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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

Title - Sujet AUTOMAT. FRACTIONAL DISTILL. SYSTEM	
Solicitation No. - N° de l'invitation 31184-150294/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client 31184-150294	Date 2016-03-01
GETS Reference No. - N° de référence de SEAG PW-\$\$PV-950-68930	
File No. - N° de dossier pv950.31184-150294	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-03-14	Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
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: Mirza, Bushra	Buyer Id - Id de l'acheteur pv950
Telephone No. - N° de téléphone (873) 469-3186 ()	FAX No. - N° de FAX (819) 956-3814
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 raised to extend the closing date of March 7, 2016 on the RFP, revise mandatory specifications 1.6 and 1.14, add new mandatory specification 1.14.1 and to publish all questions and answers received.

1- On the front page of the Request for Proposal (RFP):

Delete: March 7, 2016 Eastern Standard Time (EST)

Insert: March 14, 2016 Eastern Daylight Time (EDT)

2-At Annex B, Mandatory specification 1.6:

Delete: Must have a dirty solvent vessel with a capacity of 70 liters-100 liters.

Insert: Must have a dirty solvent vessel with a capacity of min. 70 liters to a max. 120 liters.

3-At Annex B, Mandatory specification 1.14:

Delete: Physical dimensions of the distillation system must not exceed 120" height, 52" wide x 48" deep.

Insert: Physical dimensions of the distillation system must not exceed 120" height, 65" wide x 60" deep.

4- At Annex B:

Insert: Mandatory specification 1.14.1:

The system or modular components of it must go through a door 42" wide x 87" tall and if required, the assembly must be done at the final installation location.

All other terms and conditions of the RFP remain unchanged.

Questions and Answers for Automated Fractional Distillation Unit.

1. Mandatory specification 1.2: Must include a fractional distillation column, with a minimum of 15 theoretical plates.

Q1. What is exact quantity of plates needed for this system, 15 plates acceptable or 30?

A1. The quantity of 15 plates is acceptable but if National Research Council of Canada (NRC) can get 30 plates at the same price, then NRC will take 30.

2. Mandatory specification 1.6: Must have a dirty solvent vessel with a capacity of 70-100 liters

Q2.i. Does this require an exact volume, 70 or 100L?

A2.i. It really matters and relates to final price. 70L is acceptable.

Q2. ii. Does this require 120 litres or larger acceptable?

A2.ii. 120 liters are acceptable.

3. Mandatory specification 1.11: Must include a solvent collection system that permits the collection of solvents a minimum of 2 different tanks at different temperatures.

Q3. Does this require at least 2 collectors? Please specify, as can provide 2 or 4.

A3. 2 is acceptable.

4.

Q4. Does this system require to be specified for any ASTM(s) or other methods or it is just regular distillation?

A4. It just requires a regular distillation.

5. Mandatory specification 1.4: Must be guaranteed safe to operate with flammable solvents. Mandatory specification 1.8: Must include a bag holder and PTFE bag in the bottom vessel, where the dirty solvent collects.

Q5. Does this system require CSA approved for hazardous locations, eg: Class 1, Div 1 or 2?

A5. Yes it does.

6. Mandatory specification 1.14: Physical dimensions of the distillation system must not exceed 120" height x 52" wide x 48" deep.

Q6. Is there any leeway on the dimensions, on the height and width?

A6. Height is the maximum allowable as it cannot be changed due to building limitations, width can go up to 65" x and depth up to 60".

7.

Q 7. Does the system require processing anything containing nitrocellulose?

A7. No, nitrocellulose needed.

8.

Q8. What is the feed and requested output?

A8. To be used in batch mode, dirty solvent in, and clean solvent out.

9. Mandatory specification 1.12: Must have a throughput of 5 liters/hr or more @ 2:1 reflux ratio.

Q9. What is the flow rate in l/hr?

A9. Throughput: 5 liters/hr or more @ 2:1 reflux ratio.

10.

Q10. What is the expected residue?

A10. Solids. It will vary greatly in composition depending on processes.