



RETURN BIDS TO:

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Bid Receiving - PWGSC / Réception des soumissions -
TPSGC

11 LaurierSt./ 11, rue Laurier

Place du Portage, Phase III

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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

This document contains a security requirement.

Vendor/Firm Name and Address

Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Infrastructure Maintenance and Solution Services
Division (FK)

L'Esplanade Laurier,

East Tower 4th Floor

L'Esplanade Laurier,

Tour est 4e étage

140 O'Connor, Street

Ottawa

Ontario

K1A 0R5

Title - Sujet Centrifugal Chillers	
Solicitation No. - N° de l'invitation EJ196-180992/A	Amendment No. - N° modif. 003
Client Reference No. - N° de référence du client 20180992	Date 2019-04-10
GETS Reference No. - N° de référence de SEAG PW-\$\$FK-280-76483	
File No. - N° de dossier fk280.EJ196-180992	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-04-16	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: Grogan, Lynn	Buyer Id - Id de l'acheteur fk280
Telephone No. - N° de téléphone (613) 296-2961 ()	FAX No. - N° de FAX () -
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

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EJ196-180992/A

Amd. No. - N° de la modif.
003

Buyer ID - Id de l'acheteur
fk280

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20180992

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CCC No./N° CCC - FMS No./N° VME

Solicitation Amendment 003 is raised to extend the Solicitation Closing date, publish Questions and Answers, modify the Request for Proposal and the Statement of Work to add 3 Variable Speed Drive to the equipment inventory as follows:

1. Extension of the Solicitation Closing date:

DELETE: April 11, 2019 at 2:00 p.m.

INSERT: April 16, 2019 at 2:00 p.m.

2. Questions and Answers

Question 1

Are the VFDs for the pumps part of the equipment to be maintained? (There are NO VFD's listed).

Answer 1

Variable Speed Drive have been added to the equipment inventory, refer to Solicitation Amendment 003.

Question 2

Is replenishing the glycol in the feeder tank part of the contract?

Answer 2

Yes, per SW 1.1, but only under the authority of the Technical Authority per SW 2.2 h

Question 3

If you could provide clarification for the purpose of Amendment 001 it would be greatly appreciated?

Answer 3

Solicitation Amendment 001 was published to identify a change in the equipment inventory details and the Pricing Schedule 1.

Specifically, the Cooling Towers, (10HP Balder Reliance Super EService Duty 841XLmotors, 575V-3PH-60Hz) c/w Caloritech Basin Heating System (per tower) details has been replaced with:
Cooling Towers, (10HP AC Inverter Duty Motors, 575V-3PH-60Hz) c/w Caloritech Basin Heating System (per tower)

Question 4

The scope requests monthly visits. Would this be every month of the year or just the operating season? If the visits are during operational months what are the operational months?

Answer 4

Yes, every month of the year, refer to the Statement of Work, article SW 3.1

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Question 5

It was mentioned that no electrical tools can be brought on site. Looking for clarification as to whether it is electric/battery powered (drill, tube cleaner, impact gun) or electronic (multimeter, megger etc). Would electronic tools (multimeter/megger) be permitted if there was no capability of data logging or hooking to laptop?

Answer 5

Electric, electronic or battery powered tools cannot be brought into the site without prior screening and approval, no exceptions.

Question 6

How many months of the year is the chiller plant not operating (no chillers running)? Is there a specific outside air temperature?

Answer 6

Consider two of the three chillers to be operational 24/7/365 with a third chiller on stand-by regardless of outdoor air temperature.

Question 7

I have a question regarding certification. For the Confined Space Entry Certificate, is a Confined Space Pre-Entry certificate sufficient? The course covered: Identifying Confined Spaces, Identifying Hazards, Controlling Hazards, Safe Work Permits, Pre-Entry Procedures and Emergency Procedures.

Answer 7

A confined space pre-entry certificate is also acceptable.

3. Request for Proposal

PART 3 – BID PREPARATION INSTRUCTIONS;

Delete in it's entirety Pricing Schedule 1 - Firm Price **and Replace with:**

Pricing Schedule 1 - Firm Price

Submit firm all-inclusive prices for maintenance and inspection services as detailed in Annex A, Statement of Work in Canadian funds.

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CCC No./N° CCC - FMS No./N° VME

Building: CFS Leitrim 3545 Leitrim Road, Ottawa (ON), K1A 0K2

No. of units	Location Room No.	Make	Model	Serial Number	Details	Year 1	Year 2	Year 3	Year 4	Year 5
1	Chiller Room Chiller #1	York	YTA1B1B2-CGF	YNBM-146477	Open Drive Centrifugal R-123 Chiller (175 tons) C/W Purge Unit, Solid State Starter and ISN Code Pak Controller	\$	\$	\$	\$	\$
1	Chiller Room Chiller #2	York	YTA1B1B2-CGF	YNBM-146478	Open Drive Centrifugal R-123 Chiller (175 tons) C/W Purge Unit, Solid State Starter and ISN Code Pak Controller	\$	\$	\$	\$	\$
1	Chiller Room Chiller #3	York	YTA1B1B2-CGF	YNBM-146476	Open Drive Centrifugal R-123 Chiller (175 tons) C/W Purge Unit, Solid State Starter and ISN Code Pak Controller	\$	\$	\$	\$	\$
3	Chiller Room	York	Ventguard II		Relief Valve and Rupture Disc	\$	\$	\$	\$	\$
3	Chiller Room	Redi-Purge	N/A	N/A	Refrigerant Emission Collection	\$	\$	\$	\$	\$
1	Chiller Room	York	RSR 1100V	KBCP033	Portable Recovery Pak Refrigerant Recovery System	\$	\$	\$	\$	\$
3	Chiller Room	Armstrong	6X4X10 4030	12300 (#5) 12301 (#6) 12302 (#7)	Condenser Water Pumps (P5, P6, P7) 15HP, 39 L/S, c/w	\$	\$	\$	\$	\$
2	Chiller Room	Armstrong	4X3X10 4030	12298 (#3) 12299 (#4)	Glycol Pumps (P3 & P5) for Dry Fluid Coolers, 15HP, 26.5 L/S	\$	\$	\$	\$	\$
1	Chiller Room	Drew	9412-01-6	022294I	Glycol Feed Unit for Dry Fluid Cooler Loop	\$	\$	\$	\$	\$

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1	Chiller Room	DigiTrace 9200 Series	920* E6FWL* SIS30 4*SS3104	4100040	Heat Tracing Controller Assembly for Chilled Water Loop	\$	\$	\$	\$	\$
3	Outside	Marley	SPX Aquatower	10153584-A1 10153584-B1 10153584-C1	Cooling Towers, (10HP Balder Reliance Super E Service Duty 841XL motors, 575V-3PH-60Hz) c/w Caloritech Basin Heating System (per tower)	\$	\$	\$	\$	\$
3	Chiller Room	Johnson Controls VSD Series	CAT # VSO15522A-OP900	Tower #1: 12787038 Tower #2: 12787074 Tower #3: 12787078	Variable Speed Drives for Cooling Towers	\$	\$	\$	\$	\$
4	Outside	Engineered Air	DCU-1270	N-691	Dry Fluid Coolers (D.F. Cooler #1, #2, #3, #4), 2 Fan, 15 HP	\$	\$	\$	\$	\$
Sub Total										
TOTAL for 5 Years						\$				

4. Statement of Work

Delete in it's entirety **SW 5 Equipment Inventory**, Statement of Work, and Replace with:

SW 5 Equipment Inventory

No. of units	Location Room No.	Make	Model	Serial Number	Details
1	Chiller Room Chiller #1	York	YTA1B1B2-CGF	YNBM-146477	Open Drive Centrifugal R-123 Chiller (175 tons) C/W Purge Unit, Solid State Starter and ISN Code Pak Controller

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CCC No./N° CCC - FMS No./N° VME

1	Chiller Room Chiller #2	York	YTA1B1B2-CGF	YNBM-146478	Open Drive Centrifugal R-123 Chiller (175 tons) C/W Purge Unit, Solid State Starter and ISN Code Pak Controller
1	Chiller Room Chiller #3	York	YTA1B1B2-CGF	YNBM-146476	Open Drive Centrifugal R-123 Chiller (175 tons) C/W Purge Unit, Solid State Starter and ISN Code Pak Controller
3	Chiller Room	York	Ventguard II		Relief Valve and Rupture Disc
3	Chiller Room	Redi-Purge	N/A	N/A	Refrigerant Emission Collection Canisters
1	Chiller Room	York	RSR 1100V	KBCP033	Portable Recovery Pak Refrigerant Recovery System
3	Chiller Room	Armstrong	6X4X1 0 40 30	12300 (#5) 12301 (#6) 12302 (#7)	Condenser Water Pumps (P5, P6, P7) 15HP, 39 L/S, c/w Strainer
2	Chiller Room	Armstrong	4X3X1 0 40	12298 (#3) 12299 (#4)	Glycol Pumps (P3 & P5) for Dry Fluid Coolers, 15HP, 26.5 L/S
1	Chiller Room	Drew	9412-01-6	022294I	Glycol Feed Unit for Dry Fluid Cooler Loop
1	Chiller Room	DigiTrace 9200 Series	920*E6FWL*SIS3 0 4*SS31 04	4100040	Heat Tracing Controller Assembly for Chilled Water Loop
3	Outside	Marley	SPX Aquatower	10153584-A1 10153584-B1 10153584-C1	Cooling Towers, (10HP AC Inverter Duty Motors, 575V-3PH-60Hz) c/w Caloritech Basin Heating System (per tower)
3	Chiller Room	Johnson Controls VSD Series	CAT # VSO15522A-OP900	Tower #1: 12787038 Tower #2: 12787074 Tower #3: 12787078	Variable Speed Drives for Cooling Towers
4	Outside	Engineered Air	DCU-1270	N-691	Dry Fluid Coolers (D.F. Cooler #1, #2, #3, #4), 2 Fan, 15 HP

Note: Chemical treatment of chiller condenser water and chilled water is the responsibility of the Technical Authority.

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.