



**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 0B2 / Noyau 0B2**  
**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

Vendor/Firm Name and Address  
Raison sociale et adresse du  
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution  
Electrical & Electronics Products Division  
11 Laurier St./11, rue Laurier  
7B3, Place du Portage, Phase III  
Gatineau, Québec K1A 0S5

<b>Title - Sujet</b> Programmable AC/DC RLC Load	
<b>Solicitation No. - N° de l'invitation</b> 31184-170632/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> 31184-170632	<b>Date</b> 2017-09-07
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$HN-446-73267	
<b>File No. - N° de dossier</b> hn446.31184-170632	<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 2017-09-26</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Daylight Saving Time EDT
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Garcia Lozano, Quiterie	<b>Buyer Id - Id de l'acheteur</b> hn446
<b>Telephone No. - N° de téléphone</b> (819) 420-0326 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<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>

Solicitation No. - N° de l'invitation  
31184-170632/A  
Client Ref. No. - N° de réf. du client  
31184-170632

Amd. No. - N° de la modif.  
001  
File No. - N° du dossier  
HN446.31184-170632

Buyer ID - Id de l'acheteur  
HN446  
CCC No./N° CCC - FMS No./N° VME

---

This Amendment 001 is raised to answer a Bidder's questions.

#### **Question 1**

Can you please provide more details on the application that this load will be used for?

#### **Answer:**

The load bank is to be used to simulate different AC/DC loads with different linear and no-linear load features in electrical power system for Vehicle-to-X (X: Home, Building and Grid) performance test at NRC-M24A CCHT facility.

#### **Question 2**

Will short circuit testing be required?

#### **Answer:**

The load bank unit must be CSA approved. The short circuit testing is required.

#### **Question 3**

The prescribed RLC circuit is only creating a unique waveform in a 2 quadrant loading application, will having the ability to modify the waveform by drawing and saving the profile meet this intent of a number entry?

The Chroma unit is a 2 quadrant unit and in RLC mode is still only creating a 2 quadrant waveform (a real RLC circuit simulation would require a true 4 quadrant load). Would the ability to create and modify your own waveform and being able to save various waveform profiles meet this requirement?

#### **Answer:**

No, it should be not to create/modify/save waveform profiles, but to be able to emulate RLC circuits by entering their values from the front panel of the unit and its operational software.

#### **Question 4**

Is this application for a 2 quadrant or 4 quadrant load?

#### **Answer:**

2 quadrant loads

#### **Question 5**

What is the maximum AC current required and at what voltage value? What is the max power level required?

#### **Answer**

Maximum AC current required and voltage value: 60A and split-phase 240V  
Max power level required: 9,000W

\*\*\* All other terms and conditions remain unchanged. \*\*\*