

**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
**Bid Receiving - PWGSC / Réception des soumissions -**  
**TPSGC**  
**11 Laurier St./11 rue Laurier**  
**Place du Portage, Phase III**  
**Core 0A1 / Noyau 0A1**  
**Gatineau, Québec K1A 0S5**

**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**  
Construction Services Division/Division des services de  
construction  
11 Laurier St./11 Rue Laurier  
3C2, Place du Portage  
Phase III  
Gatineau, Québec K1A 0S5

<b>Title - Sujet</b> Chiller Replacement	
<b>Solicitation No. - N° de l'invitation</b> EJ192-131764/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> 20131764	<b>Date</b> 2013-02-26
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$FG-354-62166	
<b>File No. - N° de dossier</b> fg354.EJ192-131764	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2013-03-05</b>	
<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Standard Time EST	
<b>F.O.B. - F.A.B.</b> Specified Herein - Précisé dans les présentes <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input checked="" type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Churchill, Gerald	<b>Buyer Id - Id de l'acheteur</b> fg354
<b>Telephone No. - N° de téléphone</b> (819) 956-3904 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> Confederation Heights Central Heating and Cooling Plant, 501 Heron Road, Ottawa, ON, K1A0S1	

**Instructions: See Herein**  
**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

Solicitation No. - N° de l'invitation

EJ192-131764/A

Amd. No. - N° de la modif.

001

Buyer ID - Id de l'acheteur

fg354

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

20131764

File No. - N° du dossier

fg354EJ192-131764

CCC No./N° CCC - FMS No/ N° VME

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## **Addendum 001**

**501 HERON ROAD  
CONFEDERATION HEIGHTS COOLING PLANT  
CHILLER #3 REPLACEMENT**

PROJECT NO. R.037619.002

PAGE 1 of 2  
DATE: February 21, 2013

The following changes in the tender documents are effective immediately. This addendum will form part of the contract documents.

**SPECIFICATIONS**

**1. SECTION 23 05 17 – PIPE WELDING**

.1 Delete item 3.5.1.1 entirely.

.2 Item 3.5.1.1, Add the following:

“Contractor to provide examinations and test by a third party independent specialist qualified in accordance with CSA W178.1 & CSA W178.2 and approved by the Departmental Representative.”

.3 Item 3.5.2.1.1, Add as follows:

“Provide 100% radiographic particle test on chilled and condenser water piping.”

**2. SECTION 23 64 16 – PACKAGED CENTRIFUGAL WATER CHILLERS**

.1 Delete item 2.3.1 entirely.

.2 Item 2.3.1, Add the following:

“Evaporator and condenser shall be shell and tube, cleanable type with external and internal enhanced type copper tubes with intermediate supports and tube sheets. Evaporator tubes shall be 0.635 mm thick. Condenser tubes shall be 0.889 mm thick. Water boxes shall be removable and have welded flanged connections on condenser & on evaporator. Provide vent and drain taps, liquid shut-off valve, purge valve and reseatable spring-loaded relief valves. Provide refrigerant and waterside constructed and stamped in accordance with ASME Requirements. Provide CRN numbers on each shell.”

.3 Item 2.3.9, Add the following:

“.9 Provide hinges on all water box coverplates.”

**501 HERON ROAD  
CONFEDERATION HEIGHTS COOLING PLANT  
CHILLER #3 REPLACEMENT**

PROJECT NO. R.037619.002

PAGE 2 of 2  
DATE: February 21, 2013

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**2. SECTION 23 64 16 – PACKAGED CENTRIGUAL WATER CHILLERS (CONT'D)**

.4 Item 2.5.5, Add the following:

“.5 If gear drive is provided, provide gear drive compressor with the impeller taper mounted to the pinion gear. Impellers shall be aluminum, fully shrouded, Teflon impregnated and balanced to 0.14 IPS at the compressor bearings. Bearings shall be aluminum insert, hydrodynamic, sleeve type with an infinite life rating. Motor shall be refrigerant cooled, high efficiency type. Thermistors in any of the three (3) windings shall be provided to stop the compressor if excessive temperature is sensed. Capacity control shall be accomplished by the use of hydraulically operated inlet guide vanes and moveable discharge diffuser. Capacity controls shall allow modulation from 100% to 10% of scheduled conditions without the use of Hot Gas Bypass. Capacity control system shall be internal with no linkage penetrations through the castings.”

.5 Item 2.11.4, Add the following:

“.4 Provide a factory run test witnessed by the Departmental Representative under the conditions as specified above to check performance (tons and kW) and operating controls of the chiller. The Departmental Representative will provide their own transportation and accommodations.”

.6 Item 3.3.5, Add the following:

“.5 Controls contractor to install control wiring from remote VFD to chiller as per manufacturer's instructions.”

**3. SECTION 25 90 01 – EMCS: SITE REQUIREMENTS, APPLICATIONS AND SYSTEMS SEQUENCE OF OPERATION**

.1 Item 1.2.5, Add the following:

“.5 For operation code and unit safety fault codes, text of error code number to be programmed to BAS.”