



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

Travaux publics et Services gouvernementaux  
Canada

Place Bonaventure, portail Sud-Est

800, rue de La Gauchetière Ouest

7<sup>ème</sup> étage

Montréal

Québec

H5A 1L6

FAX pour soumissions: (514) 496-3822

**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**

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Montréal

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<b>Title - Sujet</b> Système de sécurité	
<b>Solicitation No. - N° de l'invitation</b> 9F030-160143/A	<b>Amendment No. - N° modif.</b> 003
<b>Client Reference No. - N° de référence du client</b> 9F030-16-0143	<b>Date</b> 2016-12-01
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$MTA-739-14095	
<b>File No. - N° de dossier</b> MTA-6-39084 (739)	<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 2016-12-19</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> Carpentier, Patricia	<b>Buyer Id - Id de l'acheteur</b> mta739
<b>Telephone No. - N° de téléphone</b> (514) 496-3505 ( )	<b>FAX No. - N° de FAX</b> (514) 496-3822
<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> <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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## **AMENDMENT 003**

Please take note that the closing date for the present request for proposal has been changed to **December 19, 2016 EST.**

1) See questions and answers associated below:

### **QUESTION 1 :**

ANNEX A Section 2.1

Please confirm that the required IP communication network sockets in each equipment room, workstation, etc. will be provided by the client?

### **ANSWER 1 :**

A network link is already present in each equipment room and must be reused. If the contractor needs more network plugs, they must provide them.

### **QUESTION 2 :**

ANNEX A Section 2.8

Cabling for Card Readers. Can you tell us what type of cable is currently used for card readers?

### **ANSWER 2 :**

Several types of wiring are currently used. It is not uniform. There can be 6x22, 6x18, 8x18, JKT, cat 5...

### **QUESTION 3 :**

ANNEX A Section 2.10

Compatibility with Existing Cameras. Can you tell us the exact model of the four existing mobile cameras?

### **ANSWER 3:**

The 4 mobile cameras are not IP. They go through encoders. We have Pelco Spectra and GE Legend.

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**QUESTION 4 :**

ANNEX A Section 2.12

For each of the cameras identified in the table in section 2.12, can you tell us which equipment room they are connected to?

**ANSWER 4:**

The cameras 3, 6, 9, 10, 16, 17, 19, 22, 23, 24, 25, 26, 27, 28, 29, 30, 33, 37, 38, 40, 45, 47, 54, 55, 57, 58, 70 and 71 are connected to room 2S-102. The other cameras are connected to room 1E-104.B. Cameras 68, 85, 86, 87 and 88 are IP cameras connected to network switches.

**QUESTION 5 :**

ANNEX A Section 22

In order to evaluate the equipment required to receive the equipment listed in the table in this section, we need to know the inventory of points per technical room. For example, in room 1E-104.B, how many controllers are there, which points are connected to each of these controllers, and so on? Possibly a configuration report from your existing system could provide the required information.

**ANSWER 5 :**

Please refer to the **"Input/Output report"** sent by email to eligible bidders (those who attended the mandatory site visit).

**QUESTION 6 :**

ANNEX A Section 22

Can you tell us what type of cable is currently used for inputs, outputs, intercoms, etc.? Do you have as built plans of the system in place?

**ANSWER 6 :**

Please refer to the **"list of cables drawn"** sent by email to eligible bidders (those who attended the mandatory site visit). This list dates from the construction of the building. Several changes have been made over the years and therefore several different types of cabling are being used today. It is not uniform. Several entry / exit points are wired with cat 5 but there are also JKT, 2X22 ... As built plans do not mention the type of wiring in place. They may be provided to the successful bidder as required.

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**QUESTION 7 :**

Does each equipment room have spare fiber optic cable (2 strands per room) to connect back to the equipment room (1E-104.B)? If yes, can the contractor assume that this fiber is in good working condition?

**ANSWER 7 :**

We have an optical fiber that connects 1E-104.B to 2S-102, but to our knowledge, there is no surplus strand. Another fiber connects the 2S-102 to the ESF. Again, there is probably no surplus strand.

**QUESTION 8 :**

Are all of the network switches to be replaced as part of this project?

**ANSWER 8 :**

No

**QUESTION 9 :**

ANNEX A, Table 2 - CCTV Cameras

For the CCTV System, can you confirm that all 74 existing cameras are presently connected to the current Video Management System (VMS)?

**ANSWER 9:**

Yes, all 74 existing cameras are presently connected to the current Video Management System (VMS)

**QUESTION 10 :**

ANNEX A, Section 15

During the site visit it was noticed that the existing cables are not all labelled, to ensure that shop drawings risers are correct. Can the Shop Drawing submittal be extended to 30 days from 15?

**ANSWER 10 :**

Yes, the deadline can be extended to 30 days, but the contractor is not responsible for wiring plans.

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**QUESTION 11 :**

Does all the existing controller (Altronix) power supplies need to be replaced, if yes can you please confirm that all the electrical connections are to be done by qualified electrician and that an electrical permit is required?

**ANSWER 11 :**

No. However, if an existing power supply box is not adequate, the contractor will have to provide a new power box and notify the customer in advance so that the customer installs it.

**QUESTION 12 :**

ANNEX A, Section 12

It is noted that all equipment is to be new in the box when arriving on site, is it acceptable to allow the contractor to set up all hardware off site to ensure proper QA, firmware updates and configuration to eliminate additional downtime onsite.

**ANSWER 12 :**

No. The objective of this condition is to ensure that the installed equipment is new, not second hand, refurbished or otherwise altered without authorization. Configuration work must be done on site.

**QUESTION 13 :**

ANNEX A, Section 2.15

Is the intercom system to be replaced, I do not see this in the RFP, but heard some talk onsite regarding the replacement of the intercom system?

**ANSWER 13 :**

Yes. See Annex A, Section 2.15

**QUESTION 14 :**

Can you please confirm that the following needs to be replaced with new:

- a. CCTV Storage Servers (30 Days Storage)
  - i. Is Failover Required?
- b. CCTV Workstations

**ANSWER 14 :**

- a. Yes
  - i. Yes
- b. Yes. The CCTV workstations are integrated into the workstations of the access control system. It is specified in section 2.6 of Annex A that 3 workstations are to be replaced.

**QUESTION 15 :**

Can two card reader controllers be used instead of 4 to eliminate the single point of failure aspect, providing the contractor uses the existing space and does not require more?

**ANSWER 15 :**

Yes. The installation of the components in question must not require more space than that available in existing installations.

**QUESTION 16 :**

Can the existing Card Database be exported to a CSV file to allow the card database be imported to the new system?

**ANSWER 16 :**

We do not know if the existing card database can be exported to a CSV file. We have never done that. This information might be available from:

RBH Access Technologies Inc,  
2 Automatic Road  
Suite 108  
Brampton, On, L6S 6K8  
[support@rbh-access.com](mailto:support@rbh-access.com)

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**QUESTION 17 :**

For option #2 – Can the contractor propose putting in a new network switch in at the GUERITE? Is the conduit from the GUERITE to the Main Building in usable condition?

**ANSWER 17 :**

Yes, network switches can be installed at the gatehouse. The existing conduit between the gatehouse and the Agency is not usable but will be replaced as part of the project to construct a perimeter fence and a new gatehouse at the entrance. An optical fiber will be installed in this conduit.

**QUESTION 18 :**

To adhere to the Boon Edam, can the contractor COMPLY to this if they bring Boon Edam Service Tech in to the site to ensure proper functionality during the card reader replacement?

**ANSWER 18 :**

No, because the contractor must subsequently be able to do the repair and maintenance of the Twinglock gates.

**QUESTION 19 :**

Throughout the site audit, can the contractor bring in a drafter to perform riser drawing onsite? If yes, is there a spot the drafter could set up within the building, preferably near 1E-104.B?

**ANSWER 19 :**

Yes.

However, as space is limited, we can not ensure that an office will be available.

**QUESTION 20 :**

It is assumed that all cameras, intrusion alarms, intercoms and other devices are already labeled with a unique ID, can the winning contractor obtain this information to ensure that the numbering scheme remains?

**ANSWER 20 :**

The security devices are not identified with a unique identifier. However, in the current database, the contractor will be able to see how the devices are identified (usually by the room number to which it is associated).

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**QUESTION 21 :**

Are Auto-CAD files available for the winning contractor to perform the Graphical User Interface (GUI) design/display?

**ANSWER 21 :**

Yes

**QUESTION 22 :**

Can you confirm that TIA/EIA standards apply for network cable installation?

**ANSWER 22 :**

TIA/EIA 568, 569 and 606 standards apply to network cable installation.

**QUESTION 23 :**

Can you please provide a Legend for each device shown on the provided drawings, to eliminate any assumptions?

**ANSWER 23 :**

The legend is on the 1st page of the plans distributed at the mandatory site visit.

**QUESTION 24 :**

ANNEX A, Section 2.10

"The CCTV system must be capable of online storage of CCTV footage for a minimum of 30 days with the capability of archiving footage, records and data to off-line storage media for long-term storage."

- a. Do we have to provide the offline storage device?
- b. If yes, what should be the storage capacity of this offline device?
- c. How many frames per second do we need to record video?
- d. What image resolution would you like to register?

**ANSWER 24 :**

- a. No, but we need to be able to save the data on an offline device (USB stick, CD or other).
- b. N/A
- c. up to 15 ips
- d. 720/480

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**QUESTION 25 :**

Video system  
Are you currently using a video matrix? If so, do you keep it up?

**ANSWER 25 :**

No

**QUESTION 26 :**

Video system  
What are the make and model of the mobile cameras?

**ANSWER 26 :**

The 4 mobile cameras are not IP. They go through encoders. We have Pelco Spectra and GE Legend.

**QUESTION 27 :**

Video system  
How many server / video recorders do you have in place right now? (Avigilon)

**ANSWER 27 :**

We currently have 2 Avigilon servers / recorders and these must be replaced with new equipment.

**QUESTION 28 :**

Video system  
Are Avigilon licenses still available? (Yes, No)

**ANSWER 28 :**

We do not know if the Avigilon licenses are transferable or are still available.

**QUESTION 29 :**

Video system  
The monitoring room monitors have a VGA and analog input, do you still want to keep them?

**ANSWER 29 :**

Yes

**QUESTION 30 :**

Video system

For the server / video recorder, what is the desired level of robustness? Raid x, Power supply redundancy, etc.

**ANSWER 30 :**

The server / video recorder must be at least Raid 0 or 1 and have power supply redundancy.

**QUESTION 31 :**

ANNEX A, Section 23.1 Additional Camera

For the ducts required at this camera, are the ducts supplied and installed by the customer's electrical contractor and coordinated by the customer or we must supply and install the ducts?

**ANSWER 31 :**

Ducts and wiring will be provided and installed by the customer.

**QUESTION 32 :**

Access Control

Table 1, starting on page 19, showing the distribution of the components associated with the doors, the cabinet number and the room where the cabinet is installed are not shown.

- a. Is this information available?
- b. What is the size of the access control assembly cabinets? Are they all identical?

**ANSWER 32 :**

a. Yes, in part. Please refer to the "**access point report**" sent by e-mail to eligible bidders (those who attended the mandatory site visit).. The "C1", "C2" etc. next to the room number indicates the number of the cabinets but this information is not available for all components.

b. No, the cabinets are not all identical. We have various sizes: 28"x48"x6 ", 28"x72"x6 ", 28"x60"x6 ", 12 1 / 2"x19"x3 1/4 ", 13 1 / 2"x10 1 / 4"x3 1/4 ", 28"x34"x6 ".

**QUESTION 33 :**

ANNEX A, Section 1.1 You mention: "To avoid problems related to system compatibility, the ISS must be based on a unique platform for the following components: Access control, CCTV system and Intrusion alarm." Are we to understand that you want to have only one software from one manufacturer with the access control pane and the camera pane within the same software? Therefore, the integration between 2 different softwares (access control and cameras) will not be accepted?

**ANSWER 33 :**

Yes, that is correct.

**QUESTION 34 :**

Annex A, Section 2.15

You state: "Intercoms must be equipped with a CCTV camera for simultaneous viewing of calling stations". Do you want an intercom system with built-in camera or you already have cameras viewing these intercoms so a contact interface to the CCTV system will suffice?

**ANSWER 34 :**

The camera must be built in to the new intercom.

**QUESTION 35 :**

Annex A, Section 20.2.8

You mention: "Data archiving must continue with a power outage. Camera control must continue during a power outage." Do we need to provide emergency power supplies only for servers / station / client / monitor / network or for all camera power supplies in the building? If this is the case, please specify the amount of power supplies.

**ANSWER 35 :**

The emergency power system is already in place. The new components will need to connect to this network, as is currently the case.

**QUESTION 36 :**

ANNEX A, Section 2.10

with respect to the storage for the CCTV cameras, how far back do you want to see recordings? (1 day, 1 week, 1 month etc....)

**ANSWER 36 :**

See Annex A, Section 2.10: 30 days.

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**QUESTION 37 :**

ANNEX A, section 23.1

For the exterior camera it was not specified if this camera should work in temperatures as low as -40 degrees Celsius. Should we assume that is what is required?

**ANSWER 37 :**

As it is an exterior camera, it needs to work in the most extreme weather conditions known in the St-Hubert Quebec area. This includes but is not limited to exposure to extreme cold, heat, sun, wind, and precipitation.

**Another amendment will be posted shortly.**

*All other terms and conditions remain unchanged.*