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**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  
11 Laurier St./11, rue Laurier  
7B3, Place du Portage, Phase III  
Gatineau, Québec K1A 0S5

<b>Title - Sujet</b> Key Watcher System	
<b>Solicitation No. - N° de l'invitation</b> 21120-181763/A	<b>Amendment No. - N° modif.</b> 007
<b>Client Reference No. - N° de référence du client</b> 21120-18-2621763	<b>Date</b> 2017-11-02
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$HN-445-73156	
<b>File No. - N° de dossier</b> hn445.21120-181763	<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 2017-11-09</b>	
<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Standard Time 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> Ladouceur, Joanne M.	<b>Buyer Id - Id de l'acheteur</b> hn445
<b>Telephone No. - N° de téléphone</b> (819) 420-0340 ( )	<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>

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Client Ref. No. - N° de réf. du client  
21120-181763

Amd. No. - N° de la modif.  
007  
File No. - N° du dossier  
HN445.21120-181763

Buyer ID - Id de l'acheteur  
HN445  
CCC No./N° CCC - FMS No./N° VME

This amendment 007 is raised to provide correction to the minutes of the meeting of September 21, 2017 and to provide responses to questions from suppliers.

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**DELETE: Minutes of Mandatory Site Visit (in it's entirety)**  
**Thursday, September 21, 2017 @ 1:00 pm.**

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**INSERT: Minutes of Mandatory Site Visit**  
**Thursday, September 21, 2017 @ 1:00 pm.**

Annexe 1-C – Clarifications were made. Five (5) cabinets are to be provided, 3 are required to be installed (2 Large door & 1 Standard).

- All Questions are to be submitted in writing to PSPC Contracting Authority
- A Reminder of the Close date – October 12, 2017
- RFID is to be installed at the main entrance. It cannot be installed near the metal detector.
- Bidders to submit question in writing for point 5 & 6 of the Annexe 1-c. It requires clarification.
- It is possible that the spare server will not be required. CSC **will** remove it.
- Item 11 of Annexe 1-c needs clarification on how it will be “attached/sealed”. The shoplifting tag must have a hole to accept the tamper proof ring.
- All communications with the Institution must be in French
- In the administration building we identified where the 3 cabinets were to be installed. In the hallway, on the wall in front of room D20-110.
- Server room is below in the basement
- Contractor is required to come up with the plan for how the cabinets will be installed and wired. A detailed design from prepared by an Engineer is not required.
- Found a conduit path in room D20-140 (behind the wall where the cabinets are to be installed). TA to verify. The conduit path is acceptable because it leads to the basement.
- The cabinets are an estimated 12 week delivery
- Visited Room D20-003 – Trying to see how IT fibre is being fed to the ground floor. – Looked for a conduit path. Looked for rackspace.
- Visited the main entrance and saw the existing 2 cabinets.
- TA identified where the RFID sensor will be installed.
- Visited room M17-110 – No electrical panel in that room. Power for RFID will come from the front entrance room, where the pop machine is plugged in.

**Questions:**

1. Card swipe or key pad for entry into cabinets? **Key pad but card reader need to be installed.**
2. Do the design plans need to be legally approved by an engineer? **No.**
3. Who is removing the glass cabinets on the wall, where are the cabinets to go? **CSC.**
4. Circuit Breaker – how do you want the cabinets and UPS attached? 4 breakers – 1 for each cabinet and UPS? **No.** All on same breaker? **Yes.**
5. How thick is the floor? **10 inches.** Is there a standard for how to make the hold in the wall, can the conduit be visible? **Conduit can be visible in the rest room.** What is the wall made of? **Plasterboard and metal frame.**
6. Is the Alarm regional? **No.** Does it need to be audible and recorded at the workstation? **No.**
7. Does each cabinet need a UPS? **1 UPS for 3 cabinets is acceptable. The UPS needs to support 1 hour of run time to allow the generator to kick in.**

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**NOTE: The above-noted questions will be responded to in amendment 007.**

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**INSERT:** Attached Addendum for Questions and Responses.

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All other terms and conditions remain unchanged.

# ADDENDUM

## PWGSC File # 21120-181763/A *Replacement of Key Management System for La Macaza Institution*

During bidders' visits to La Macaza Institution, observations were made about various elements which raised some questions. Clarification would be useful here in order to standardize the information provided to bidders and eliminate any possible ambiguity.

1.	Q1. We are not official distributors of Sentech products. What are our alternatives? Are we authorized to bid only for the supply, install and training part related to Key System and Best Cormax key cabinets part?	<b>A1.</b> As mentioned in the Statement of technical requirements, the RFID detection products could be from Sentech or equivalent products from another manufacturer.
2.	Q2. Please specify by addendum that the key cabinets will all be installed on the same wall (two standard models and one extended door model)	<b>A2.</b> Three (3) key cabinets must be installed on the wall located to the left of the elevator and facing rooms 110 and 111 in building D20. One (1) cabinet with a standard door and two (2) cabinets with extended doors.
3.	Q3. Please specify by addendum that a plywood will be installed by CSC or the successful bidder on the said wall. If the plywood must be supplied by the successful bidder, please specify the colour code because we will have the responsibility to paint that equipment.	<b>A3.</b> Plywood must be installed by the contractor (successful bidder) on the wall where the three (3) key cabinets will be installed. The plywood must be painted using Denalt # 61428-2 colour.
4.	Q4. Please specify by addendum the electrical room in the basement from which the key cabinets must be powered.  Please specify by addendum that only one UPS will be accepted for providing emergency power to the three key cabinets in accordance with the statement requirements.  Please specify by addendum that only one electrical circuit will be dedicated for powering the three key cabinets.  Please specify by addendum who will supply this electrical circuit.	<b>A4.</b> Electrical room: D20-004. Electrical panel: E.  One (1) single UPS is required for the three (3) key cabinets.  One (1) single electrical circuit is required for the three (3) key cabinets. The contractor must ensure the installation meets the Canadian Electrical Code requirements.  The electrical circuit must be supplied and installed by the contractor.
5.	Q5. Please specify by addendum the network room in the basement where we need to connect the three key cabinets.  Please specify by addendum on which ethernet switch we need to connect each key cabinet.  Please specify by addendum that ports are available.	<b>A5.</b> The network room located in the basement is room number D20-003.  Network cables for the three (3) key cabinets must be connected to the Works group ethernet switch. The switch is located at the bottom of the second cabinet.  Ports are available. (See attached picture)
6.	Q6. Please specify by addendum that surface mount conduits are acceptable on the rest room side to further go to the basement.  Please specify by addendum that conduits do not require any paint.	<b>A6.</b> In the rest room, surface mounted conduits leading to the basement are accepted.  Surface mounted conduits installed in the rest room do not require to be painted.

7.	Q7. Please specify by addendum that all information technology equipments, including their network link will be provided and installed by CSC.	<b>A7.</b> A 24-port CAT6 patch panel must be supplied and installed by the contractor in the cabinet just beside the ethernet switch cabinet located in the server room in the basement. CAT6 cables coming from the 3 key cabinets must be terminated in the patch panel. The contractor must supply and install 2 CAT6 cables between the patch panel and the internet switch. The ethernet switch, the management key system server and their communication link is provided by CSC.
8.	Q8. Please specify by addendum that the project requires a detail design request.	<b>A8.</b> A request for detailed design is not required.
9.	Q9 Please specify by addendum the required reader's type.	<b>A9.</b> The HID Corporate 100 card reader must be HID Prox Point Plus type or equivalent.
10.	Q10. Please specify by addendum that the shop-lifting detector connection will be on the same power outlet as the vending machine located at the principle entrance.	<b>A10.</b> The shop lifting detector power cord must be connected to the same power outlet as the distributing machine located at the principle entrance.
11.	Q11. It is our understanding that out of the 5 required key cabinets, only 3 must be installed at the institution.	<b>A11.</b> From the five (5) required key cabinets, three (3) must be installed and two (2) must be delivered to the Institution in their original packaging material.
12.	Q12. The call for tender specifies the supply of a computer and a monitor dedicated to the key management system (item C1.5). We received confirmation at location that such items were not required because they currently exist and are used for that purpose.  Same principle for the KVM extender and the existing KVM selector (item C1.6).	<b>A12.</b> All items from section C.1.5 of the Statement of Technical Requirements are not required.  All items from section C.1.6 of the Statement of Technical Requirements are not required.
13.	Q13. Is there an available breaker in the power cabinet in the basement (electrical room) to power the cabinets?  If not, what is the electrical panel manufacturer name and the model number?	<b>A13.</b> There is no available breaker.  The electrical panel model number is NBLP25B-4LI from Federal Pioneer Company.
14.	Q14. Is there room on the hub in the cabinet located in the server's room in the basement?	<b>A14.</b> Refer to A5.
15.	Q15. Is it acceptable to install the three cabinets against each other?	<b>A15.</b> Yes.
16.	Q16. Must the cabinets be installed on plywood or plywoods?	<b>A16.</b> Yes.
17.	Q17. Must the plywoods be painted? If so, colour and paint type if required.	<b>A17.</b> Yes, the contractor must paint the plywood using Denalt # 61428-2 colour.
18.	Q18. <u>Relative to entrance detector</u> : It has been determined that electrical power will be provided from the vending machine outlet near the principle entrance. Is a surface junction box acceptable?	<b>A18.</b> The shoplifting detector at the principle entrance must be powered at the same standard 120 volts AC electrical outlet powering the vending machine.
19.	Q19. <u>Relative to entrance detector</u> : Is there a breaker available in the electrical power cabinet in the basement to power the detector or will we use the same as the vending machine? If not, same question as for the key management cabinets power.	<b>A19.</b> No, refer to answer A18.
20.	Q20. <u>Relative to entrance detector</u> : Is surface mount cabling with molding is acceptable?	<b>A20.</b> Surface cabling inside rigid conduit is acceptable.
21.	Q21. <u>Relative to entrance detector</u> : Must the detector be connected to the network?	<b>A21.</b> No.
22.	Q22. <u>Relative to entrance detector</u> : Is it required to cut the concrete slab between the two	<b>A22.</b> Cabling between the two pedestals must be passing inside rigid conduits surface mounted on the adjacent wall.

detection pedestals to create a channel for cable passing? Take note this installation will generate noise and dust.	
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Ethernet Switch

Additional information:

Following are changes or clarifications to the Statement of Technical Requirements dated May 2017.

1. At section 3.3.7 remove the following sentence: "This event must be logged by the key management software."
2. Annex C.1.1: Three (3) key cabinets must be delivered but only one (1) must be installed.
3. Annex C.1.5: remove that section.
4. Annex C.1.6: remove that section.
5. Annex C.1.8: replace the section by one single uninterruptible power supply (UPS) must power the three key cabinets with a minimum uptime of one hour.
6. Annex C.1.11: the shoplifting RFID tags must have a hole which allows fitting in the tamper proof key rings.
7. Annex C.1.12: modify the quantity to one (1).
8. In building D20, the concrete floor between the first floor and the basement is ten (10) inches thick.

**END OF ADDENDUM**