

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Public Works and Government Services Canada
ATB Place North Tower
10025 Jasper Ave./10025 ave. Jasper
5th floor/5e étage
Edmonton
Alberta
T5J 1S6
Bid Fax: (780) 497-3510

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 and Government Services Canada
ATB Place North Tower
10025 Jasper Ave./10025 ave Jasper
5th floor/5e étage
Edmonton
Alberta
T5J 1S6

Title - Sujet Boiler Water Softener System	
Solicitation No. - N° de l'invitation W0134-14R134/B	Amendment No. - N° modif. 007
Client Reference No. - N° de référence du client W0134-14R134	Date 2015-09-03
GETS Reference No. - N° de référence de SEAG PW-\$EDM-025-10499	
File No. - N° de dossier EDM-5-38032 (099)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-09-17	Time Zone Fuseau horaire Mountain Daylight Saving Time MDT
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Leslie,Sandra	Buyer Id - Id de l'acheteur edm099
Telephone No. - N° de téléphone (780) 616-2057 ()	FAX No. - N° de FAX (780) 497-3510
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

Solicitation No. - N° de l'invitation

W0134-14R134/B

Amd. No. - N° de la modif.

007

Buyer ID - Id de l'acheteur

edm099

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

W0134-14R134

File No. - N° du dossier

EDM-5-38032

CCC No./N° CCC - FMS No/ N° VME

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Amendment No. 007 is being issued to make changes to the Solicitation document.

SOLICITATION DOCUMENT CHANGES

DELETE:

Delete Solicitation closing date in its entirety

INSERT:

Solicitation Closes at 02:00 PM on 2015-09-11 - Mountain Daylight Saving Time (MDT)

PART 6 – RESULTING CONTRACT CLAUSES

DELETE

Delete 6.4.1 Delivery Date in its entirety

INSERT:

6.4.1 Delivery Date

All the deliverables must be received on or before December 1, 2015

ANNEX A - STATEMENT OF REQUIREMENT

DELETE

Delete Annex A in its entirety

INSERT:

Annex "A" STATEMENT OF REQUIREMENT

Title:

Boiler Water Softener System.

Requirement:

For the supply and delivery, of a Boiler Feed Water Softener system for Central Heating Plant 4 Wing Cold Lake, Cold Lake, Alberta.

The system must be delivered to the specified location on or before December 1, 2015

Background:

The Central Heating Plant uses a combination of make-up water and return condensate to feed water to the boilers to supply steam to 4 Wing. When the return condensate from the Wing is too low or too hot, due to steam and condensate loss in the system or due to unserviceable equipment in the distribution system, make-up water is used to supplement or cool the hot wells. There are two primary requirements for makeup water, first and foremost it must be purified water in order to prevent scaling and pitting in the boilers and steam pipes, second the make-up water must be of sufficient quantity to replace any lost

condensate. The current system does not meet either of the primary requirements for the make-up water. The raw domestic water has a hardness of 67 ppm. The boilers need to have hardness less than 1 ppm failure to do will greatly reduce the life span of the boilers.

Raw Water Analysis Summary:

The following was obtained from a report of the raw water on the base at 4 Wing.

The following pertain to the report analysis;

- P Alkalinity(caco3) < 5 mg/l
- T Alkalinity(caco3) 140 mg/l
- Total dissolved solids 150 mg/l
- Hardness 136 mg/l
- Ionic Balance 110%
- Calcium 36.1 mg/l
- Magnesium 36.1 mg/l
- Sodium 10.4 mg/l
- Potassium 2.0 mg/l
- Iron <0.01 mg/l

Mandatory Technical Requirements:

Item Number	Item Description	Meets	Not Meet	Cross Reference with Documentation
1	The system's feed water system will be tap water, 40-85 psi with a seasonal temperature range 15-35 C. The system must be compatible with this input.			
2	The system must include Initial pre-treatment, such as automatic or manual backwashing filters			
3	Final pre-treatment method and equipment used for this system must be zeolite exchange containing one or more of the following depending on the feed water: activated carbon, sequestering agent, depth filter.			
4	ITEM 4 DELETED			
5	The system must be able to produce a minimum of 55,000 litres a day of softened water			
6	The system must have complete control of all system functions, which includes: operating functions, monitoring functions, maintenance functions, and alarm functions.			
7	The system must include a			

	polyethylene water brine storage tank to hold the, capacity 350 +/- 50 litres.			
8	Tanks in the system must be manufactured to ASME standards. Proof must be accompanied with the submission of the bid			
9	The system must be able to maintain a minimum flow of 1.0gpm and a maximum flow of 50gpm.at 75psi			
10	The bidder must provide a minimum one (1) year warranty, from date of delivery, on parts.			
11	The pH of the water must neutral (pH of 7.0)			
12	The entire system must be in new condition and all manuals must be included with the system when shipped			
13	an epoxy enamel paint coating must be applied to the outside of the charcoal filters and the water softener tank to prevent corrosion. Color does not matter			
14	The system must be compatible with and must operate on a 120 volt connection			
15	the size of piping required must not be less than 2" inside diameter with a galvanized coating			
16	ITEM 16 DELETED			
17	The assembled system must not exceed the available space as defined in the highlighted area in Annex "C"			

Proposed equipment (must be completed by bidder):

Make: _____
Model: _____
Year: _____

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME