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**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 EQUIPMENT AT MILLHAVEN	
<b>Solicitation No. - N° de l'invitation</b> 21120-147892/A	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> 21120-14-2007892	<b>Date</b> 2015-02-23
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$HN-461-66520	
<b>File No. - N° de dossier</b> hn461.21120-147892	<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 2015-03-13</b>	
<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> Hallman, Patti	<b>Buyer Id - Id de l'acheteur</b> hn461
<b>Telephone No. - N° de téléphone</b> (819) 956-7390 ( )	<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

21120-147892/A

Amd. No. - N° de la modif.

002

Buyer ID - Id de l'acheteur

hn461

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

21120-14-2007892

File No. - N° du dossier

hn46121120-147892

CCC No./N° CCC - FMS No/ N° VME

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Amendment 003 is issued to address additional Questions received and update the solicitation close date.

**ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED**

## Questions and Answers Solicitation 21120-147892 (part 2)

Q21 – Can we re-use any of the existing VMS servers and archivers that are in the institution or are we providing a completely new head end including servers (NVR’s) and archivers.

A21 – <DS> The contractor must provide a completely new head-end including servers, archivers and video storage.

Q22 – In 4.8.7 of the STR it mentions “The contractor must provide an additional 166 Genetec camera licenses to provide capacity to integrate up to 400 cameras into the provided digital video archive.” Can you confirm that these are the only licenses we are required to provide total for this project?

A22 – <DS> The contractor must provide 166 CCTV camera licenses, 300 failover camera licenses and 30 additional client licenses

Q23 – Prior to any work commencing on site, is the Contractor to provide proof of Electrical Permit and be required to provide an approved ESA inspection certificate prior to commencing Acceptance Testing?

A23 – <DS> The contractor must provide proof of electrical permit and provide ESA inspection certificates for all electrical work completed in this project. Copies of ESA inspection certificates are to be included at time acceptance testing and in the final contract documentation.

Q24 – Is the contractor required to pull a Notice of Project within the local township?

A24 – <DS> The contractor is not required to provide the township with a “Notice of Project”.

Q25 – Section 4.5.7 – Camera Type #6 – Is a wiper required on this enclosure and can the enclosure be powered via PoE?

A25 – <DS> A wiper is not required for Camera Type #6. The camera and enclosure can be powered by PoE. The contractor must provide the PoE source as is detailed in Section 4.6 of this STR.

Q26 – In Appendix C in the STR (Page 45) – There is no mention of a new UPS for Room MHT-169 but other nodes in this section describe the required UPS. Is there a new UPS required for this room and what is the future expandability required (%)?

A26 – <DS> There is no requirement for a new UPS in MHT-169 as the NVR specified will reduce power consumption and the existing UPS is satisfactory for the load.

Q27 – Can IP Based KVM extenders be used instead of end to end KVM devices for the Client stations requiring vide/USB extensions, providing they are VESA compliant and adheres to all other requirements in Section 4.11?

A27 – <DS> In lieu of recent solution discoveries crown will permit the contractor to use either IP based KVM extensions or a thin client at the edge for type 1 NVUS clients only. A thin client will be required to meet the following specifications at a minimum.

Each NVUS client will be a thin profile device. The client will be supplied with a VESA mounting bracket for direct installation to the back of a VESA mount monitor. The contractor must mount the provided client to the back of one of the monitors to be installed as part of this project. The contractor will provide 2 display port or HDMI cables (one short and one of suitable length) to provide video signal to both monitors.

Each NVUS client provided will have the following attributes.

- Intel Core i5-4570T 2.9GHz processor
- 2 x 4GB DDR3 1600 SO-DIMM
- 2 x 10/100/1000Mbps Ethernet ports
- Intel HD Graphics 4600 adapter
- Intel 530 Series 120GB 2.5" SATA3 6Gb/s Solid State Drive
- 2 x DisplayPort or HDMI video ports
- Dimensions 7.4" x 7.4" x 2.01" (188 x 188 x 51 mm)

Also note as per a previous question the contractor will be permitted to provide clients and monitors that utilize the HDMI video port for video to the associated monitor.

4.10.2.5 Dual DVI or HDMI output video card with 1GB RAM memory and DirectX 9.0 support.

Q28 – It is noted that FT6 cable can be used in drop ceilings without the use of conduit, can the contractor free-air cable in drop ceiling or shall at a minimum, liquid tight flex be used where conduit cannot be used?

A28 – <DS> All cabling extending from one room to another room or building must be enclosed into a conduit.

Q29 – For all required electrical circuits, can the DA please confirm that all Required Electrical panels are within 50ft from the rack location?

A29 – <DS> Electrical Panels are represented by a red rectangular box with a single diagonal line through. They are labeled as “EP” on the drawings provided.



Q30 – For Camera Types #1 and #2 – There is mention of ensuring the camera has conduit entry, can the DA please confirm whether this requirement is to be threaded entry to ensure the IP rating is still adhered too?

A30 – <DS> Confirmed the entry port into the camera enclosure must be a threaded conduit port.

Q31 – Can Pivot 3 be used in a RAID6x array and remain compliant for the storage requirement?

A31 – <DS> The provided video storage solution must be compliant with the performance specification detailed in section 4.8 of the statement of technical requirement for this project.