



**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

L'Esplanade Laurier

East Tower, 4th floor,

Ottawa

Ontario

K1A 0S5

|   |   |
|---|---|
| <b>Title - Sujet</b><br>CCTV Upgrade/Beaver Creek Institut  |   |
| <b>Solicitation No. - N° de l'invitation</b><br>21120-199217/A  | <b>Amendment No. - N° modif.</b><br>004                                   |
| <b>Client Reference No. - N° de référence du client</b><br>21120-19-2969217   | <b>Date</b><br>2019-01-22   |
| <b>GETS Reference No. - N° de référence de SEAG</b><br>PW-\$\$HN-445-76015  |   |
| <b>File No. - N° de dossier</b><br>hn445.21120-199217   | <b>CCC No./N° CCC - FMS No./N° VME</b>                                    |
| <b>Solicitation Closes - L'invitation prend fin</b><br><b>at - à 02:00 PM</b><br><b>on - le 2019-02-19</b>  | <b>Time Zone</b><br><b>Fuseau horaire</b><br>Eastern Standard Time<br>EST |
| <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><br>Ladouceur, Joanne M.   | <b>Buyer Id - Id de l'acheteur</b><br>hn445                               |
| <b>Telephone No. - N° de téléphone</b><br>(613) 296-4282 ( )  | <b>FAX No. - N° de FAX</b><br>( ) -                                       |
| <b>Destination - of Goods, Services, and Construction:</b><br><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><br><b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>   |  |
| <b>Telephone No. - N° de téléphone</b><br><b>Facsimile No. - N° de télécopieur</b>   |  |
| <b>Name and title of person authorized to sign on behalf of Vendor/Firm</b><br><b>(type or print)</b><br><b>Nom et titre de la personne autorisée à signer au nom du fournisseur/<br/>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b> |  |
| <b>Signature</b>   | <b>Date</b>                                  |

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21120-199217/A  
Client Ref. No. - N° de réf. du client  
21120-199217

Amd. No. - N° de la modif.  
004  
File No. - N° du dossier  
hn445.21120-199217

Buyer ID - Id de l'acheteur  
hn445  
CCC No. /N° CCC - FMS No. /N° VME

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This amendment 004 is raised to provide a response to a supplier enquiry. The question and response are provided as follows:

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**Question:** The information provided in the site specific STR along with the nodal drawing provided in Appendix A illustrates a three-tier network design (Core>Distribution>Edge) does not appear to fully meet the network fabric requirements detailed in the STR. Is CSC mandating that the network configuration illustrated in Appendix A be deployed as the solution for meeting the network requirements detailed in the STR or is it the responsibility of the bidder to propose a solution that fully meets the network requirements detailed in the STR?

**Response:** Due to the BCI site layout and physical separation of the Communication equipment rooms, and to avoid running extensive amounts of new fiber, CSC requires a 3 tier network design at this site, with core switches in Node 1 and distribution switches in both BN1 and FN1. The aggregated capacity for the edge switches routed into BN1 and FN1 respectively implies deploying active-active core switches at these locations as well as node 1.

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**Question:** Who is responsible for patching and painting any surfaces that are damaged or need to be cut/drilled to mount equipment.

**Response:** See section 4.16 of the Statement of technical requirement.

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**Question:** What are the actual work hours on site and what is the approximate amount of time for a Technician to enter the facility with his hand tools? Minimum security and Medium facilities.

**Response:** Work hours are normally 0700 – 1600 but can be extended if security escorts are available, there is no way to confirm availability. Contractors normally bring a locking job box into the worksite and all hand tools are locked up inside the institution. This reduces entry time to 5 – 10 minutes based on pedestrian traffic at the main entrance.

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**Question:** What are the requirements for paperwork / tool logs etc to bring equipment on site.

**Response:** The CSC has a standard tool list to be submitted at the beginning of the project and an electronics registry form for cellular phones and computers.

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**Question:** Is the fiber requested to be single or multimode fiber?

**Response:** All fibre requirements are identified in Appendix C and G.

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**Question:** Can we re-use any existing conduit?

**Response:** Conduit specifications are detailed in ES/SPEC-0006

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**Question:** For civil work between the buildings can you please provide a map of “no dig areas”

**Response:** The contractor is responsible for all infrastructure locates.

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**Question:** Could the crown confirm - KVM switch requirement for SIO office are three KVM switches required? if KVM switches are required or Extenders for FBB 110 as the NVUS's are located in FBB-127, if KVM switches are required or Extenders for FBD 120 as the NVUS's are located in FBD-205

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**Response:** KVM requirements are detailed in Appendix C items 141 through 161. Where client and desktop / monitor are located in different rooms a KVM extension will be required.

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**Question:** Could you please clarify how many Storage appliances are requested ?and how much Raw storage per appliance is requested?

**Response:** Appendix G Page 2 shows 6 storage appliances, 3 in archive A and 3 in archive B. Each storage appliance will record up to 200 cameras occupying appliance A-1, A-2 and the redundant B-1 and B-2. Appliance A-3 and B-3 are to be programmed as failover appliances within the Genetec VMS.

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All other terms and conditions remain unchanged.