

**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
Public Works Government Services Canada- Bid  
Receiving / Réception des soumissions  
189 Prince William Street  
Room 421  
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 421  
Saint John  
New Bruns  
E2L 2B9

<b>Title - Sujet</b> General Purpose Bldg-N.B./N.S.	
<b>Solicitation No. - N° de l'invitation</b> EC016-123090/A	<b>Amendment No. - N° modif.</b> 017
<b>Client Reference No. - N° de référence du client</b> R.043958.001	<b>Date</b> 2012-05-23
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWB-007-3063	
<b>File No. - N° de dossier</b> PWB-1-34209 (007)	<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 2012-05-29</b>	<b>Time Zone</b> Fuseau horaire Atlantic Daylight Saving Time ADT
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Ellis-Herring , Alison PWB	<b>Buyer Id - Id de l'acheteur</b> pwb007
<b>Telephone No. - N° de téléphone</b> (506) 636-3908 ( )	<b>FAX No. - N° de FAX</b> (506) 636-4376
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

**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>

---

This Solicitation Amendment Number Seventeen (17) is raised to include the following addendum.

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

**All other terms and conditions remain the same.**

### **Addendum No. 17**

#### **QUESTIONS AND ANSWERS**

Q1

In Amendment #11, PWGSC have now informed us contrary to the previous amendments that Geothermal heating will now be required for Springhill Institution as well. Given the previous information, the design has been completed for Springhill using the District Heating System and is being priced by subcontractors. Now proponents are expected to re-design the heating systems to add Geothermal as the heat source given the thermal conductivity testing provided which will take time and additional expense. Again we ask that PWGSC absolutely confirm that Geothermal Heating is to be used for both Springhill and Atlantic Institutions.

A1

The primary source of heating and cooling for both buildings (i.e. Springhill and Renous) will be via a geothermal heat pump system. The system shall have a vertical geothermal well field, and water to water heat pumps. Building heating distribution will be done via in-floor radiant heat. The cooling system should be equipped with terminal devices to provide appropriate space zoning (i.e. interior, exterior zones, etc). For the Springhill location the institutes district heating system shall be used to provide back-up heating. Back-up heating at the Renous building will be provided electrically. Back-up heating systems are mandatory at both locations.

Q2

Q7 in Amendment #11 asked if geothermal was to be used for cooling as well and A7 referred us to A4 which does not mention cooling. Can we therefore assume that Geothermal is not to be used for cooling as it is not mentioned?

A2

See answer to Q1.

---

### Q3

Geothermal conductivity testing was provided for Springhill in Amendment #11 but nothing has been provided for the Atlantic Institution. Please clarify the assumptions to be used for thermal conductivity in Renous.

### A3

The design/build team will be responsible to perform the conductivity well test after contract award. The Renous building well field design (done prior to award) shall be based on the Springhill conductivity tests already provided to the contractors. This design shall be verified/revised as required after the completion of the conductivity well test at Renous.

### Q4

The new site plan for the Springhill institution issued in Amendment #5 shows a new access route to the construction area for the new GI building. Unlike the Atlantic Institution Drawing, there is no mention of asphalt paving, Is it intended that this will be a permanent access for firefighting equipment and other emergency vehicles or is this just a temporary road for construction access that is to be reinstated to landscaping by the Contractor when construction is complete? If permanent, please provide the required performance specification for this new road and the extent of new work.

### A4

The building must face at least one street and therefore requires an access route. The access route is to be constructed as required by Articles 3.2.5.5 and 3.2.5.6 of the National Building Code of Canada 2010 . The site specific requirement for the fire route is really part of the design process. It may be likely that the construction access road would remain and become the fire route. The route will be paved and must be designed to take the weight of the fire equipment

### Q5

Assuming the access route now shown for the Springhill Institute is to be permanent, should a strip of asphalt be added at the side of the building. Normally the fire truck would want direct access and parking at the main entrance but because of the orientation provided by PWGSC to us, this is not feasible but asphalt at the side of the building would at least allow access to a door at the end of the building corridor. Please advise.

### A5

If the fire route is to the rear area of the building then design of access to side a door must be included . This is acceptable provided a fire alarm annunciator is provided at the point where the fire department will be entering the building.

Solicitation No. - N° de l'invitation

EC016-123090/A

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

R.043958.001

Amd. No. - N° de la modif.

017

File No. - N° du dossier

PWB-1-34209

Buyer ID - Id de l'acheteur

pwb007

CCC No./N° CCC - FMS No/ N° VME

---

Q6

There are no fire hydrants in the immediate vicinity of the new buildings in both Springhill and the Atlantic Institution. By code it is normally required to have a hydrant within 45 metres of the fire department connection on the new building. Should new fire hydrants be included for both buildings?

A6

Yes fire hydrants are required to be present within 45 meters of the fire department connection and are to be unobstructed. There are two existing hydrants at approximately 60 meters away. The new hydrant should be no more than 10 meters from the new building.