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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

THIS DOCUMENT CONTAINS A SECURITY
REQUIREMENT / CE DOCUMENT CONTIENT
DES EXIGENCES RELATIVES À LA SÉCURITÉ

Vendor/Firm Name and Address

Raison sociale et adresse du
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Issuing Office - Bureau de distribution

Electrical & Electronics Products Division
L'Esplanade Laurier
East Tower, 4th floor,
Ottawa
Ontario
K1A 0S5

Title - Sujet CBSA, CCTV AT JEAN-LESAGE AIRPORT CBSA, CLOSE CIRCUIT TELEVISION (CCTV) SYSTEM AT JEAN LESAGE INTERNATIONAL AIRPORT	
Solicitation No. - N° de l'invitation 47419-189043/B	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client 1000339042	Date 2020-11-26
GETS Reference No. - N° de référence de SEAG PW-\$\$HN-467-79230	
File No. - N° de dossier hn467.47419-189043	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 2020-12-10 Heure Normale de 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: Dubé, Robert	Buyer Id - Id de l'acheteur hn467
Telephone No. - N° de téléphone (613) 296-1526 ()	FAX No. - N° de FAX (613) 943-7620
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
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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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AMENDMENT #002

This amendment solicitation is raised to:

- A) Answer questions from the industry; and
- B) Make revision(s) and/or clarification(s) to the RFP document.

Please see Amendment #001 for questions and answers #1 to #15.

A) QUESTIONS #16 TO #18 FROM THE INDUSTRY:

QUESTION 16:

In the RFP, in the list of cameras to provide, it is often requested a native resolution between 1.17 and 1.43MP. What is the relevance of such a request, while it is increasingly rare to find manufacturers offering native resolutions so low, making products obsolete. Since the resolution of higher-performance cameras can be programmed down during installation, this request is outdated.

Would it be possible to remove this request from the RFP or rather modify it to allow a different native resolution in the event of a 1.3MP recording resolution programming as requested?

ANSWER 16:

Please refer to the answer of the question 18.

QUESTION 17:

The requested 42-inch monitor model is no longer available. Most alternative commercial-grade monitors do not appear to come in the requested 42-inch size. Will the specifications be amended to permit a 43-inch monitor?

ANSWER 17:

Monitors of equal or better quality, with more or less variance of 4 inches and fully compatible with the video management solution can be proposed.

QUESTION 18:

We are seeking clarification on the following:

In Appendix A – CCTV Technical Specifications

In Section 6. Specifications for Camera, the following is mentioned in the description of specifications for multiple cameras (6.3, 6.4, 6.5 and 6.6).

"Native Resolution: The camera must have a native image resolution between 1.17MP and 1.43MP."

In Section 3 of the same Appendix, there is an inconsistency in the following points:

3.1.2. As an estimate, about one hundred and nine (109) cameras will be connected to the Server Room Edge Switch Solution:

3.1.2.1. About seventy three (73) of them will be fixe cameras under 2MP,

3.1.2.2. Twenty eight (28) are fixe 5MP cameras,

3.1.2.3. Eight (8) cameras are 1MP PTZ powered through a "high POE" (POE+) injector.

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Since much of cameras with a native resolution between 1.17 and 1.43MP are discontinued, or on the way to being, and a camera with a higher native resolution can be programmed to record in a resolution of 1.3MP, would it be possible to propose camera models with native resolutions different from the one mentioned?

ANSWER 18:

Following a consultation with our Laboratory responsible for Technical Specifications, tables 6.3, 6.4 and 6.5 have been adjusted. Please refer to revisions of the RFP document in B) below.

B) To make the following revisions of the RFP document as follows:

1- In Annex A – Statement of Work (SOW), under 5. TASKS:

The contractor must provide, install, cable, connect, program and start up the equipment as described in this SOW and in accordance with the specifications described in Appendix A - CCTV System specifications and be compliant with each manufacturer's installation guidelines, complete with all required parts, components, systems, software and accessories.

INSERT:

The Contractor must provide the latest version of Genetec Security Center Omnicast model "Enterprise" software for the Video Management System (VMS).

a) The system must operate on the latest version of Genetec Security Center Omnicast model "Enterprise"

b) All necessary licenses for the full functionality of the CCTV system must be supplied, installed and configured by the contractor. This includes but not limited to camera connections, base license package, failover camera connections, etc.

c) All licenses must be valid for the duration of the warranty period requested in the statement of requirements.

The Contractor must provide the documentation and the technical drawings in relation to the installation as well as train the employees in the use of the CCTV system, as described in the present document.

2- Please note the following changes (highlighted in yellow) in Appendix A – CCTV Technical Specifications of Annex A – Statement of Work (SOW):

5. Equipment Summary

Location in Document	Reference #	Quantity
6.2 - Indoor PTZ Camera - 1MP - Wide Dynamic Range	Z-1-60-x40/W5	8
6.3 - Indoor Camera - HDTV 1080p Wide Angle - Corridor Format	D-1.3-95-75:Co/VD	1
6.4 - Indoor camera - 1.3MP Wide Angle - Vandal Resistant	D-1.3-95-75/VD	24
6.5 - Indoor Camera - 1.3MP - Wide Angle - Vandal Resistant - With Audio	D-1.3-95-75:Au/VDM30	5
6.6 - Indoor Camera - 1.5MP - Corner - Vandal Resistant - Infrared Source	C-1.5-120:I0/V	5
6.7 - Indoor Camera - 2.1MP - Vandal Resistant	D-2.1-100/V	23

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6.8 - Indoor Camera - 2.1MP - Vandal Resistant - Very Wide Dynamic Range - Corridor Format	D-2.1-100:Co/VW5	5
6.9 - Indoor Camera - 2.1MP - Vandal Resistant - Very Wide Dynamic Range	D-2.1-100/VW5	2
6.10 - Indoor Camera - 2.1MP - Vandal Resistant - Corridor Format	D-2.1-100:Co/V	7
6.11 - Outdoor Camera - 2.1MP - Vandal Resistant	D-2.1-100/VE	1
6.12 - Indoor Camera - 5.3MP - Vandal Resistant	D-5.3-95/V	19
6.13 - Indoor Camera - 5.3MP - Vandal Resistant - Corridor Format	D-5.3-95:Co/V	9
7.1 - Joystick	JOY-I:U	1
8.1 - KMM - Rack Format	KMM/VGA-USB	1
8.2 - KMM - Switch Over IP - Rack Format	KVM:C8/VGA-USB-RJ45	1
9.1 - 24 inch	UI-MNT:24D/FHD	2
9.2 - 27 inch	UI-MNT:27D/FHD	2
9.3 - 32 inch	UI-MNT:32D/FHD	1
9.4 - 42 inch	UI-MNT:42W/4K	7
10.1 - Power Distribution Solution	PDS-R/16	1
11.2 - Video Management Failover Server	SRV-R-S:MF	1
11.3 - Video Management System / Video Recording Failover Server	SRV-R-L:MRF/R5-21.8TB	1
11.4 - Video Recording Server	SRV-R-L:R/R6-43.6TB	3
12.1 - Surge Protector	SUR-U/120	1
13.1 - Edge Switch Solution	SWT-R:E/Po	1
13.2 - Core Switch Solution	SWT-R:C/2S	1
14.1 - Standard UPS for Workstations	UPS-T:WST1.5	5
14.2 - Very Large Modular Redundant UPS	UPS-RM:H16	1
15.2 - 16 images - Desktop Client Viewing Station	VST-D-G2:CV/16H	1
15.3 - 32 images - Desktop Client Viewing Station	VST-D-G4:CV/32H	1
15.4 - 32 images – Desktop Client Viewing Station - 4 x 4K Video Outputs	VST-D-G24K:CV/32H	2
15.5 - 64 images – Desktop Client Viewing Station - 4 x 4K Video Outputs	VST-D-G44K:CV/64H	1

6.3 Indoor Camera – **HDTV 1080p** Wide Angle - Corridor Format

Reference: D-1.3-95-75:Co/VD		Reference (document name, page, and paragraph number)
Enclosure	<ul style="list-style-type: none"> The camera must be resistant to tampering; The camera must be contained in Dome housing type and securely mounted. 	
Environment	<ul style="list-style-type: none"> The camera assembly must be dustproof and waterproof; Only a compliant manufacturer approved enclosure may be considered acceptable. 	
Vandal Proof	These cameras must be resistant to vandalism and tampering. Must be rated IK10 or better.	
Horizontal Field of View	The camera must provide a maximal horizontal field of view between 97 and 113 degrees.	
Focus	The camera must have remote focus.	
Frame per Second (FPS)	The camera must be able to support at least 30 frames per second at the minimum resolution specified above.	
Night Capability	The camera must be a true Day/Night camera with a mechanical IR cut filter.	
Native Resolution	The camera must have a native image resolution between 1.17MP and 1.43MP.	
Optical zoom	The camera must support at least a 2X optical zoom.	
Corridor	The camera must support a rotation of 0°, 90°, 180° and 270°. The camera must be installed and configured to be in corridor mode where the orientation is vertical "portrait".	
Example	Camera such as AXIS Q3515-LV 9mm or equivalent can be used.	

6.4 Indoor camera - 1.3MP Wide Angle - Vandal Resistant

Reference: D-1.3-95-75/VD		Reference (document name, page, and paragraph number)
Enclosure	<ul style="list-style-type: none"> The camera must be resistant to tampering; The camera must be contained in Dome housing type and securely mounted. 	
Environment	<ul style="list-style-type: none"> The camera assembly must be dustproof and waterproof . Only a compliant manufacturer approved enclosure may be considered acceptable 	
Vandal Proof	These cameras must be resistant to vandalism and tampering. Must be rated IK10 or better.	
Horizontal and Vertical Field of View	<p>In a 4:3 mode</p> <ul style="list-style-type: none"> The camera must provide a maximal horizontal field of view between 25 and 90 degrees. The camera must provide a maximal Vertical field of view between 19 and 65 degrees. 	
Focus	The camera must have remote focus.	
Frame per Second (FPS)	The camera must be able to support at least 30 frames per second at the minimum resolution specified above.	
Night Capability	The camera must be a true Day/Night camera with a mechanical IR cut filter.	
Native Resolution	The camera must have a native image resolution between 1.17MP and 1.43MP.	
Optical zoom	The camera must support at least a 2X optical zoom.	
Example	Camera equivalent or better to PANASONIC WV-S2511LN.	

6.5 Indoor Camera - 1.3MP - Wide Angle - Vandal Resistant - With Audio

Reference: D-1.3-95-75:Au/VDM30		Reference (document name, page, and paragraph number)
Enclosure	<ul style="list-style-type: none"> The camera must be resistant to tampering. The camera must be contained in Dome housing type and securely mounted. 	
Environment	<ul style="list-style-type: none"> The camera assembly must be dustproof and waterproof . Only a compliant manufacturer approved enclosure may be considered acceptable 	
Vandal Proof	These cameras must be resistant to vandalism and tampering. Must be rated IK10 or better.	
Horizontal and Vertical Field of View	<ul style="list-style-type: none"> The camera must provide a maximal horizontal field of view between 125 and 135 degrees. The camera must provide a maximal Vertical field of view between 90 and 100 degrees. 	
Focus	The camera must have remote focus.	
Frame per Second (FPS)	The camera must be able to support at least 30 frames per second at the minimum resolution specified above.	
Night Capability	The camera must be a true Day/Night camera with a mechanical IR cut filter.	
Native Resolution	The camera must have a native image resolution between 1.17MP and 1.43MP.	
Optical zoom	The camera must support at least a 2X optical zoom.	
Audio	Camera must have at least one audio input port that uses a standard 3.5mm plug, so that a microphone may be connected to the camera to receive audio.	
Microphone	<ul style="list-style-type: none"> The microphone can be built-in or external wall/ceiling mounted; The microphone output must be compatible with the camera audio input The microphone must be uni-directional with adjustable direction; The microphone must have a sensitivity of at least -35db at about 1kHz The microphone must have a Signal-on-Noise ratio of at least 60db; The microphone must have a frequency response of at least 300Hz to 10 kHz. 	
Example	Camera such as AXIS P9106-V & AXIS T6112 or equivalent can be used.	

ALL OTHER TERMS AND CONDITIONS OF THE BID SOLICITATION REMAIN UNCHANGED