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TPSGC
11 Laurier St. / 11, rue Laurier
Place du Portage, Phase III
Core 0A1 / Noyau 0A1
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
6B1, Place du Portage, Phase III
Gatineau, Québec K1A 0S5

Title - Sujet CCTV UPGRADE- Emerson MB	
Solicitation No. - N° de l'invitation 47733-122675/A	Amendment No. - N° modif. 005
Client Reference No. - N° de référence du client 47733-122675	Date 2012-08-17
GETS Reference No. - N° de référence de SEAG PW-\$\$HN-334-60591	
File No. - N° de dossier hn334.47733-122675	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2012-09-14	Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: McLaughlin, Michael	Buyer Id - Id de l'acheteur hn334
Telephone No. - N° de téléphone (819) 956-3622 ()	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

This amendment is raised to address the following:

- 1) To incorporate changes made to Annex "A" 'Statement of Work'.
- 2) To incorporate changes made to Part 4, Sec. 1.1 Mandatory Technical Statement of Requirements.
- 3) To include the 'No-substitutue clause' within Part 2 of the solicitation document.
- 4) To answer questions raised by potential bidders.
- 5) To extend the closing date.

-
- 1) At Page 36 of the Solicitation, Annex "A" statement of Work.

DELETE: In its entirety

INSERT: **Annex "A" - Statement of Work**

1. Title

Closed Circuit Television Cameras in Emerson, MB – Port of Entry Requirement

2. Objective

The Canada Border Services Agency (CBSA) requires the installation of closed circuit television cameras at the Emerson, MB – Port of Entry in areas that lack existing coverage. The installation of new cameras must include the replacement of five existing analog cameras in the immigration area that are not tied into the existing video management system. The Contractor must remove the five existing immigration cameras. Cameras must be installed and adjusted to capture areas indicated by the project authority. The contractor must confirm in writing the ability of the camera to work with Indigo Vision Control Center 4 revision 5 Video Management Software. The cameras must comply with the technical specifications listed herein.

At the end of the Project, all cameras must be in production utilizing optimal camera positioning, performance and integration as required by the project authority.

3. Scope of Work

The contractor must perform the following duties:

- Provide and install cameras in compliance with each specific manufacturer's installation guidelines;
- Provide all parts, components, or accessories as required.
- Remove the cameras and hardware associated with the existing 5 analog cameras in the immigration area.
- Provide all knowledge, labour, materials, scissor lifts, tools, equipment and services to install.
- Ensure all systems are completely operational.
- Ensure cameras meet or exceed all criteria and specifications as required by the project authority.
- Supply and install a minimum of 17 cameras in the work areas as indicated in the Component/Hardware Distribution Diagram (Annex D) and written list (Annex E).
- Replace five cameras where existing analog cameras not part of the current video management system are located. Including, but not limited to the removal/disposal of the existing analog system (2 CRT monitors, switch box, and five cameras)
- Ensure all camera specifications meet or exceed the requirements listed on Tables 1-5 in Part 4, Sec 1.1 Mandatory Technical Statement of Requirements .
- Ensure cameras located in detention cells are housed in heavy duty, vandal resistant and tamper proof enclosures, mounted flush to walls and ceilings. Enclosures must not provide a hanging point. Camera locations in detention cells will be coordinated with CBSA Regional Security.
- Equip the following locations with a wall mounted 24" widescreen flat panel computer monitor with hardware that allows the monitor to tilt and swivel:
 - Immigration office area in the traffic building
- Equip the following locations with a PC, 24" monitor, controller/joystick (to operate PTZ cameras), mouse, keyboard and an uninterruptible power supply (UPS). Contractor must ensure this system provides a minimum of 60 minutes of power and surge protection.
 - Chief's Office (Immigration Area) – traffic building
- PC must meet or exceed the following specifications:
 - Xeon ® CPU (Dual Quad Core with hyperthreading enabled, giving 16 cores, 6GB RAM
 - ATI Radeon HD5700, XFX HD 5770 1GB
 - Single Slot Cooler Edition 850MHz
 - Dual DVI
 - DisplayPort PCI-E Graphics Card, x 2 graphics cards driving 4 monitors
 - Windows 7, 64 bit Professional
- Ensure all cabling meets or exceeds the specifications outlined in Annex F.

-
- Supply and install Gigabit speed switches with UPS accompaniment that provides a minimum of sixty minutes of power backup and surge protection in the following locations:
 - One in the IT/LAN room in the Traffic Building
 - One in the IT Closet in the Commercial Room
 - Conceal all connections and cables and use only tamperproof hardware on the exterior of the building(s)
 - Perform compliance verification tests along with the project authority, prior to final delivery and acceptance of the system.
 - Supply, install, certify and provide knowledge, cabling, conduit and electrical power provisions.
 - Supply and install burial grade cabling where there are not conduit paths available between camera and control equipment locations.
 - Work with CBSA staff, representatives and third party contractors to ensure proper operation and functionality of all hardware and software related to this requirement.
 - Act as liaison with CBSA staff and third party contracted software installers.

4. Reports and Deliverables

The contractor must provide the following:

- All required video management equipment, low voltage power supplies, required 120V sources and system components and devices specified such as but not limited to:
 - a. Video cameras
 - b. Analog to digital transmitter converters
 - c. Lenses
 - d. Enclosures and mounts
 - e. Video monitor
 - f. Network switching equipment
 - g. Viewing and management workstation (including controller/keyboard/mouse)
 - h. Power cabling and power supplies
 - i. A written warranty statement detailing each manufacturer's hardware warranties and must cover all system components. The written warranty is to describe, in detail, the warranty policy for each equipment manufacturer.
 - j. A report detailing each installed component's serial number, manufacturer name (including complete model number) and IP address (where applicable).

5. Acceptance Criteria

All reports, deliverable items, documents, goods and all services rendered under the Contract are subject to inspection by the Project Authority. Should any report, document, good or service not be in accordance with the requirements of the Statement of Work and to the satisfaction of the Project Authority, as submitted, the Project Authority will have the right to reject it or require its correction at the sole expense of the Contractor before the Project Authority will recommend payment.

6. Personal Information

The Contractor must protect the privacy and confidentiality of any personal and confidential information to which the Contractor obtains access pursuant to this contract. To do so, at a minimum, the Contractor must ensure that no one other than the Contractor has access to the information; that appropriate safeguards are used to prevent any unauthorized access to the personal and confidential information obtained pursuant to this contract; that information that is stored electronically requires a password (or a similar access control mechanism, such as biometric access) to access the system or database in which the information is stored; that no subsequent disclosure of the information will be made in a form that could reasonably be expected to identify the individual to whom it relates; and must implement any reasonable security or protection measures requested by the CBSA from time to time. The Contractor must notify the Contracting Authority immediately of any security breaches; for example, any time an unauthorized individual accesses any personal or confidential information. The Contractor must keep all personal and confidential information obtained pursuant to this contract separate from the Contractor's own information and records.

7. Security Requirement

The Contractor shall, at all times during the performance of the Contract, hold a valid Security Clearance issued by the Canada Border Services Agency (CBSA) at the level of RELIABILITY.

Contractor personnel who are required to work on the Contract must EACH hold a valid RELIABILITY screening granted by CBSA.

2) At Part 4, Sec. 1.1 Mandatory Technical Statement of Requirements; Sub-section 1.1; **Table 1: General Camera Requirements for ALL Cameras.**

DELETE: In Its Entirety

INSERT: Mandatory Technical Statement of Requirements

Table 1: General Requirements All Cameras

Criteria		Compliant / Non-compliant	Bid location
1. Video - Camera must support the following video settings:(a) Multiple compression formats, not limited to, but supporting H.264 at minimum required resolution.			
2. Power - Camera must be Power over Ethernet compatible. Camera may have additional power sources (i.e. High POE) for cooling or heating units.			
3. Exposure Settings - Must be configurable for different lighting conditions such as shutter speed, and exposure.			
4. Environment Enclosure			
(a) All cameras must be contained in a housing and securely mounted			
(b) All outdoor cameras and must be housed in outdoor enclosures to permit operation in outdoor environments.			
(c) All cameras must contained in a housing and securely mounted			
(d) All outdoor cameras and enclosures must have an operating range of minus 40 degrees Celsius to plus 50 degrees Celsius			
(e) All outdoor cameras and enclosures must be resistance to humidity changes and ice.			

Table 2: Requirements for Fixed Indoor Camera			
		Compliant / Non-compliant	Bid location
<p>1. Camera must be compatible for use with IndigoVision Control Center 4 revision 5. Cameras must either be IP IndigoVision cameras or must be supported by Control Center through its ONVIF capability. It is the responsibility of the bidder to ensure that the cameras can be connected and viewable through this system. The bidder is not responsible for purchasing any licenses required for recording the ONVIF devices and the bidder is not responsible for upgrading the IndigoVision software at the site.</p>			
Alternative 1: IndigoVision Camera			
<p>1. Camera - Camera must be an IndigoVision 11000 HD fixed dome with a standard lens capable of at least an 80 degree horizontal field of view.</p>			
Alternative 2: ONVIF Camera			
<p>1. Resolution - Camera must have at least 1 MP image resolution.</p>			
<p>2. Lens/Focus/Zoom - The lens used must provide at least an 80 degree horizontal field of view. It is preferred to support auto focus or auto back focus.</p>			
<p>3. Frames Per Second (FPS) - Camera must support at least 12 frames per second at the minimum resolution specified above.</p>			
<p>Example ONVIF cameras meeting specifications include Axis P3344 or equivalent.</p>			

Table 3: Requirements for Fixed Outdoor Cameras			Compliant / Non-compliant	Bid location
<p>1. Camera must be compatible for use with IndigoVision Control Center 4 revision</p> <p>2. Cameras must either be IP IndigoVision cameras or must be supported by Control Center through ONVIF. It is the responsibility of the bidder to ensure that the cameras can be connected and viewable through this system. The bidder is not responsible for purchasing any licenses required for recording the ONVIF devices and the bidder is not responsible for upgrading the IndigoVision software at the site.</p>				
Alternative 1: IndigoVision Camera			Compliant / Non-compliant	Bid location
<p>1. Camera - Camera must be an IndigoVision 11000 HD fixed box with a standard lens capable of at least an 80 degree horizontal field of view.</p>				
Alternative 2: ONVIF Camera			Compliant / Non-compliant	Bid location
<p>1. Resolution- Camera must have at least 1 MP image resolution</p>				
<p>2. Night capability - The camera must be a true Day/Night camera with a mechanical IR cut filter.</p>				
<p>3. Lens/Focus/Zoom - The lens must support at least 2X optical zoom. Must have auto focus or auto back focus. Must provide at least a 50 degree horizontal field of view.</p>				
<p>4. Frames Per Second (FPS) - Camera must support at least 12 frames per second at the minimum resolution specified above.</p>				
<p>Example ONVIF cameras meeting specifications include Axis P1344 or equivalent.</p>				

Table 4: Requirements for Fixed Outdoor Cameras (Wide Angle)			Compliant / Non-compliant	Bid location
<p>1. Camera must be compatible for use with IndigoVision Control Center 4 revision 5. Cameras must either be IP IndigoVision cameras or must be supported by Control Center through ONVIF. It is the responsibility of the bidder to ensure that the cameras can be connected and viewable through this system. The bidder is not responsible for purchasing any licenses required for recording the ONVIF devices and the bidder is not responsible for upgrading the IndigoVision software at the site.</p>				
Alternative 1: IndigoVision Camera			Compliant / Non-compliant	Bid location
<p>1. Camera - Camera must be an IndigoVision 11000 HD fixed box with a standard lens capable of at least an 80 degree horizontal field of view.</p>				
Alternative 2: ONVIF Camera			Compliant / Non-compliant	Bid location
<p>1. Resolution- Camera must have at least 1 MP image resolution.</p>				
<p>2. Night capability - The camera must be a true Day/Night camera with a mechanical IR cut filter.</p>				
<p>3. Lens/Focus/Zoom - Camera must have a detachable lens. Must have auto focus or auto back focus. The lens used must provide at least an 84 degree horizontal field of view. It is preferred if the lens provides a 100 degree horizontal field of view or greater.</p>				
<p>4. Frames Per Second (FPS) - Camera must support at least 12 frames per second at the minimum resolution specified above.</p>				
<p>5. Wide Dynamic Range - Camera must support wide dynamic range for bright or backlit scenes. Example ONVIF cameras meeting specifications include Axis P1344 with wide lens or equivalent.</p>				

Table 5: PTZ Outdoor Camera				Compliant / Non-compliant	Bid location
<p>1. Camera must be compatible for use with IndigoVision Control Center 4 revision 5. Cameras must either be IP IndigoVision cameras or must be supported by Control Center through ONVIF. It is the responsibility of the bidder to ensure that the cameras can be connected and viewable through this system. The bidder is not responsible for purchasing any licenses required for recording the ONVIF devices and the bidder is not responsible for upgrading the IndigoVision software at the site.</p>					
Alternative 1: IndigoVision Camera				Compliant / Non-compliant	Bid location
Camera - Camera must be an IndigoVision 11000 HD PTZ.					
Alternative 2: ONVIF Camera				Compliant / Non-compliant	Bid location
<p>1. PTZ - Camera must be a Pan-Tilt-Zoom (PTZ) camera. This means that the camera can be made to move left and right, move up and down and zoom in and out.</p>					
<p>2. Resolution- Camera must have at least High-definition television (HDTV) 720p image resolution.</p>					
<p>3. Lens/Focus/Zoom - The camera must support digital zoom and the lens support at least 10X optical zoom. Must have auto focus or auto back focus. Must provide at least a 45 horizontal degree field of view.</p>					
<p>4. Range of Motion - Must have a pan range of at least 350 degrees. Must have a tilt range of 90 degrees.</p>					

Solicitation No. - N° de l'invitation
47733-122675/A
Client Ref. No. - N° de réf. du client
47733-122675

Amd. No. - N° de la modif.
005
File No. - N° du dossier
hn33447733-122675

Buyer ID - Id de l'acheteur
hn334
CCC No./N° CCC - FMS No/ N° VME

5.	Frames Per Second (FPS) - Camera must support at least 12 frames per second at the minimum resolution specified above.			
6.	Compatibility - Camera must support viewing of the camera image, manual control of the PTZ, and moving to a specified preset within the IndigoVision Control Center software. Example ONVIF cameras meeting specifications include Axis Q6034 or equivalent.			

Camera Count: 17

Camera Number	Camera Type	Location
1	PTZ Outdoor	Traffic Building Outdoor
2	Fixed Outdoor Wide Angle	Traffic Building Outdoor
3	Fixed Indoor	Interview Room
4	Fixed Indoor	Interview Room
5	Fixed Indoor	Cell
6	Fixed Indoor	Cell
7	Fixed Indoor	Cell
8	Fixed Indoor	Counter
9	Fixed Outdoor Wide Angle	Link
10	Fixed Outdoor Wide Angle	Link
11	Fixed Outdoor	Link
12	Fixed Outdoor	Link
13	Fixed Outdoor	Link
14	Fixed Indoor	Cell
15	Fixed Indoor	Public Area
16	Fixed Outdoor	Commercial Building Outdoor

Solicitation No. - N° de l'invitation
47733-122675/A

Amd. No. - N° de la modif.
005

Buyer ID - Id de l'acheteur
hn334

Client Ref. No. - N° de réf. du client
47733-122675

File No. - N° du dossier
hn33447733-122675

CCC No./N° CCC - FMS No/ N° VME

17	Fixed Outdoor	Commercial Building Outdoor
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Note to bidders:

The cabling requirements will include a fiber optic backbone cable to link the main building to the commercial building and CAT6 UTP cable to each new POE camera in the commercial building and warehouse. It has been assumed the warehouse is physically connected to the commercial building and no outdoor requirements will be needed.

1. Fiber Optic Backbone Cable - New

From existing main building LAN room to the commercial building CCTV room; supply and install one 12-strand fiber optic backbone cable, multi-mode/OM3. Terminate each end (all fibers) of the fiber cable into new wall-mounted fiber optic patch panels. Terminate all fibers onto simplex bulkheads using SC type connectors. The cabling contractor is required to label and test the fiber cable as per the Industry Standards. Supply the following fiber optic patch cords; 5m in length, MM/OM3 simplex, SC to SC, qty - 16. The cabling contractor is required to supply and install all required J-Hook type devices to support the fiber cable when not in cabletray or conduit in all buildings. J-Hooks are required every 4-5 feet.

a. The pathway connecting the main building and commercial building is called the Link (walk-way). This link has existing conduit pathways and it is the cabling contractor's responsibility to confirm pathway availability during the tender site-walk for the installation of the new fiber backbone cable. The cabling contractor must provide with their tender submission a UNIT Price to supply and install a new 2" conduit pathway across the link.

2. Camera Cable - New Category 6 UTP

It has been assumed that each new camera will be IP/POE (IP Network Camera with POE capabilities). Supply and install one Category 6 UTP cable to each new Camera location. In the Commercial Building LAN Room end, terminate each Category 6 cable into a 1U modular copper patch panel, to be mounted into an existing LAN Room rack. Coordinate with CBSA Regional Security, the location of the copper patch panel within the LAN Room rack. Terminate each end of all Category 6 UTP cables with RJ45 type connectors. At the camera end of the Category 6 cable, ensure there is a 3m service loop at each camera location. This service loop must be supported by a J-Hook. The service loop is to provide some flexibility in the final camera location. The cabling contractor is required to label and test (permanent link test) each new Category 6 UTP cable. Test results must be provided in PDF format to the CBSA Regional Security. All tests must show a pass. Supply the following copper patch cords; Cat6/3m/qty-10 and Cat6/1m/qty-10. Ensure the sheathing type of the UTP cable meets the local codes. The cabling contractor is required to supply and install all required J-Hook type devices to support the copper cables when not in cabletray or conduit in all buildings. J-Hooks are required every 4-5 feet.

a. In addition to the above, if any of the new cameras are mounted exterior, supply and install a dedicated 15amp circuit to these camera locations. This is for the de-fogger on the camera shroud. All cabling to an exterior camera must access the camera directly thru the wall the camera is mounted onto to avoid having to change the cable sheath.

b. The cabling contractor is responsible to assess during the tender walk-thru the pathway from the commercial building to the warehouse. The warehouse has existing voice and

data installed into this building. Should the contractor assess a pathway is required, the cabling contractor is required to provide a unit price for this additional pathway.

3. Additional Unit Price

Should a camera location exceed 80m in end-to-end distance, the cable type must be changed from copper Cat6 to a 2-strand/MM/OM3 fiber cable. The distance for a copper camera cable has been assessed as 80m by CBSA. Provide the following unit price with the tender submission.

1. Unit price for a 100m cable run (supplied and installed) of 2-strand/MM/OM3. Price is to include termination at each end (SC connectors and bulkheads), 3m service loop, labelling and testing. Should this unit price be required, the cabling contractor is to ensure the patch panel sizes are increased to allow for these additional fiber terminations.

2. Unit price for additional fiber optic cable should the distance of 100m be exceeded. Unit price is based on 5 metre increments and is to include material and labour.

3) At page 7, Part 2, sec 1.1 SACC Manual Clauses.

INSERT: B4024T No Substitute Products

Bidders must provide products that are of the same description, brand name, model and/or part number as detailed in the item description of the bid solicitation. Bidders are advised that substitute products will not be considered.

4) The following questions were submitted by potential bidders.

Q1. Is the tendered system to be added to the existing system or to be installed as a new standalone system as per the tender documents?

A) The tendered cameras will be installed in addition to the existing cameras. Five cameras will be removed by the contractor. These five cameras are not tied into the existing video management software. The five cameras are located in the Immigration area.

Q2. Will the existing software/hardware remain separate then the new system, if not what is existing system?

A) Please see the amendments for updated detailed information. This solicitation does not involve software anymore. Any cameras installed will have to be compatible with Indigo Vision Control Center Software 4.5

Q3. Can you provide a drawing that shows all camera locations (new and replacements), head end locations (switches and NVR's), client locations and monitor locations.

A) Drawing to be e-mailed out to bidders who attended the mandatory site visit on June 21st 2012.

Q4. We know that all exposed outdoor cable needs to be in EMT with water tight connectors. Should we assume for quoting purposes that we will need to install all of our own conduit for all copper cables and that we will not be able to use any existing conduit.

A) Existing conduit may be available; however new conduit may be needed. For more information on cabling, please see the new annex that addresses cabling requirements.

Q5. Is there room in the fibre conduit from one building to the next? Can we use this conduit or do we need to quote a completely separate conduit run for the fiber as well? If we need to supply and install our own conduit for the fiber does it need to be end to end in conduit or just between buildings.

A) Please see information outlined in Note to Bidders

Q6. Where are we placing the switches in each building? How do you want the switches mounted? In a rack? Is there room in an existing rack or do we supply our own?

A) The switch in the commercial building will be sharing an existing rack. The installation of it will need to be coordinated with the Project Authority. There may be enough space in the existing switches on the traffic side to add the additional cameras. If not, a full size 2 post rack will need to be provided in order to move existing NVR's/switches and new switch over; as the old rack does not have enough space to add an additional switch.

Q7. As this is a Cat6 system; do we need to support the cables in J-Hooks and conduit from end to end? If we do; is it OK to use the existing J-hooks for routing our cable in doors or do we need to install our own J-hooks for the CCTV cables.

A) Please see information outlined in Note to Bidders

Q8. This is a Cat6 system, so are we just going to crimp RJ45 mod ends directly onto the cable and plug into the switch and camera or do you want us to provide patch panels at the switch end and termination boxes at the camera ends and then use patch cables from the switch to the patch panel and from the camera to the termination box. If you use a standards based design (using patch panels and patch cables) it will enable us to provide a 25 year performance warranty on all installed fiber and copper. The warranty is backed by the manufacturer (Belden) and covers labor and material.

A) Please see information outlined in Note to Bidders

Q9. In Table 9. Video Archiving No. 3, what do you mean by "automatic load balancing over the network." How are they planning on using this with Video recording?

A) Software is no longer a part of this solicitation

Q10. Automatic load balance of "" over the network. If I better understood the goal behind this we could give a compliancy or path we would use.

A) Software is no longer a part of this solicitation

Q11. How many client workstation you will have? - The drawings shows that there are (2) viewing stations. In Annex "A", Item #6, you also require a 24" widescreen panel. The widescreen panel needs to be controlled by a workstation. So you will need another client connection for this.

A) Please see the revised documentation that outlines the number of workstations (computer viewing stations) and separate monitors required.

Q12. How many keyboards (traditional/analog) you are going to use? Item#7 in Annex "A" says there is only (1) joystick/controller in Chiefs Office in Traveler's Bldg. Are we using a keyboard and joystick at each location? Is one needed at the server? Total number of locations?

A) Please see the revised documentation for clarification.

Q13. INFO - As an information, for the SDK package, there is an NDA that needs to be signed based on the type of development that they want to do with our SDK.

A) Please see the revised documentation for clarification.

Q14. Video analytics - what type of usage/events do they want? There are 2 solutions with our product: edge or server based. Please explain intent. Is this for future (capability of, with additional licenses) or needs to be included now.

What we call on the edge - the cameras will perform the video analytics - you have to buy a license that will be applied in the camera itself and our software will listen to these events and alarms/actions can be created in our software.

A) Software is no longer required.

Q15. The software based option - you have to contact the analytics provider and to install a server or servers based on the manufacture requirement. Hardware is involved for this solution. The analytics provider will take the stream from the cameras and it will execute the analytics. Our software will connect to the analytics software and through the SDK we write the analytics

event in our SQL database. We would need to know who you are using if we have to carry the costs.

A) Software is no longer required.

Q16. We will include a list of compatible analytics options with our quote. The analytics on the edge option will be cheaper.

A) Software is no longer required.

Q17. Active directory integration - They request that the VMS must provide at a minimum, username and password authentication consistent with the CBSA's standards for Active directory for Windows. There is no mention about what are exactly the CBSA standards. Our software provides with standard username and password authentication. We have an option in our software for Active directory integration. Could you please confirm if I need to add the active directory integration to the bill of material

A) Software is no longer required.

Q18. How far apart are the two buildings?

A) It is six lanes of traffic, plus sidewalks on each side. Maybe 30 - 50 feet? Contractors will be responsible for determining the exact distance.

Q19. What will be the function of the 24" widescreen flat panel at the "Counter" of Traveler's Building? Do you want to display all (17) cameras on this monitor or do you want to display specific cameras only? Do you require a client or workstation for this monitor to control the cameras or change the view?

A) We will want to display as many cameras as possible. Please see the revised documents for updated information.

Q20. What is the minimum run-time required for the UPS of the storage server?

A) 60 minutes

Q) 21. Do you require all the equipment racks to be grounded/earthed?

A) Yes.

Q 22. Will there be cable runs inside the plenum space?

A) Please see information outlined in Note to Bidders

Q23. Who will provide circuit breakers and main AC source?

A) The LAN/IT room on the traffic side has an AC Unit. The rack should have a built in cooling system as well.

Q24. In (Section 2.2, Table 7, Item 3) and (Section 2.3, Table 9, Video Archiving and Retrieval, Item 7), are these referring to the RAID feature of the server or the server itself should be redundant i.e. there is a secondary server that acts as a backup for fail-over?

A) Software is no longer required.

Q25. Does the UPS have to be rack-mounted or tower-type UPS will do?

A) Tower type UPS can be used with the computer/monitor viewing stations.

Q26. Should the Viewing Station in Commercial Building have the same UPS in Traveler's Building?

A) We are no longer requiring the addition of a viewing station in the Commercial Building.

Q27. Are the Traveler's Building and Traffic Building the same facility or are they both different?

A) They are the same building. The building is to be referred to as the Traffic Building.

Q28. Will a 15TB storage for the server be acceptable as long as it can store up to 30 days of recording?

A) A storage server is no longer required.

Q29. Specifically, for the camera listed in Table 3 of Section 2.1: Line 3 states "must support at least 2.5x optical zoom" Does this mean it needs to be a controlled motorized zoom or a dc varifocal lens.

A) It only needs manual zoom, a controlled motorized zoom or a dc varifocal lens would be acceptable. However, please see the revised tables to ensure that the question is still valid.

Solicitation No. - N° de l'invitation

47733-122675/A

Amd. No. - N° de la modif.

005

Buyer ID - Id de l'acheteur

hn334

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

47733-122675

File No. - N° du dossier

hn33447733-122675

CCC No./N° CCC - FMS No/ N° VME

5) This solicitation has been extended to **2:00pm EST on September 14th 2012.**

ALL REMAINING TERMS AND CONDITIONS ARE UNCHANGED