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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

L'Esplanade Laurier

East Tower, 4th floor,

Ottawa

Ontario

K1A 0S5

Title - Sujet CCTV System Upgrade - Beaver Creek CCTV System Upgrade - Beaver Creek Institution	
Solicitation No. - N° de l'invitation 21120-219816/A	Amendment No. - N° modif. 004
Client Reference No. - N° de référence du client 21120-21-3709816	Date 2021-10-28
GETS Reference No. - N° de référence de SEAG PW-\$\$HN-336-80355	
File No. - N° de dossier hn336.21120-219816	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM Eastern Standard Time EST on - le 2021-11-12 Heure Normale du l'Est HNE	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Bisson(hn336), Phillippe	Buyer Id - Id de l'acheteur hn336
Telephone No. - N° de téléphone (613) 295-8641 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

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SOLICITATION AMENDMENT 004 IS RAISED TO ANSWER THE FOLLOWING QUESTIONS:

Question 1:

Section 3.1.2 “The system upgrade will consist of the provision of 188 new digital CCTV...”
The Camera Totals table provided count sheets shows a total of 191, please confirm?

Answer 1:

Appendix “C” is correct.

Question 2:

3.1.2 “The system upgrade will consist of ... 29 network video user stations (clients)”, The Graphic logical layout sheet totals 26, please clarify.

Answer 2:

Appendix “C” is correct:

Question 3:

4.2.4. “The contractor must test all existing fibre optic cabling...”. Some of these fibres are in use, will we need to confirm and test an online fibre or can we assume that live fibres are working and do not need testing? If they need to be tested then those systems attached will be off line.

Answer 4:

ALL fibres are to be tested. It may be necessary to transfer the in-use pair to a spare pair that has been previously tested, but in all cases, the site is to be advised where the contractor will be working and the possible implications of the days work.

Question 4:

4.5.9.Camera Type #3 (Anti-Ligature Corner Mount High Security Camera). The camera spec here shows the need for Varifocal lens, all of the rooms with these cameras are small, would like to confirm that there is a need for Varifocal lens's or would a fixed lens, Anti-Ligature camera suffice?

Answer 4:

As the specified camera has been discontinued, the specs will now read:
“ 2.4 mm, F2.0 Horizontal field of view: 125° Vertical field of view: 95° Fixed focus, fixed iris, M12 mount”.

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Question 5:

4.5.12. Camera Type #6 (Fixed Box Camera) “....The contractor will provide and install a new outdoor heated box camera enclosure for each type #6 camera provided in this STR....” But this conflicts with Section 82.4. it states “... The provided cameras will be type #6 as detailed in section 4.5.4.7 of this statement of technical requirements The contractor will provide and install a new wiper motor, wiper blade, motor coupling and exterior gasket for each existing enclosure.” Please confirm which is the correct solution.

Answer 5:

All references to Type 6 Cameras in Appendix “C” are correct.

Question 6:

Section 4.2 Network Architecture – “The contractor is responsible for taking all steps to minimize the number of network equipment device types/models required to minimize sparing requirements”, Please provide a little more detail on what the expectation is here?

Answer 6:

ALL cameras are to be from ONE manufacturer and each camera type shall be ONE model to reduce the sparing requirements.

Question 7:

13. F-14 – (V&C PTZ) “....The contractor must supply and install a PTZ outdoor colour network...13.4. Camera – The provided camera will be type #2....” Both the drawings and the Logical layout graphic show this camera as a Type 5 multi sensor camera – please confirm.

Answer 7:

Appendix “C” is correct.

Question 8:

B-26 – (V&C Search Area) 119.4. Cameras – The provided cameras will be type #1A. Appendix E calls this camera a Type 2 PTZ but is shown as a fixed in the plans and Logical Layout graphic - please confirm.

Answer 8:

Appendix “C” is correct.

Question 9:

29. F-31 (Visitor Search Area) “The contractor must supply and install an anti-ligature outdoor colour network camera – The provided cameras will be type #4 as detailed in section 4.5.4.5”. There is a conflict of information in this statement when compared to a couple of different sections re. The above quote references section 4.5.4.5 which details Type 4 cameras, and the description does not state anti-ligature. Another issue is when comparing different locations for Type 4 cameras and the descriptions are not the same even though they are Type 4, Example: I compare F-31 to F-58,”55. F-58 (SIS window) The contractor must supply and install a fixed network colour camera” There is at least one CCTV Manufacturer that does refer to a model of Panoramic cameras as Anti-Ligature, most do not, likely because they are low profile to begin with and on the ceiling. Please confirm the use of this description and the correct requirement.

Answer 9:

Camera F-31 is not anti-ligature.

Question 10:

F-32 (NPB Boardroom) “32.4. Cameras – The provided camera will be type #1A as....”, The Camera Count sheet has this as a Type -2.

Answer 10:

Appendix “C” is correct.

Question 11:

39. F-42 (V&C Inmate entry, The contractor must supply and install a fixed network colour camera that meets the following requirements. 39.1. Location – The location of camera F-42 is detailed on drawing “FBB –B101” 39.2. NODE – Camera F-34 will be connected to Node FN2 located in FB B- B1 27 . The contractor must supply and install all necessary CAT6 cabling and conduit from the camera location to the PoE switch in FBB-B 127 for a PoE connection to each camera. 39.3. FOV – Camera F-42 will observe the inmate entry vestibule FBB-B101. 39.4. Cameras – The provided camera will be type #1A as detailed in section 4.5.4.1 of this statement.” In Appendix E and Camera Count Sheets it calls for F-42 to be a Type 2 PTZ camera, please confirm the correct type.

Answer 11:

Appendix “C” is correct.

Question 12:

42. F-45 (Day room #1) “42.4. Cameras – The provided camera will be type #1A as detailed.....” The Camera Count sheets has this listed as a Type 2 Please confirm type.

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Answer 12:

Appendix “C” is correct.

Question 13:

62. F-67 (Inmate Canteen window)...” 62.4. Cameras – The provided camera will be type #1A as detailed in section 4.5.4.1 of this statement of technical requirements.” The Camera Count sheet has this listed as a Type 3 camera. Please confirm.

Answer 13:

Appendix “C” is correct.

Question 14:

72. F-252 – (Gym PTZ) “72.1.4. Camera – The provided camera will be type #2 as detailed in section 4.5.4.3 of”. Appendix E and the camera count sheets lists this as a Type 1 camera.

Answer 14:

Appendix “C” is correct.

Question 15:

78. F-264 (A&D waiting room) – 78.4. Cameras – The provided cameras will be type #3.” As above the Camera count sheet has camera F264 as a Type 1 not 3 – please confirm.

Answer 15:

Appendix “C” is correct.

Question 16:

M19 – FBA-104 (MCCP145. M20 – FBA-102 (PECP) and 146. M21 – FBA 102 (PECP). In the Logical Layout graphic, it appears that monitors M19 and M20 would share Client #11, but Appendix F shows that these three monitors each have their own clients; 11, 12, and 13 respectively. But the graphic does not show an additional client or monitor for M21 nor does appear to account for M21. The problem is hard to define but in general the Logical layout graphic is an important tool and it does not seem to match Appendix F for monitors and clients, please clarify.

Answer 16:

Appendix “C” is correct.

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Question 17:

155. M36 – FBE-122 (Edgewood Living Unit)...” 155.4. Monitor Specification – The contractor must supply and install a type 1 monitor.” Appendix F states this monitor should be a Type 2. This conflict is also true for monitors M37 and M38. Please clarify monitor types.

Answer 17:

Appendix “C” is correct.

Question 18:

“M1 – BC05-113 (Kitchen Office) 159.1. Monitor – The location of monitor M1 will be in kitchen manager’s office located in BC05-113. The provided monitor will be mounted on the desktop in the office on the desk. 159.5. Monitor Specification – The contractor must supply and install a type 2 monitor.” Sect 159 says this is Type 2 Monitor Appendix F says it is Type 1 This section says mounted in Cabinet' Section 159 says Desktop. Graphic shows two monitors which makes sense as there is a KVM switch but neither sections or drawings show 2 monitors. Please clarify.

Answer 18:

Appendix “C” is correct.

Question 19:

177 Nodes BN2 “The client supporting monitor M1 will be mounted into this cabinet as detailed in Appendix F.” Sect. 159 says this is Type 2 Monitor Appendix F says it is Type 1. This section says mounted in Cabinet' Section 159 says desktop. Graphic shows two monitors but neither section or drawings show 2 monitors.

Answer 19:

Appendix “C” is correct.

Question 20:

178. Node BN3 (BC12-B11) “V&C Node BN3 will connect to the Node BN1 via existing OM3 fibre. The contractor will provide 1 x 24 port network switch. The provided switch will be connected to Node FN1 via 2 strands of existing OM3 fibre optic cable connected to a SFP directly into the switch. The client supporting monitors M2 & M3 will be mounted into this cabinet as detailed in Appendix F.” Section 160 says Desktop mounted and here is says cabinet? Please clarify.

Answer 20:

Appendix “C” is correct.

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Question 21:

“185. Node BN10 (BC62-004) 50 Bed Unit Node BN10 will connect to the Node BN1 via a new 12 strand OM3 fibre. The contractor will provide and install a new 12 strand OM3 fibre optic cable between BC62 and BC55, all strands will be terminated and mounted into a new fibre termination bay. The contractor must provide 1 x 24 port network switch. The provided switch will be connected to Node FN1 via 2 strands of existing OM3 fibre optic cable connected to a SFP directly into the switch.” Should there be a UPS for this node?

Answer 21:

This Node is on a building wide UPS.

Question 22:

Logical Layout drawing for FBC Node FN3 shows 5 monitors and 3 clients however Appendix F M31 to M34 calls for 4 monitors and 4 clients, please confirm.

Answer 22:

Appendix “C” is correct.

Question 23:

BC05 Logical Layout graphic shows 2 monitors in drawing but only one listed in appendix F. Please confirm.

Answer 23:

Appendix “C” is correct.

Question 24:

BC-05 Section 159 says Desktop T-2, Appendix F says T-1 Please confirm

Answer 24:

Appendix “C” is correct.

Question 25:

BC-12 V&C Node BN3 Drawings and Logical Layout do not match, camera BB-26 is a PTZ in Appendix E but fixed in Drawing and Graphic. Please clarify.

Answer 25:

Appendix “C” is correct.

Question 26:

Please provide clarification that the 9 sub-nodes on the FN side require 10 GB SFP's, while node FN1 have 16 1GB SFP.

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Answer 26:

10gb SFP are required.

Question 27:

Please provide clarification what style of SFP (1GB, 10GB) is required for the switches in the 9 sub-nodes on the BN side.

Answer 27:

10gb SFP as above.

Question 28:

Based on Appendix C page 155 and Virtual tour documents, the contractor should provide and install a wall mount, vertical hang EIA/TIA 19" rack mount cabinet for equipment in Nodes BN7, BN8 and BN9, but during the virtual tour it was recommended to supply and install 24RU rack with casters, could you please confirm that 24RU is to be used for these nodes.

Answer 28:

A floor rack with casters, sufficient to house the equipment is required.

Question 29:

Sec 4.8.13 on page 82 states that the provided NVRS must provide up to 150TB raw storage per 3U vertical rack space, while Sec 4.8.20 states that the provided NVRS must have sufficient capacity to record up to 400 cameras. Our understanding is that 4.8.13 of the STR does not specify 150 TB as the required amount of raw storage, the actual required raw storage needs to be calculated based on the requirements given in 4.8.20, appreciate if you could clarify.

Answer 29:

Based on the calculations, the system shall have 150tb per stack or the calculated amount. Whichever is greater.

Question 30:

For the submission process via epost Connect, we were advised by Canada Post that we would require an email invitation on the platform from PWGSC to upload the documents. Please confirm that this will be sent to the bidders prior to the submission deadline.

Answer 30:

Please follow bid instructions of section 2.2 – Submission of bids.

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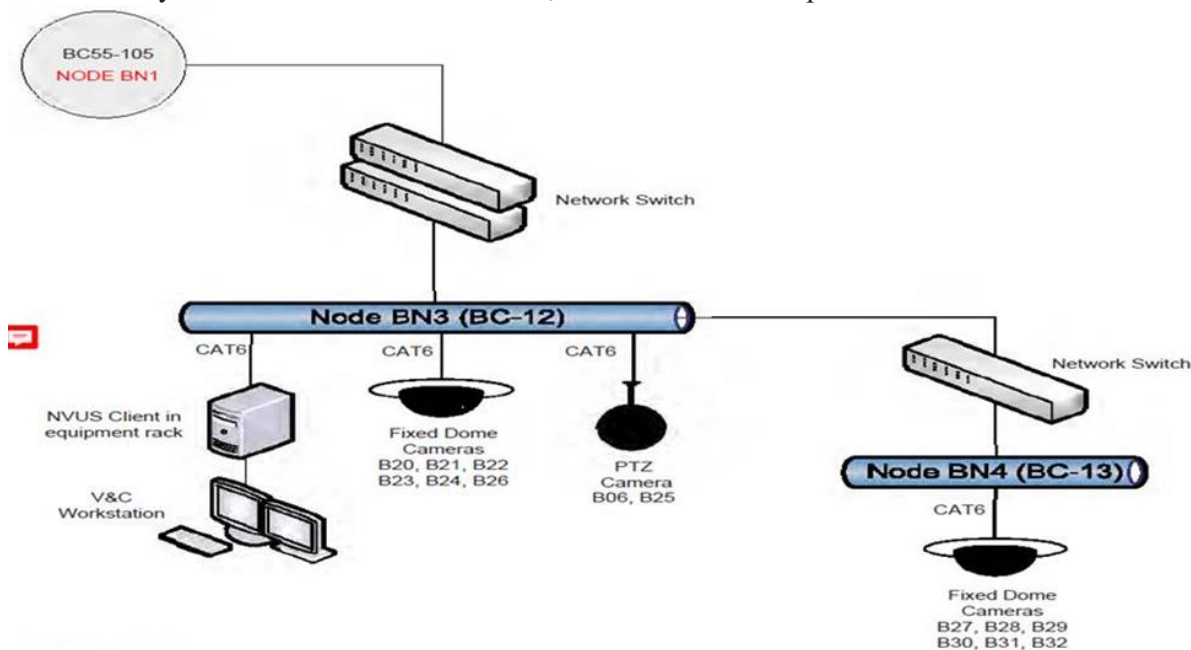
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Question 31:

I just caught this conflict of information. The sketch below shows BC13/BN4 being connected to BC12/BN3 but in the document it says this.....

179. Node BN4 (BC13-108) Health Care/SIS Node BN4 will connect to the Node BN1 via a new 12 strand OM3 fibre. The contractor will provide and install a new 12 strand OM3 fibre optic cable between BC13 and BC55, all strands will be terminated and mounted into a new fibre termination bay.

Please clarify where BC13/BN5 connects to, is it BC12 or BC55 please?



Answer 31:

Node BN4 connects to Node BN3.

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