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Winnipeg
Manitoba
R3B 0T6
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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 -
Western Region
Room 100
167 Lombard Ave.
Winnipeg
Manitoba
R3B 0T6

Title - Sujet Chiller Water System Services	
Solicitation No. - N° de l'invitation 6D063-151342/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client 6D063-151342	Date 2017-06-05
GETS Reference No. - N° de référence de SEAG PW-\$WPG-005-10209	
File No. - N° de dossier WPG-6-39330 (005)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-06-13	Time Zone Fuseau horaire Central Daylight Saving Time CDT
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: Guilford, Alison	Buyer Id - Id de l'acheteur wpg005
Telephone No. - N° de téléphone (204) 228-7215 ()	FAX No. - N° de FAX (204) 983-7796
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

Amendment #002 to Solicitation No. 6D063-151342/A is raised to address the following:

Part A – Questions and Answers:

Under section 2.1.2 it says that “maintenance and servicing to include services identified in Work Schedule (appendix 1) and/or Contractor’s supplied log sheet.

- Q1:** Are we supposed to follow appendix 1 or our own log sheets, and at which intervals are the inspections done, at each visit?
- A1:** Please use revised Appendix 1 – Inspection Tasks. Contractor’s log sheets may be used to supplement to record/report findings.
- Q2:** Frequency of report the refrigerant level - Generally this involves us removing all the gas from the unit and weighing it to make sure there is enough. This involves a good amount and would involve shutting the machine down. Is weighing of the refrigerant required?
- A2:** Please see Revised Appendix 1 – Estimate refrigerant level (charge) based on Contractor’s resources observations (operating pressures, leakage suspected or found, etc.).
- Q3:** Reporting the condenser tube condition, we have to bring in a testing machine and certified personnel to inspect the integrity of the tubes, generally this is only done every 3 to 5 years as an extra job.
- A3:** Please see Revised Appendix 1 – Visual inspection on tube condition when end cap has been removed during annual maintenance. This contract has “as and when requested” for additional service by certified Contractor’s resources.
- Q4:** Is condenser tube brushing required during the shutdown maintenance? We generally perform this task on the units we service.
- A4:** No, condenser tube brushing is not required during the shutdown maintenance. This task is completed annually by CSCHAH.

Under section 2.1.1 it says including but not limited to two (2) Trane model CVHF 910 centravac water chillers, Cooling Towers, and circulating pumps.

- Q5:** Are the cooling towers only covered under the call out work or are they a part of the inspection tasks?
- A5:** The cooling towers are not a scheduled service; any service required would be on an “as and when requested” basis. This contract has “as and when requested” for service of ancillary equipment along with the chillers proper.
- Q6:** Is the yearly refrigerant monitor calibration included in the service?
- A6:** No, Refrigerant Monitor Calibration is not a scheduled service; this would be on an “as and when requested” basis.

Part B – Revisions:

- DELETE:** Annex A, Appendix 1: Inspection Tasks
- INSERT:** The attached Annex A, Appendix 1: Inspection Tasks

ANNEX A

Appendix 1: Inspection Tasks

Items to be completed during Start Up and Mid-Season tasks:			
SERVICE ITEM OR COMPONENT	COMPLETED	SERVICE ITEM OR COMPONENT	COMPLETED
INSPECT:			
"O" Ring Leakage		Purge Solenoid Leakage	
Oil Level		Estimated Refrigerant Level: <input type="checkbox"/> May be low; or <input type="checkbox"/> No change	
Unusual Noise		Unusual Vibration	
ADD AS REQUIRED:			
Oil Charge		Refrigerant	
PROVE:			
Purge Unit		Starter	
Indicating Lights		Load Limit Relay	
Low Chilled Water Cut Out		High Condenser Control	
Motor Amperage Setting		Low Refrigerant Control	
Chiller Water Flow Switch		Chilled Water Pump Auxiliary	
Contacts		Oil Pump Time Delay Relay	
Starter Anti-Recycle Timer		Oil Pump Auxiliary Contacts	
Oil Pre-Lube Timer, before starting compressor			
ADJUST – AS REQUIRED:			
Low Chilled Water Cut-Out		Low Refrigerant Control	
High Condenser Control		Low Oil Failure Control	
Motor Overload Signal		Motor Amperage Setting	
Chilled Water Flow Switch		Oil Pump Time Delay Relay	
Load Limit Relay		Starter Anti-Recycle	

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SERVICE ITEM OR COMPONENT	COMPLETED	SERVICE ITEM OR COMPONENT	COMPLETED
Oil Pump Auxiliary Contacts		Oil Pre-Lube Timer, before Starting Compressor	
MEASURE:			
Oil System pressure		Oil System Temperature	
Cooling System Pressure		Cooling System Temperature	
Condenser System Pressure		Condenser System Temperature	
INSTRUCT:			
Operational Changes (if any)			
REPORT:			
Oil Level		Estimated Refrigerant Level: <input type="checkbox"/> May be low; or <input type="checkbox"/> No change"	
Oil System Pressure		Oil System Temperature	
Leakage: Suspected: <input type="checkbox"/> Yes <input type="checkbox"/> No Observed: <input type="checkbox"/> Yes <input type="checkbox"/> No			
START UP TASK:			
Chiller			

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Items to be completed during Annual Task (when units are out of service):			
SERVICE ITEM OR COMPONENT	COMPLETED	SERVICE ITEM OR COMPONENT	COMPLETED
ADD AS REQUIRED:			
Dash Pot Oil			
INSPECT:			
Oil Heater for Continuity		Controls	
Oil Demister		Dash Pot Oil	
Contacts		Motor Ground	
Overload Heater V.S		Motor Running Load	
Condenser Tubes – Visual inspection only (when caps are off)			
CLEAN:			
Contacts		Refrigerant Filter	
Purge Sight Glass		Purge Float Chamber	
Magnetic Plug		Controls	
Oil Demister			
MEASURE:			
Motor Continuity		Motor Ground	
Megger each Phase of Chiller		Megger each Phase of Oil	
Pump Motor			
REPORT:			
Continuity of Motor		Grounding of Motor	
Megger at Oil Pump Motor Phases		Oiling System Pressure	
Oiling System Temperature		Oil Heater Continuity	
Oil Laboratory Analysis Results		Refrigerant Laboratory Analysis Result	
Condenser Tubes – Visual inspection only (when caps are off)			

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SERVICE ITEM OR COMPONENT	COMPLETED	SERVICE ITEM OR COMPONENT	COMPLETED
Perform Annual Leak Test			
TIGHTEN:			
Terminals			
REPLACE:			
Purge Compressor Oil		Oil Pump Reservoir Oil	
Filter Cooling Section Oil		Oil Filters	
Volute Filter and Gasket		Purge Sight Glass Gasket	
Purge Drum Gaskets			

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