

**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> CCTV ACCESSORIES	
<b>Solicitation No. - N° de l'invitation</b> 47064-152445/A	<b>Amendment No. - N° modif.</b> 007
<b>Client Reference No. - N° de référence du client</b> 1000322445	<b>Date</b> 2015-03-09
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$HN-458-66685	
<b>File No. - N° de dossier</b> hn458.47064-152445	<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 2015-03-16</b>	
<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> Lee, Carlos	<b>Buyer Id - Id de l'acheteur</b> hn458
<b>Telephone No. - N° de téléphone</b> (819) 956-3490 ( )	<b>FAX No. - N° de FAX</b> (819) 953-4944
<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>

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Amd. No. - N° de la modif.

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hn45847064-152445

Buyer ID - Id de l'acheteur

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Amendment 007 is raised to answer the following question and to make the following changes:

**Question 6:**

**Section 2.6.1**

The APC SURT8000XLT-1TF3 is a 8000VA/6400W UPS, which has a run time with one SURT192XLBP battery of 6400W for 15 minutes. This does not meet the requirement to supply 6400W for 20 minutes.

It is possible to extend the run time to 28 minutes/ 6400 W by adding one more SURT192XLBP battery. Do you wish to add one more SURT192XLBP battery and replace the UPS to APC SURT8000XLT-1TF3 + 2 x SURT192XLBP?

**Answer 6:**

Yes. One (1) additional SURT192XLBP battery may be added to proposal, for a total of two (2)  
The form must be a height of 12U or less.  
UPS must support terminal mode via an RS-232 serial interface to access the enhanced configuration menu  
The topology must now include double conversion.

## Annex A - Statement of Requirement - Section 2.6.1

INSERT:

### 2.6.1 Uninterrupted Power Supply (UPS)

The supplied UPS will meet the specifications of the table (UPS-M) below:

<b>Reference : UPS-M</b>	
<b>UPS (Uninterrupted Power Supply) Requirements</b>	
<i>All stated specifications are mandatory</i>	
<b>Form Factor</b>	« Rackmount » standard, Width of 48.26 cm (19”), Height of <b>12U</b> or less
<b>Power Rating</b>	The uninterruptible power supply (UPS) or series of uninterruptible power supplies must be able to supply power to the servers, Ethernet switch, and cameras in the Port of Entry.
<b>Power Runtime</b>	The uninterruptible power supply (UPS) must be able to supply a minimum of 20 minutes of power at 8000VA power capacity during a power outage.
<b>Soft Shutdown</b>	In the event of a power outage, the UPS system is to be configured to initiate a safe shutdown of the servers based on battery capacity and/or time delay.
<b>Connectivity</b>	UPS system must be connected to each server through a network interface in order to initiate the shutdown in case of power outage.
	UPS must support SNMP
	UPS must support RPO – Remote Power Off
	UPS must support ROO – Remote On/Off
	<b>UPS must support Terminal mode via an RS-232 serial interface to access the enhanced configuration menu</b>
<b>Output Waveform</b>	True sine wave output Output voltage distortion with less than or equal to 5% distortion at full load.
<b>Inputs/Outputs</b>	Inputs – Hard Wire 3-wire (2PH + G)
	Outputs – (8) NEMA 5-20R
	(1) NEMA L14-30R (4) NEMA L6-20R (2) NEMA L6-30R
<b>Topology</b>	The UPS must be Online Topology type, constantly converting the power from AC to DC then back to AC. <b>(Double Conversion)</b>
	Must utilize a three-stage charging technique or better
<b>Batteries</b>	Must utilize hot-swappable batteries to maximize the up-time and availability of the CCTV network
<b>Efficiency</b>	Must have an efficiency rating of 93% (+/- 2%) at full load
<b>Grade</b>	UPS must be considered 'Server Grade'.
<b>Example</b>	UPS such as APC SURT8000XLT-1TF3 + SURT192XLBP or equivalent.

**DELETE:**

## 2.6.1 Uninterrupted Power Supply (UPS)

The supplied UPS will meet the specifications of the table (UPS-M) below:

<b>Reference : UPS-M</b>	
<b>UPS (Uninterrupted Power Supply) Requirements</b>	
<i>specifications</i>	
<b>Form Factor</b>	« Rackmount » standard, Width of 48.26 cm (19"), Height of 9U or less
<b>Power Rating</b>	The uninterruptible power supply (UPS) or series of uninterruptible power supplies must be able to supply power to the servers, Ethernet switch, and cameras in the Port of Entry.
<b>Power Runtime</b>	The uninterruptible power supply (UPS) must be able to supply a minimum of 20 minutes of power at 8000VA power capacity during a power outage.
<b>Soft Shutdown</b>	In the event of a power outage, the UPS system is to be configured to initiate a safe shutdown of the servers based on battery capacity and/or time delay.
<b>Connectivity</b>	UPS system must be connected to each server through a network interface in order to initiate the shutdown in case of power outage.
	UPS must support SNMP
	UPS must support RPO – Remote Power Off
	UPS must support ROO – Remote On/Off
<b>Output Waveform</b>	True sine wave output Output voltage distortion with less than or equal to 5% distortion at full load.
<b>Inputs/Outputs</b>	Inputs – Hard Wire 3-wire (2PH + G)
	Outputs – (8) NEMA 5-20R
	(1) NEMA L14-30R
	(4) NEMA L6-20R (2) NEMA L6-30R
<b>Topology</b>	The UPS must be Online Topology type, constantly converting the power from AC to DC then back to AC.
	Must utilize a three-stage charging technique or better
<b>Batteries</b>	Must utilize hot-swappable batteries to maximize the up-time and availability of the CCTV network
<b>Efficiency</b>	Must have an efficiency rating of 93% (+/- 2%) at full load
<b>Grade</b>	UPS must be considered 'Server Grade'.
<b>Example</b>	UPS such as APC SURT8000XLT-1TF3 + SURT192XLBP or equivalent.

## Annex B - Mandatory Evaluation Criteria

### INSERT:

	<b>Mandatory Requirements: UPS (Uninterrupted Power Supply)</b>	<b>Met/Not Met</b>	<b>Bidder Description (reference location in bid)</b>
	<b>Reference : UPS-M</b>		
<b>I11</b>	<b>Form Factor</b> « Rackmount » standard, Width of 48.26 cm (19"), Height of <b>12U</b> or less		
<b>I12</b>	<b>Power Rating</b> The uninterruptible power supply (UPS) or series of uninterruptible power supplies must be able to supply power to the servers, Ethernet switch, and cameras in the Port of Entry.		
<b>I13</b>	<b>Power Runtime</b> The uninterruptible power supply (UPS) must be able to supply a minimum of 20 minutes of power at 8000VA power capacity during a power outage.		
<b>I14</b>	<b>Soft Shutdown</b> In the event of a power outage, the UPS system is to be configured to initiate a safe shutdown of the servers based on battery capacity and/or time delay.		
<b>I15</b>	<b>Connectivity</b> UPS system must be connected to each server through a network interface in order to initiate the shutdown in case of power outage. UPS must be SNMPv3 manageable UPS must support RPO – Remote Power Off UPS must support ROO – Remote On/Off <b>UPS must support Terminal mode via an RS-232 serial interface to access the enhanced configuration menu</b>		
<b>I16</b>	<b>Output Waveform</b> True sine wave output Output voltage distortion with less than or equal to 5% distortion at full load.		
<b>I17</b>	<b>Inputs/Outputs</b> Inputs – Hard Wire 3-wire (2PH + G) Outputs – (8) NEMA 5-20R (1) NEMA L14-30R (4) NEMA L6-20R (2) NEMA L6-30R		
<b>I18</b>	<b>Topology</b> The UPS must be Online Topology type, converting the power from AC to DC then back to AC. <b>(Double Conversion)</b> ABM technology to increase battery life by 50 percent. Utilizing ABMs three-stage charging technique or better.		

<b>I19</b>	<b>Grade</b>	UPS must be considered 'Server Grade'.		
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**DELETE:**

	<b>Mandatory Requirements: UPS (Uninterrupted Power Supply)</b>	<b>Met/Not Met</b>	<b>Bidder Description (reference location in bid)</b>
	<b>Reference : UPS-M</b>		
<b>I11</b>	<b>Form Factor</b> « Rackmount » standard, Width of 48.26 cm (19"), Height of 9U or less		
<b>I12</b>	<b>Power Rating</b> The uninterruptible power supply (UPS) or series of uninterruptible power supplies must be able to supply power to the servers, Ethernet switch, and cameras in the Port of Entry.		
<b>I13</b>	<b>Power Runtime</b> The uninterruptible power supply (UPS) must be able to supply a minimum of 20 minutes of power at 8000VA power capacity during a power outage.		
<b>I14</b>	<b>Soft Shutdown</b> In the event of a power outage, the UPS system is to be configured to initiate a safe shutdown of the servers based on battery capacity and/or time delay.		
<b>I15</b>	<b>Connectivity</b> UPS system must be connected to each server through a network interface in order to initiate the shutdown in case of power outage.		
	UPS must be SNMPv3 manageable		
	UPS must support RPO – Remote Power Off		
	UPS must support ROO – Remote On/Off		
<b>I16</b>	<b>Output Waveform</b> True sine wave output Output voltage distortion with less than or equal to 5% distortion at full load.		
<b>I17</b>	<b>Inputs/Outputs</b> Inputs – Hard Wire 3-wire (2PH + G) Outputs – (8) NEMA 5-20R (1) NEMA L14-30R (4) NEMA L6-20R (2) NEMA L6-30R		
<b>I18</b>	<b>Topology</b> The UPS must be Online Topology type, converting the power from AC to DC then back to AC. ABM technology to increase battery life by 50 percent. Utilizing ABMs three-stage charging technique or better.		
<b>I19</b>	<b>Grade</b> UPS must be considered 'Server Grade'.		

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