

RETURN BIDS TO:
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- 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. 006
Client Reference No. - N° de référence du client 31184-151455	Date 2015-09-04
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.

28) Answer #4: We understand that 5.5gpm is the backwash flow rate. What we need to know is why the backwash flow-rate is specified at 5.5gpm? Technically, we need to know why any backflow rate is specified when the important thing to know is what the treated water output should be. What if our systems offer a 3gpm or a 7gpm backwash flow rate? Does that compromise installation and if so, why?

Answer: Backflow does not have to be exactly as specified. The value chosen was a recommended value only.

29) Answer #5: Other than the R/O instant capacity, what is the daily volume of purified water consumption estimated at? This concerns total consumption by users on a 24 hours basis;

Answer: The daily water consumption varies greatly from a few gallons to 40-50 gallons or more. We only run an 8 hour shift. Overnight demand of RO water would be minimal.

30) Answer #6: Please state if activated carbon filters need to be automatic and duplex style, much like the softeners specified in section 1 of annex A;

Answer: Yes

31) Is there a maximum bacterial count or TOC level which must be respected?

Answer: below 500 ppb

32) What is the application? Boiler feed or lab water?

Answer: Lab water

33) Annex A; section 2

1. Can an alternative membrane housing orientation be proposed (vertical orientation which provides easy access and a smaller footprint)?

Answer: Due to height restrictions, horizontal is likely the only option.

Annex A; section 3

34) How many points of use are there in the distribution loop?

Answer: 2

35) What is the approx. total linear length of the distribution loop?

Answer: The distance from the RO plant to the DI tanks is 43ft.

36) What are the end use applications for which the water is being used?

Answer: Lab process water

37) What are the specifications for the “existing DI tanks” referenced in RFP? (ie: tank dimensions, inlet/outlet connections diameter, flow capacity, max pressure rating)

Answer: The above information is not detailed as part of the RO system purchase.

38) Can equivalent (or superior) materials of construction be proposed for the distribution loop?

Answer: Loop materials must be weldable - no mechanical fittings. Any change in material must be discussed with NRC before it will be accepted as a replacement for the proposed materials.

39) Please confirm that a PLC is required for distribution loop control.

Answer: Preferred (Yes)

40) Does the system require disinfection capabilities and hardware? (ie: preventive maintenance needed to address, avoid, or correct microbial contamination)

Answer: Yes

41) Should PLC include preventive maintenance disinfection automated sequences?

Answer: Yes

42) Will the evaluation matrix be revised to include items identified as a requirement within amendments issued in response to enquiries?

Answer: All amendments questions and answers are incorporated into the original Request for Proposal

Solicitation Amendment

43) Are there any possibilities of improving the mechanical area space allotment and height limitations?

- 8' x 14' is very small for a complete 10 gpm system with storage and distribution
- 6 foot height limitation in mechanical room is very restrictive given the dimensions of equipment required for a 10 gpm system.

Answer: The space could be enlarged slightly - An additional 4ft. X 7ft. space could be made available. Height is very limited due to overhead ducting.

44) Must include supply of loop: what about the water systems installation (in mechanical room)? Who will install and hookup supplied water systems?

Answer: The water softener, RO Plant will all be in same area. We will provide supply water, drains and electrical mains for the systems.

In reference to section #3

45) Metal stand: Does customer mean single metal stands (per component) or a common skid? If latter, what shall skid material be made out of?

Answer: Skid Based is preferred. Painted or powder coated steel frames.