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British Columbia  
V6Z 0B9  
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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  
Public Works and Government Services Canada -  
Pacific Region  
800 Burrard Street, Room 219  
800, rue Burrard, pièce 219  
Vancouver  
British C  
V6Z 0B9

<b>Title - Sujet</b> Security System Upgrades	
<b>Solicitation No. - N° de l'invitation</b> EZ899-162116/A	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b>	<b>Date</b> 2016-01-28
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWY-026-7721	
<b>File No. - N° de dossier</b> PWY-5-38360 (026)	<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 2016-02-02</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> Liu (PWY), Patty	<b>Buyer Id - Id de l'acheteur</b> pwy026
<b>Telephone No. - N° de téléphone</b> (604) 775-6227 ( )	<b>FAX No. - N° de FAX</b> (604) 775-6633
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> NRCan - Pacific Forestry Centre - Victoria, BC	

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  
EZ899-162116/A  
Client Ref. No. - N° de réf. du client

Amd. No. - N° de la modif.  
002  
File No. - N° du dossier  
PWY-5-38360

Buyer ID - Id de l'acheteur  
pwy026  
CCC No./N° CCC - FMS No./N° VME

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Les documents francais seront disponibles sur demande.

Amendment 002 has been raised to incorporate Addendum 001.

All other terms and conditions remain unchanged.

The following changes in the tender documents are effective immediately. This addendum will form part of the Contract Documents.

The tender documents are amended as noted in this addendum, which consists of four (4) pages.

### Questions and Answers

- Q1:** *Are armoured door loops acceptable for EPTs, or do they need to be mounted in frame?*  
**A1:** **Correct, armoured loops are acceptable. Existing installations utilize this method.**
- Q2:** *Is it acceptable to use a KT-100 in the Annex building?*  
**A2:** **Provide a Kantech KT-300 controller & enclosure.**
- Q3:** *Is it acceptable to tie in to an existing KT-300 in the Annex building?*  
**A3:** **Provide a Kantech KT-300 controller & enclosure.**
- Q4:** *Is it acceptable to tie in to an existing KT-300 in the Annex building?*  
**A4:** **Refer to responses A2 & A3, above.**
- Q5:** *Div. 28 page 9 of 12 Sec 2.8 states that existing cards must be compatible with the new readers and achieve read range of 6 feet / 1.9m - this is only possible if their existing cards are the HID ProxPass. Do you presently have HID ProxPass cards?*  
**A5:** **ProxPass cards will need to be purchased as part of this project and they are required to work on the existing readers, therefore compatibility is imperative.**
- Q6:** *Would Exacq Professional be a suitable VMS?*  
**A6:** **An Enterprise level DVMS with all the system functionality described in the tender documents are required. If the suggested product is compliant, it will be accepted. Also, refer to response A29, below.**
- Q7:** *We are requesting a 1 week extension to the closing date.*  
**A7:** **Refer to formal response distributed under separate cover.**
- Q8:** *Would it be acceptable to trench and install conduit from B wing to Header House and run conduit inside Header House, rather than going all the way from B wing to Annex?*  
**A8:** **Yes this would be an acceptable alternate route, refer to response A32, below.**
- Q9:** *What is an EPT shown on the door details?*  
**A9:** **Electric Power Transfer.**
- Q10:** *For doors with Concrete Filled frames retrofitting transfer hinges is very difficult. Will transfer cords be acceptable for concrete filled door frames?*  
**A10:** **Refer to response A1, above.**
- Q11:** *For environmental considerations, we request that 4 hard copies of O&M manuals be re-considered. We propose a single copy with as many soft copies as required?*  
**A11:** **Contractor to follow the requirements of the tender documents. Upon contract award, through the RFI process this suggestion maybe considered.**
- Q12:** *Div. 01 91 13 1.2 Who is considered qualified to be a "third party commissioning agent"? Since we are to submit three separate names, does Consultant or Customer already have someone in mind?*  
**A12:** **Commissioning is typically a third-party agent, however PWGSC will accept a commissioning agent retained or employed by the installation contractor. The commissioning agent must be qualified on**

**the installed systems but must not have had not any involvement with the design or construction. The Consultant or Owner do not have a specific agency to nominate.**

**Q13:** *There is requirement for Seismic Engineer Report in 26 05 00 1.22. & 1.5.7 – What equipment exactly is to be restrained and inspected?*

**A13:** **Seismic restraint is required for the new security cabinet. Attestation is required for this equipment to the satisfaction of the AHJ.**

**Q14:** *Does customer have a Fire Alarm Company that is to be used in the Fire Alarm Verification noted in Div. 26 05 00 1.23.3.6*

**A14:** **Assume Troy Life Fire & Safety (Contact: Murray Enders)**

**Q15:** *Are the junction boxes shown on Camera Detail 5 E201 to pass Cat6 direct or to contain in-line patches?*

**A15:** **Terminate structured cabling in the last junction box and provide a Category 6 rated patch cord running to the camera.**

**Q16:** *Where is UPS to be installed?*

**A16:** **UPS is to be rack mounted.**

**Q17:** *Div. 27 01 00 1.10.1 States that all BSCS systems shall run on UPS power. Does this include existing BSCS equipment or just BSCS equipment installed as part of this project? Do the Delayed Exit Power supplies need to be on UPS power?*

**A17:** **UPS to support all equipment in the new security cabinet and for the existing, adjacent ACS controllers (located in the same room.) Power supplies for the DE field devices in the main building only, will need to be supported by the UPS, extend wiring to suit.**

**Q18:** *Div. 28 1.10.8 States that security systems to be connected to dedicated power circuits. Are these circuits available or do they need to be installed as part of this project?*

**A18:** **Contractor to provide the additional 120V dedicated circuits as required.**

**Q19:** *Where are power supplies for Delayed Egress Hardware to be located?*

**A19:** **Locate the power supplies in the nearest Terminal Room. Refer to response A17, above.**

**Q20:** *Spec calls for As-Built drawings in CAD. Will PDF Be acceptable? Will base building CAD drawings be provided by owner?*

**A20:** **CAD files will be provided to the Contractor for updates to be made at the completion of the project. PDF files will be included in the O&M manuals.**

**Q21:** *What is operation of the doors with long range readers on one side and existing standard prox readers on the other? There will be problems with the long range readers detecting cards for the other side of the door which will cause issues with area management if mustering is expected.*

**A21:** **Contractor to determine a position for the long-range reader which avoids cross interference but is still suited to capturing RFIDs of personnel evacuating in an event. Re-positioning the existing readers in a manner still suited for its use is also permissible if necessary.**

**Q22:** *Is Access Control to integrate with Intrusion at database level or via I/O? 28 13 00 1.11.7 For this integration we will need to be provided with users / user groups who have access to disarm areas of alarm system and partition information associated (28 13 00 1.11.7)*

**A22:** **The criteria is that users can enter when the Intrusion Alarm System is armed and it will be disarmed upon presentation of a valid badge, rather than triggering an event or requiring keypad disarming. This can be accomplished by either means.**

**Q23:** *Where is the “alternate” mushroom button/ keyswitch to be located, referenced in Div. 28 13 00 1.11.5*

**A23:** **The activation buttons are to be located in the Command Centre & desk mounted in a private Security office (Security Manager).**

- Q24:** *The existing access control software is Kantech Global Edition. Can you confirm that the scope requires that a Kantech Global certified dealer upgrade the software to the latest version of Kantech Global?*
- A24:** **The installing contractor must possess the necessary certifications to install a system required by the manufacturer to be performed by certified installers. This is both a quality assurance and warranty issue and no exceptions will be permitted.**
- Q25:** *Request in writing a verification report less than 6 weeks old to show that the Intrusion System and Access Control System are completely operational. We are required to upgrade and integrate to them and need a “starting point”.*
- A25:** **Final decision pending. Contractor to assume that the Owner will provide the requested statement within five (5) working days after contract award.**
- Q26:** *Where there are existing maglocks, can we assume Fire Alarm Integration is already correctly implemented and tested?*
- A26:** **Correct. However, security integration checks and procedures must be performed on any door worked on by the contractor. Prior to start of the work the contractor shall verify the existing conditions and report any discrepancies or functionality issues.**
- Q27:** *Do PTZ cameras require “window blanking” programmed by integrator?*
- A27:** **The contractor is responsible for initial programming of the systems to the satisfaction of the Owner. This would include video camera window blanking, preset positions, etc.**
- Q28:** *Div. 28 23 00 Subsection 2.2.9.3 Calls for Fail-Safe Backup and goes on to say “ Hard drive redundancy using RAID 5 configuration and multiple servers shall be used”. Are you requesting a failover server?*
- A28:** **Provide storage redundancy via RAID 5 (one hard drive failure tolerance per array) is sufficient.**
- Q29:** *Standard of Acceptance for DVMS includes American Dynamics Victor. Victor is a unified client software for all of American Dynamics Video platforms which includes Exacq Vision. Is Exacq Vision an acceptable DVMS platform?*
- A29:** **The determining criteria for the video management system are that: a) the video system meets the video performance requirements; and b) that the video system is able to closely integrate with the access control system as described. If Exacq Vision meets both of these criteria then the appropriate model(s) of that product line may be provided. Also, refer to response A6, above.**
- Q30:** *Div. 28 13 00 Subsection 2.3.1.2 calls for a keyboard/mouse/ and 19” LED pull out shelf monitor. Div. 28 23 00 Subsection 2.12.9 calls for a 17” LCD display with keyboard and mouse and KVM switch. Drawing E200 calls for a laptop on pullout rack shelf. Which of the three is desired?*
- A30:** **Provide a 19” rack mounted LED pullout keyboard/ monitor with a KVM & detachable mouse.**
- Q31:** *Upon review of the reception area there does not appear to be much room to accommodate the two 42” monitors & two 24” monitors that are called for on E200. Could you please provide detail on how you envision these monitors being mounted and the workspace being laid out?*
- A31:** **The two large monitors are to be mounted on the bulkhead above with articulating VESA wall mount supports (ERGOTRON Standard of Acceptance). Also, provide articulating VESA wall mount supports for the smaller monitors located on workstation desk top.**
- Q32:** *Digging up the road to install new conduit to Annex and Header House seems like a large cost for just 1 card reader. Is there a reason why we can’t just use the existing communication loop that the existing KT300 in Header House is using?*
- A32:** **Refer to response A4, above. Provide a permanent pathway as required for future expansion and use by the security system(s). Upon contract award, through the RFI process this suggestion maybe considered. Note: If the existing RS-485 communication loop was to be utilized for new field devices, the contractor would be responsible for testing the existing cable and ensuring that the cabling was intact, was in good condition, and was suitable for the use in the scope of this upgrade. It will be the responsibility of the installing contractor to ensure that the cabling will not be a source of**

**performance problems during the warranty period. If any of these conditions are not met, new cabling would be required.**

End of Addendum 1