warranty on the proposed equipment is required. Additionally, we are seeking firm annual unit pricing for 5 additional years for equipment support, maintenance and software upgrades which includes software updates, annual check-up and extension of the warranty period. Please refer to the Annex B, Basis of Payment Pricing Basis B.

Q3. I have just noticed that in the Annex A Requirements, sample cells covering volumes between 10µl and 1ml are required for particle size measurements. However, there is no mention of sample volume for the zeta potential measurements.

Assuming that the requirement for 10µl in the former case means that rare or expensive samples requiring minimal consumption are to be used, we would like to know if the electrode that we provide in our Standard bundle for Zeta potential/True PALS is agreeable. That is this bundle includes the electrode BI-ZEL - Electrode assembly for aqueous systems (1,250 µL).

Or if alternative, smaller electrode volumes are desired with some added cost:

BI-SVE175	Small Volume Electrode (175 µL) for PALS only, aqueous
BI-ZEL2	Electrode assembly for aqueous systems (450 µL)

I realize that these could be added as optional items in our quote, but we have a bundling system that does not allow us to easily swap these items, so if the tender refers to the smallest volume electrode for zeta potential/True PALS, we would only offer the BI-SVE175 in our bundle. If you prefer that we list them all with the standard electrode in the bundle and the other as optional items in our offer, I will do so.

A3. Suppliers are asked to propose equipment that meet the specifications in Annex A Requirements. Optional equipment can be listed and may be considered by Canada if the proposed model clearly demonstrates they meet (or exceed) each of the mandatory performance criteria specified in Annex A, Requirement, Part 4, Instrument specifications.

ANNEX "A"
REQUIREMENT

DELETE:

3) Description of the different essential technical characteristics

a) Particle measurements:

Range of measurements: <1nm- 50µm

4) Instrument specifications

Specifications	Value
Particle measurements	Range of measurements: <1nm- 50µm
	Precision of +/-1% for size measurements
	>170° backscatter angle for nanomaterials under 20 nm
	90° angle for optimal size measurements
	Temperature range from -5°C to 90°C to cover the range of temperatures for the specific applications listed in (1)
	Temperature stability 0.1°C
	pH range from pH2 to pH12
	Autotitrator to adjust the pH while performing pH dependent size measurements analysis
	Digital correlator (as described in (3))
	Sample cells (as described in (3))
	Ability to measure changes in size of aggregation with time, temperature and time/temperature combined
	Dust Filtering algorithm

Solicitation No. - N° de l'invitation
W0114-165235/A
Client Ref. No. - N° de réf. du client
W0114-16-5235

Amd. No. - N° de la modif.
001
File No. - N° du dossier
KIN-5-44130

Buyer ID - Id de l'acheteur
KIN710
CCC No./N° CCC - FMS No./N° VME

REPLACE WITH:

3) Description of the different essential technical characteristics

a) Particle measurements:

Range of measurements: <1nm- 10µm

4) Instrument specifications

Specifications	Value
Particle measurements	Range of measurements: <1nm- 10µm
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ALL OTHER TERMS AND CONDITIONS OF THIS SOLICITATION REMAIN UNCHANGED.