

**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
**Bid Receiving - PWGSC / Réception des soumissions -**  
**TPSGC**  
**11 Laurier St./ 11 rue, Laurier**  
**Place du Portage, Phase III**  
**Core 0A1 / Noyau 0A1**  
**Gatineau, Québec K1A 0S5**  
**Bid Fax: (819) 997-9776**

## 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**  
 Scientific, Medical and Photographic Division /  
 Division de l'équipement scientifique, des produits  
 photographiques et pharmaceutiques  
 11 Laurier St./ 11 rue, Laurier  
 6B1, Place du Portage  
 Gatineau, Québec K1A 0S5

<b>Title - Sujet</b> SPECTROMETER		
<b>Solicitation No. - N° de l'invitation</b> K8A21-130091/A		<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> K8A21-130091		<b>Date</b> 2013-10-03
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$PV-883-63434		
<b>File No. - N° de dossier</b> pv883.K8A21-130091	<b>CCC No./N° CCC - FMS No./N° VME</b>	
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2013-11-12</b>		<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Standard Time EST
<b>F.O.B. - F.A.B.</b> Specified Herein - Précisé dans les présentes		
<b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input checked="" type="checkbox"/>		
<b>Address Enquiries to: - Adresser toutes questions à:</b> Saunders, Lynda		<b>Buyer Id - Id de l'acheteur</b> pv883
<b>Telephone No. - N° de téléphone</b> (819) 956-6851 ( )		<b>FAX No. - N° de FAX</b> (819) 956-3814
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>		

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>          <b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm (type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>          <b>Signature</b>	
<b>Date</b>	

Amendment 002 is raised to modify the Request for Proposal (RFP) as specified below and to provide answers to questions received to-date.

**A. MODIFICATION TO RFP**

AT **ANNEX A - TECHNICAL SPECIFICATIONS**, amend as follows:

- A1.** Under **Article 2.2.3**, delete item e) in its entirety and replace with the following:  
 “e) be able to support at least two columns (2.1 x100 mm) with precolumns.”
- A2.** Under **Article 2.5.2**, delete item h) in its entirety and replace with the following:  
 “h) be able to provide and, perform installation qualifications (IQ), operational qualification (OQ) for each component of the UHPLC and Q-TOF MS system (including software) and performance qualification for the entire system.”
- A3.** Under **Article 2.5.3**, delete item c) in its entirety and replace with the following:  
 “c) have the ability to switch polarity between MS runs.”

**ALL OTHER TERMS AND CONDITIONS OF THE RFP REMAIN UNCHANGED.**

**B. QUESTIONS AND ANSWERS**

**ANNEX A - TECHNICAL SPECIFICATIONS**

- Q1.** **Article 2.2.3 Thermostated column compartment must:** “e) be able to support at least four columns (2.1 x100 mm) with precolumns.”

**Would it be possible to consider:**

**Be able to support 2 columns (2.1 x100 mm) with precolumns.**

- A1.** See “MODIFICATION TO THE RFP”, A1. above.
- Q2.** **Article 2.5.2 The operating system software for the UHPLC/Q-TOF MS control must:**  
 “h) be qualified for use in a GLP/GMP compliant environment. The vendor must be able to provide and, perform installation qualification (IQ), operational qualification (OQ) for each component of the UHPLC and Q-TOF MS system (including software) and performance qualification for the entire system.”
- Would it be possible to consider this Specification be removed.**
- A2.** No. See “MODIFICATION TO THE RFP, A2. Above.
- Q3.** **Article 2.5.3 The software must:** “c) be able to acquire simultaneous positive and negative ion data during a single UHPLC/Q-TOF MS experiment.”
- Would it be possible to consider and replace by:**  
**Have the ability to switch polarity between an MS experiment.**
- A3.** See “MODIFICATION TO THE RFP”, A3. above.

Solicitation No. - N° de l'invitation

K8A21-130091/A

Client Ref. No. - N° de réf. du client

K8A21-130091

Amd. No. - N° de la modif.

002

File No. - N° du dossier

pv883K8A21-130091

Buyer ID - Id de l'acheteur

pv883

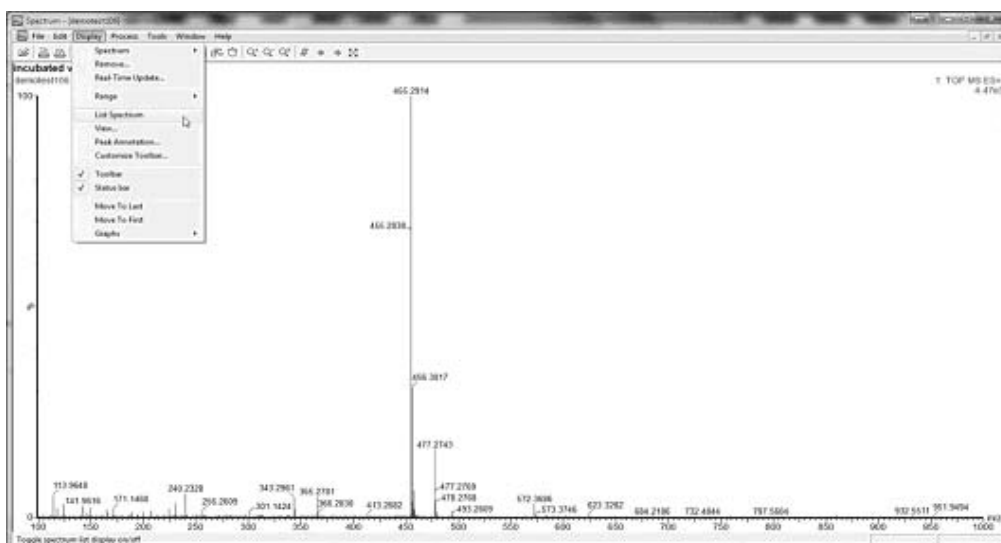
CCC No./N° CCC - FMS No/ N° VME

**Q4. Article 2.5.4 The software must acquire spectral data in:**  
**“c) Tabular listing data mode”**

**Would it be possible to confirm if the information below is acceptable as tabular data ?**

**A4. Yes.**

Acquired spectral data:



Spectral data converted into Tabular data:

Incubated wrap, fold											TOP 400										
No.	Wavenumber (cm⁻¹)	Intensity	No.	Wavenumber (cm⁻¹)	Intensity	No.	Wavenumber (cm⁻¹)	Intensity	No.	Wavenumber (cm⁻¹)	Intensity	No.	Wavenumber (cm⁻¹)	Intensity	No.	Wavenumber (cm⁻¹)	Intensity				
1	1020.0148	0.02	30	1022.3848	0.02	59	1021.8148	0.02	128	1020.3628	0.02	207	1020.3628	0.02	386	1020.3628	0.02				
2	1020.0218	0.02	31	1022.3848	0.02	60	1021.8148	0.02	129	1020.3628	0.02	208	1020.3628	0.02	387	1020.3628	0.02				
3	1020.0278	0.02	32	1022.3848	0.02	61	1021.8148	0.02	130	1020.3628	0.02	209	1020.3628	0.02	388	1020.3628	0.02				
4	1020.0338	0.02	33	1022.3848	0.02	62	1021.8148	0.02	131	1020.3628	0.02	210	1020.3628	0.02	389	1020.3628	0.02				
5	1020.0398	0.02	34	1022.3848	0.02	63	1021.8148	0.02	132	1020.3628	0.02	211	1020.3628	0.02	390	1020.3628	0.02				
6	1020.0458	0.02	35	1022.3848	0.02	64	1021.8148	0.02	133	1020.3628	0.02	212	1020.3628	0.02	391	1020.3628	0.02				
7	1020.0518	0.02	36	1022.3848	0.02	65	1021.8148	0.02	134	1020.3628	0.02	213	1020.3628	0.02	392	1020.3628	0.02				
8	1020.0578	0.02	37	1022.3848	0.02	66	1021.8148	0.02	135	1020.3628	0.02	214	1020.3628	0.02	393	1020.3628	0.02				
9	1020.0638	0.02	38	1022.3848	0.02	67	1021.8148	0.02	136	1020.3628	0.02	215	1020.3628	0.02	394	1020.3628	0.02				
10	1020.0698	0.02	39	1022.3848	0.02	68	1021.8148	0.02	137	1020.3628	0.02	216	1020.3628	0.02	395	1020.3628	0.02				
11	1020.0758	0.02	40	1022.3848	0.02	69	1021.8148	0.02	138	1020.3628	0.02	217	1020.3628	0.02	396	1020.3628	0.02				
12	1020.0818	0.02	41	1022.3848	0.02	70	1021.8148	0.02	139	1020.3628	0.02	218	1020.3628	0.02	397	1020.3628	0.02				
13	1020.0878	0.02	42	1022.3848	0.02	71	1021.8148	0.02	140	1020.3628	0.02	219	1020.3628	0.02	398	1020.3628	0.02				
14	1020.0938	0.02	43	1022.3848	0.02	72	1021.8148	0.02	141	1020.3628	0.02	220	1020.3628	0.02	399	1020.3628	0.02				
15	1020.0998	0.02	44	1022.3848	0.02	73	1021.8148	0.02	142	1020.3628	0.02	221	1020.3628	0.02	400	1020.3628	0.02				
16	1020.1058	0.02	45	1022.3848	0.02	74	1021.8148	0.02	143	1020.3628	0.02	222	1020.3628	0.02							
17	1020.1118	0.02	46	1022.3848	0.02	75	1021.8148	0.02	144	1020.3628	0.02	223	1020.3628	0.02							
18	1020.1178	0.02	47	1022.3848	0.02	76	1021.8148	0.02	145	1020.3628	0.02	224	1020.3628	0.02							
19	1020.1238	0.02	48	1022.3848	0.02	77	1021.8148	0.02	146	1020.3628	0.02	225	1020.3628	0.02							
20	1020.1298	0.02	49	1022.3848	0.02	78	1021.8148	0.02	147	1020.3628	0.02	226	1020.3628	0.02							
21	1020.1358	0.02	50	1022.3848	0.02	79	1021.8148	0.02	148	1020.3628	0.02	227	1020.3628	0.02							
22	1020.1418	0.02	51	1022.3848	0.02	80	1021.8148	0.02	149	1020.3628	0.02	228	1020.3628	0.02							
23	1020.1478	0.02	52	1022.3848	0.02	81	1021.8148	0.02	150	1020.3628	0.02	229	1020.3628	0.02							
24	1020.1538	0.02	53	1022.3848	0.02	82	1021.8148	0.02	151	1020.3628	0.02	230	1020.3628	0.02							
25	1020.1598	0.02	54	1022.3848	0.02	83	1021.8148	0.02	152	1020.3628	0.02	231	1020.3628	0.02							
26	1020.1658	0.02	55	1022.3848	0.02	84	1021.8148	0.02	153	1020.3628	0.02	232	1020.3628	0.02							
27	1020.1718	0.02	56	1022.3848	0.02	85	1021.8148	0.02	154	1020.3628	0.02	233	1020.3628	0.02							
28	1020.1778	0.02	57	1022.3848	0.02	86	1021.8148	0.02	155	1020.3628	0.02	234	1020.3628	0.02							
29	1020.1838	0.02	58	1022.3848	0.02	87	1021.8148	0.02	156	1020.3628	0.02	235	1020.3628	0.02							
30	1020.1898	0.02	59	1022.3848	0.02	88	1021.8148	0.02	157	1020.3628	0.02	236	1020.3628	0.02							
31	1020.1958	0.02	60	1022.3848	0.02	89	1021.8148	0.02	158	1020.3628	0.02	237	1020.3628	0.02							
32	1020.2018	0.02	61	1022.3848	0.02	90	1021.8148	0.02	159	1020.3628	0.02	238	1020.3628	0.02							
33	1020.2078	0.02	62	1022.3848	0.02	91	1021.8148	0.02	160	1020.3628	0.02	239	1020.3628	0.02							
34	1020.2138	0.02	63	1022.3848	0.02	92	1021.8148	0.02	161	1020.3628	0.02	240	1020.3628	0.02							
35	1020.2198	0.02	64	1022.3848	0.02	93	1021.8148	0.02	162	1020.3628	0.02	241	1020.3628	0.02							
36	1020.2258	0.02	65	1022.3848	0.02	94	1021.8148	0.02	163	1020.3628	0.02	242	1020.3628	0.02							
37	1020.2318	0.02	66	1022.3848	0.02	95	1021.8148	0.02	164	1020.3628	0.02	243	1020.3628	0.02							
38	1020.2378	0.02	67	1022.3848	0.02	96	1021.8148	0.02	165	1020.3628	0.02	244	1020.3628	0.02							
39	1020.2438	0.02	68	1022.3848	0.02	97	1021.8148	0.02	166	1020.3628	0.02	245	1020.3628	0.02							
40	1020.2498	0.02	69	1022.3848	0.02	98	1021.8148	0.02	167	1020.3628	0.02	246	1020.3628	0.02							
41	1020.2558	0.02	70	1022.3848	0.02	99	1021.8148	0.02	168	1020.3628	0.02	247	1020.3628	0.02							
42	1020.2618	0.02	71	1022.3848	0.02	100	1021.8148	0.02	169	1020.3628	0.02	248	1020.3628	0.02							
43	1020.2678	0.02	72	1022.3848	0.02	101	1021.8148	0.02	170	1020.3628	0.02	249	1020.3628	0.02							
44	1020.2738	0.02	73	1022.3848	0.02	102	1021.8148	0.02	171	1020.3628	0.02	250	1020.3628	0.02							
45	1020.2798	0.02	74	1022.3848	0.02	103	1021.8148	0.02	172	1020.3628	0.02	251	1020.3628	0.02							
46	1020.2858	0.02	75	1022.3848	0.02	104	1021.8148	0.02	173	1020.3628	0.02	252	1020.3628	0.02							
47	1020.2918	0.02	76	1022.3848	0.02	105	1021.8148	0.02	174	1020.3628	0.02	253	1020.3628	0.02							
48	1020.2978	0.02	77	1022.3848	0.02	106	1021.8148	0.02	175	1020.3628	0.02	254	1020.3628	0.02							
49	1020.3038	0.02	78	1022.3848	0.02	107	1021.8148	0.02	176	1020.3628	0.02	255	1020.3628	0.02							
50	1020.3098	0.02	79	1022.3848	0.02	108	1021.8148	0.02	177	1020.3628	0.02	256	1020.3628	0.02							
51	1020.3158	0.02	80	1022.3848	0.02	109	1021.8148	0.02	178	1020.3628	0.02	257	1020.3628	0.02							
52	1020.3218	0.02	81	1022.3848	0.02	110	1021.8148	0.02	179	1020.3628	0.02	258	1020.3628	0.02							
53	1020.3278	0.02	82	1022.3848	0.02	111	1021.8148	0.02	180	1020.3628	0.02	259	1020.3628	0.02							
54	1020.3338	0.02	83	1022.3848	0.02	112	1021.8148	0.02	181	1020.3628	0.02	260	1020.3628	0.02							
55	1020.3398	0.02	84	1022.3848	0.02	113	1021.8148	0.02	182	1020.3628	0.02	261	1020.3628	0.02							
56	1020.3458	0.02	85	1022.3848	0.02	114	1021.8148	0.02	183	1020.3628	0.02	262	1020.3628	0.02							
57	1020.3518	0.02	86	1022.3848	0.02	115	1021.8148	0.02	184	1020.3628	0.02	263	1020.3628	0.02							
58	1020.3578	0.02	87	1022.3848	0.02	116	1021.8148	0.02	185	1020.3628	0.02	264	1020.3628	0.02							
59	1020.3638	0.02	88	1022.3848	0.02	117	1021.8148	0.02	186	1020.3628	0.02	265	1020.3628	0.02							
60	1020.3698	0.02	89	1022.3848	0.02	118	1021.8148	0.02	187	1020.3628	0.02	266	1020.3628	0.02							
61	1020.3758	0.02	90	1022.3848	0.02	119	1021.8148	0.02	188	1020.3628	0.02	267	1020.3628	0.02							
62	1020.3818	0.02	91	1022.3848	0.02	120	1021.8148	0.02	189	1020.3628	0.02	268	1020.3628	0.02							
63	1020.3878	0.02	92	1022.3848	0.02	121	1021.8148	0.02	190	1020.3628	0.02	269	1020.3628	0.02							
64	1020.3938	0.02	93	1022.3848	0.02	122	1021.8148	0.02	191	1020.3628	0.02	270	1020.3628	0.02							
65	1020.3998	0.02	94	1022.3848	0.02	123	1021.8148	0.02	192	1020.3628	0.02	271	1020.3628	0.02							
66	1020.4058	0.02	95	1022.3848	0.02	124	1021.8148	0.02	193	1020.3628	0.02	272	1020.3628	0.02							
67	1020.4118	0.02	96	1022.3848	0.02	125	1021.8148	0.02	194	1020.3628	0.02	273	1020.3628	0.02							
68	1020.4178	0.02	97	1022.3848	0.02	126	1021.8148	0.02	195	1020.3628	0.02	274	1020.3628	0.02							
69	1020.4238	0.02	98	1022.3848	0.02	127	1021.8148	0.02	196	1020.3628	0.02	275	1020.3628	0.02							
70	1020.4298	0.02	99	1022.3848	0.02	128	1021.8148	0.02	197	1020.3628	0.02	276	1020.3628	0.02							
71	1020.4358	0.02	100	1022.3848	0.02	129	1021.8148	0.02	198	1020.362											