



RETURN BIDS TO:
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Public Works Government Services Canada- Bid
Receiving / Réception des soumissions
189 Prince William Street
Room 405
Saint John
New Brunswick
E2L 2B9

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 Government Services Canada- Bid
Receiving / Réception des soumissions
189 Prince William Street
Room 405
Saint John
New Bruns
E2L 2B9

Title - Sujet Water Treatment System	
Solicitation No. - N° de l'invitation 39903-170154/A	Amendment No. - N° modif. 006
Client Reference No. - N° de référence du client 39903-170154	Date 2016-08-17
GETS Reference No. - N° de référence de SEAG PW-\$PWB-101-3913	
File No. - N° de dossier PWB-6-39029 (101)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2016-08-22	
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: Lomax, Sandra	Buyer Id - Id de l'acheteur pwb101
Telephone No. - N° de téléphone (506) 636-4362 ()	FAX No. - N° de FAX (506) 636-4376
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 No. Six (6) is raised to include the following Addendum No. (6).

The following Addendum to the tender is effective immediately. This addendum shall form part of the contract documents.

All other terms and conditions remain the same.

Question and Answers

Questions-6

- 1) will you be providing information on the mating connections, such as dimensional drawings, flow and pressure ratings?
- 2) how is new HMI to be housed, is there an existing shelter/building? If so, do you have dimensional drawings or photos of the installation point.
- 3) If Not, is the provider expected to provide the shelter for the system?
- 4) What electrical power (voltage) is available at the installation point? Is there a junction box at the installation point, or will the provider be required to run a line back to the breaker panel?
- 5) You reference connecting to existing "**Field Devices**", do you have part numbers & make or dimensional drawings for these, thread size etc?
- 6) Do you have a top level system drawing of the distribution network?
- 7) Regarding the interconnect lines, what material are they made of (PVC, PEX Line, Copper), and what are their pressure ratings?
- 8) While it is a requirement of the solicitation that the HMI be backward compatible with the existing system, the solicitation is silent as to who is to perform the installation. Is the provider of the HMI expected to remove the existing system and install the new system, or will the CFIA see to the removal of the existing system, making the sight ready to receive the new HMI, which would be installed by the provider? Or is the provider to deliver the HMI and then assist the CFIA with installation on a time and materials basis with the installation? Does CFIA have an approved local firm under contract to perform this work?
- 9) However, the EDI is not specified as a unit in itself, but more of a component. You must know that an EDI unit is a simple "stack" (electronic démineralisation ready module) and a power unit. In order to get an EDI to function properly, it must be hooked up to an R/O unit (for example), and plumbed with various controls and automated valves, and in this particular case,

because only a portion of the R/O water is sent to the EDI unit, it will require some kind of PLC in order to manage the I & O of the EDI.

10) Given the fact that the tender calls for the supply of items only (installation to be done by others), we am simply inquiring to know if the installation people who are deemed to install all these systems are knowledgeable in this area. The “hooking” up of this unit might be trickier than expected and could even void manufacturer’s warranty. The PLC that you will need to outsource will need to have a complete concept of the required control architecture.

Answers- 6

- 1) The installation and connections for the components will be schedule 80 PVC piping and be completed by others this solicitation is for equipment only.
- 2) The HMI will be mounted on the new system which is replacing the existing Reverse Osmosis / Deionized system and is located in the Laboratory’s Energy Room.
- 3) No shelter required.
- 4) The power to the existing system is on a 30 amp disconnect at 575 volts 3 phase. We use approximately 6 amps to supply the distribution pumps that are to remain. There will be approximately 18 amps available (We do not want to exceed 80% of breaker load) for the new equipment, suppliers are responsible for any transformers to operate the lower voltage components of the proposed equipment. All termination and installation of equipment will be done by others this solicitation is for equipment only.
- 5)) Distribution pumps and water level sensors for both the deaerator and the lab water storage tanks are on existing Delta Automation controllers and will not be interfaced with the new system. The control of solenoid valves to fill both storage tank systems is also controlled by building automation and will not be changed. The building automation sends a command to the RO/EDI system to start producing water. All other devices required to make the system operation including field devices must be provide including water quality sensors, automatic valves, process booster pumps, current sensors, low flow and low pressure switches etc.
- 6) No.
- 7) Schedule 80 PVC the only pressure that can be identified at this point if RO feed water pressure 60 PSI.
- 8) CFIA will be using local mechanical and electrical companies to complete the installation and will use the successful bidder if support as required as a separate contract.

Solicitation No. - N° de l'invitation
39903-170154/A
Client Ref. No. - N° de réf. du client
39903-170154

Amd. No. - N° de la modif.
006
File No. - N° du dossier
PWB-6-39029

Buyer ID - Id de l'acheteur
PWB101
CCC No./N° CCC - FMS No./N° VME

9) As with the existing system we use Delta Automation controllers to manage the processes required basic input and outputs as described in answer 5.

10) As with answer 8 we will be using local installation companies and use the successful bidder as a separate contract to assist with product installation.