



**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> CCTV System Upgrade - Beaver Creek CCTV System Upgrade - Beaver Creek Institution	
<b>Solicitation No. - N° de l'invitation</b> 21120-219816/A	<b>Amendment No. - N° modif.</b> 005
<b>Client Reference No. - N° de référence du client</b> 21120-21-3709816	<b>Date</b> 2021-11-04
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$HN-336-80355	
<b>File No. - N° de dossier</b> hn336.21120-219816	<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> Eastern Standard Time EST <b>on - le 2021-11-19</b> Heure Normale de l'Est HNE	
<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> Bisson(hn336), Phillippe	<b>Buyer Id - Id de l'acheteur</b> hn336
<b>Telephone No. - N° de téléphone</b> (613) 295-8641 ( )	<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> Raison sociale et adresse du fournisseur/de l'entrepreneur	
<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> (type or print) <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

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## **SOLICITATION AMENDMENT 005 IS RAISED TO**

- (1) ANSWER THE FOLLOWING QUESTIONS;**
- (2) EXTEND THE SOLICITATION PERIOD; AS FOLLOWS:**

**(1)**

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### **Question 1:**

Is Senstar Network Manager deployed and in use on site? If yes, what version?

### **Answer 1:**

Network manager is not deployed at this site.

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### **Question 2:**

Does Beaver Creek have a Lanser for CCTV deployed and in use on site?

### **Answer 2:**

Yes.

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### **Question 3:**

Does CSC expect 1GE or 10GE uplink from Core to Edge switches?

### **Answer 3:**

1. OM3 links are to be provided with 1GE
  2. OS2 links are to be provided with 10GE
  3. See Appendix G
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### **Question 4:**

Please confirm that 10GE connectivity is only required between core switches, and between two physical edge switches acting as one virtual switch.

### **Answer 4:**

1. 10GE connectivity is ALSO required between core switches and as in Q3.
  2. All instances of paired switches will require 10GE connectivity so these act a one virtual switch.
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### **Question 5:**

Can you confirm how much storage is required for the archivers, as they are not primary storage? Will the archiver storage need to be RAID5?

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**Answer 5:**

1. The video mover application will move video from the archivers to the storage appliances every 20 minutes. Each archiver must be equipped with sufficient storage for up to 60 minutes of 1/3 the total number of cameras being archived (400 cameras – Section 3.2.5 of the STR).

1. From Appendix G - Video storage appliances A-1 + A-2 + A-3 = 100% total video storage requirement.

2. If the video storage solution on the archiver is RAID 5 there must be a minimum of 4 hard drives (3 drives in RAID 5 and one as hot spare to the RAID array).

3. If the video storage solution on the archiver is RAID 5 the RAID array must be controlled by a hardware RAID controller card installed into the archiver. Software RAID controllers are not acceptable.

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**Question 6:**

Can CSC / PSCP advise what their expectation is for material delivery?

**Answer 6:**

The project time line is detailed in the PSCP RFP and again in the final signed contract. The contractor is responsible to procure required materials, install, integrate, test, and handover this completed project within the prescribed timelines of the contract.

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**Question 7:**

Is a 24-port switch model with 16x SFP acceptable for distribution (sub-core) switches?

**Answer 7:**

Yes – providing the switch meets the operational requirements detailed in section 4.7 of the statement of technical requirements.

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**Question 8:**

Can CSC provide the Genetec system ID, current software version, and current licensing quantities deployed on site?

**Answer 8:**

This is not necessary, the existing numbers of cameras, clients are detailed in the RFP. The existing VMS is Omnicast V4.8 the successful contractor will be providing a new Security Center 5.x VMS installation.

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**Question 9:**

Are there any specialty Genetec licenses or plugins deployed on the system currently?

**Answer 9:**

The only plug-in currently installed is for the Bosch cameras.

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**Question 10:**

With worldwide shortages affecting technology supply channels, how will this be addressed if the current lead times continue as today? (some vendors are stating 30 weeks)

**Answer 10:**

Any delivery shortages will be addressed on a case by case basis with the CSC and PCSC to determine if contract extensions are warranted. The contractor will be expected to provide proof of equipment delivery delay from the equipment supplier.

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**Question 11:**

Can an extension be granted until Dec 1, 2021?

**Answer 11:**

Please see next section.

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**Question 12:**

Regarding the environmental specifications for the core and edge switches. 0% humidity is not often observed in normal environments. Many vendors do not support humidity this low. Will CSC accept a core and edge switch that supports a 10% humidity starting point? And a hardened outdoor switch that supports a 5% humidity starting point?

**Answer 12:**

1. 0% is a typo and should read 10%. Please change operating humidity range for indoor network switches to 10% - 95% non-condensing.
  2. Outdoor switches operating humidity range will be 5% - 95% non-condensing.
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**Question 13:**

As per the bid information and early answers, CSC wishes to have dual 10GE links for all edge switches. However, for smaller switch deployments under 8 ports or where industrial switches are required will CSC accept dual 1GE links from the small edge switch to the core?

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**Answer 13:**

Yes – as per the previous set of questions smaller 8 port switches may be equipped with 1GE links.

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**Question 14:**

Regarding security NAC solution. Would CSC accept a NAC or any other NMS solution that is open source, 3rd party or white labeled?

**Answer 14:**

No, the provided network management solution must be of the same manufacturer as the network switches.

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**(2)**

At Solicitation cover page, “Solicitation closes” section:

**Delete:** 2021-11-12

**Insert:** 2021-11-19

**\*\* ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED \*\***