

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 0B2 / Noyau 0B2
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
Fuel & Construction Products Division
11 Laurier St./11, rue Laurier
7A2, Place du Portage, Phase III
Gatineau, Québec K1A 0S5

Title - Sujet REVERSE OSMOSIS UNIT	
Solicitation No. - N° de l'invitation 31184-151455/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client 31184-151455	Date 2015-08-26
GETS Reference No. - N° de référence de SEAG PW-\$\$HL-632-67813	
File No. - N° de dossier hl632.31184-151455	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-09-28	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: J.L. LeGrow	Buyer Id - Id de l'acheteur hl632
Telephone No. - N° de téléphone (819) 956-3524 ()	FAX No. - N° de FAX (819) 956-5227
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 Solicitation Amendment is issued to indicate answers given by the Client to questions submitted.

11) We need to know to length of the loop, or the distance between where to RO system will be located and where the DI tanks are located.

Answer: The distance between the RO Plant and the existing DI water tanks is 45-50 ft.

12) We understand that the water source is city water - what is the quality of the city water? Can we get water analysis of the city water?

Answer: I do not have that information available - varies. Suggestion - contact the City of Ottawa Public Works.

13) What is the required recovery rate of the RO system?

Answer: 75%.

14) What is the required RO permeate water quality?

Answer: between 5-10 microSiemens.

15) What is the purpose of duplex post filters?

Answer: One tank polishes the water, the other provides redundancy as a stand-by spare.

16) What is the required flow rate and pressure of the duplex grundfoss pumps (in post treatment section)?

Answer: approximately 10 GPM @ 70 to 80 PSI.

17) Please provide Water Quality information.

Answer:

R.O. Water Specs

Name	Percent Rejection	Percent Passage (Avg)	Maximum Concentration Percent
Sodium	94-96	5	5-10
Calcium	96-98	3	
Magnesium	96-98	3	
Potassium	94-96	5	5-10
Iron	98-99	2	
Manganese	98-99	2	
Aluminum	99+	1	10-20
Ammonium	88-95	8	3-8
Copper	98-99	1	10-20
Nickel	98-99	1	10-20
Zinc	98-99	1	10-20
Strontium	96-99	3	
Hardness	96-98	3	
Cadmium	96-98	3	10-20
Silver	94-96	5	
Mercury	96-98	3	
Chloride	94-95	4	5-8
Bicarbonate	95-96	4	5-10
Sulfate	99+	1	5-15
Nitrate	85-95	10	3-6
Fluoride	94-96	5	5-8
Silicate	80-95	10	
Phosphate	99+	1	10-20
Bromide	94-96	5	5-8
Borate	35-70		
Chromate	90-98	6	8-12
Cyanide	90-95		4-12
Sulfite	98-99	1	5-15
Thiosulfate	99+	1	10-20