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Gatineau, Québec K1A 0S5
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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
Electrical & Electronics Products Division
11 Laurier St./11, rue Laurier
7B3, Place du Portage, Phase III
Gatineau, Québec K1A 0S5

Title - Sujet CCTV SYSTEM AT EDMONTON INSTITUTION	
Solicitation No. - N° de l'invitation 21120-158586/A	Amendment No. - N° modif. 003
Client Reference No. - N° de référence du client 21120-158586	Date 2015-02-20
GETS Reference No. - N° de référence de SEAG PW-\$\$HN-334-66338	
File No. - N° de dossier hn334.21120-158586	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-03-06	
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

Solicitation No. - N° de l'invitation

21120-158586/A

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

21120-158586

Amd. No. - N° de la modif.

003

File No. - N° du dossier

hn33421120-158586

Buyer ID - Id de l'acheteur

hn334

CCC No./N° CCC - FMS No/ N° VME

This amendment is raised to address the following:

- 1) The extend the closing date to 2:00pm EST on March 6th 2015
- 2) To formally include bidder Q&A as part of the solicitation document.

This requirement has been extended until **2:00pm EST on March 6th 2015**

The following questions and answered were submitted directly to those suppliers who attended the mandatory site visit. The questions appear in there original format and language. The Q&A is now formally being included as part of the solicitation and any result contract.

(See attached PDF documents)

ALL REMAINING TERMS AND CONDITIONS ARE UNCHANGED

Bidder Questions – CCTV Edmonton : Solicitation 21120-158586

Note : This document does not contain Q9?

Q1.STR sections 4.3.3 and 4.4.1 – Please clarify which existing cameras will support H.264 and will be re-used and which cameras do not support H.264 and need to be replaced. Or are we supposed to determine this based on the camera model numbers provided in section 4.3.1?

CSC Response A1: The Bidders have been provided with a Edmonton Max New Tables PDF which lists the model numbers of existing cameras. The Bidder shall reference these model numbers to determine if H.264 compatible.

Q2.STR section 4.4.4 – When are the PIDS/FAAS computers going to be updated with IP capable hardware as referenced in this section? Or is the proponent to include the cost of this upgrade in their proposal?

CSC Response A2: The proponent shall include the cost of this upgrade in their proposal.

Q3.STR section 4.12 – Please clarify if there are any components of the CCTV system located outside of West electrical room that require new or replacement UPS power?

CSC Response A3: Re-use existing UPS

Q4.STR section 4.13 – Please confirm whether all NVUS computers are to be supplied new as part of this project?

CSC Response A4: Replace all NVUS computers

Q5.STR section 4.13 – Please clarify whether the KVM extenders are to be IP based or analogue over IP cable (CAT-6)? If IP based, are they to be connected to the new IP CCTV network only?

CSC Response A5: The KVM extenders are to be IP based.

Q6.STR section 4.13 – Please clarify if the new NVUS computers that are replacing the existing NVUS computers located in the CER must be re-located to the AGT or West Electrical room?

CSC Response A6: All NVUS computers may be located together in either room.

Q7.STR section 4.14 – Please clarify if any monitors need to be replaced.

CSC Response A7: Refer to attached UPS & Monitors PDF and Block Diagram. Replace all monitors as identified. All control posts are wall mount. All offices are desk mount. Reuse existing wiring.

Q8.STR section 4.15 – Please clarify which computers this section is referring to (i.e. NVUS, NVR, and/or Directory Server).

CSC Response A8: All new computers

Q10. Is the proponent to determine the number and size of equipment cabinets required in the West Electrical room or will this information be provided by the Technical Authority?

CSC Response A10: Middle Atlantic MRK-4436 Equipment Cabinet

Q11. The photo copies provided during the site walkthrough were unclear and difficult to read, will clear drawings indicating the locations of the existing cameras be provided?

CSC Response A11: Technical information and site PDF drawings provided. There are no drawings available that detail existing camera locations.

Q12 - We need the real license count for current Genetec Omnicast cameras as they will be integrated onto the new system.

CSC Response: There are sufficient licenses that accommodate the existing CCTV. The contractor is responsible to provide all licenses on the Genetec system. The contractor may reference the data provided.

Q13. STR section 5.3 – Points C & D appear to conflict with the open line of this section, please clarify.

CSC Response: The maintenance training will include details associated to the formal operators training and an overview and copy of the operator Power-Point presentation.

Q14. STR section 5.6.1.3 – The reference to Section 5.6.2 appears to be in error, please clarify.

CSC Response: Period after the words “carried out” – delete “in Section 5.6.2”.

Solicitation 21120-158586
Q&A round II

1a – It is mentioned in the STR that Genetec Omnicast 4.8 is the existing Video Management System (VMS) platform, to ensure that the system is properly configured and deployed, shall the bidder provide at least 5yrs experience using the Genetec VMS and provide at least 10 system deployments within CSC or other High Security facilities using the Genetec VMS to remain compliant? To have this proven within the Proposals, shall the contractor provide a letter from Genetec to prove the competency of the contractor?

CSC Response 1a: Project submissions are only for Edmonton Institution. Refer to item 3.2, Video Management System of the Statement of Technical Requirements (STR).

1b – Shall the contractor also employ at least five (5) Genetec Certified Technicians?

CSC Response 1b: Refer to item 3.2, Video Management System of the Statement of Technical Requirements

2a - The archivers noted appear to be Pivot 3 without actually stating Pivot 3. Can the Crown please confirm that Pivot 3 is the minimum required video storage utilizing RAID6x?

CSC Response 2a: Pivot 3 is the minimum required video storage utilizing RAID6x. Requirements in accordance to Section 4 of the STR.

2b – If Pivot 3 is the minimum required storage solution, shall the contractor provide a written letter from Pivot 3 stating that the bidding contractor is certified and holds at least 3yrs of experience configuring and deploying the Pivot 3 vSTAC to remain compliant?

CSC Response: It is the contractor's responsibility to install and configure equipment in accordance, and in compliance, to the manufacturers and CSC specifications and standards.

3 - For storage calculations, what are the following requirements for video storage:
Video Codec – H.264
Frame Rate – 30fps
Key Frame Interval – 1sec?
Video Quality – (scale of 1 to 10)
Daily Motion percentage for each camera - _____ %
Recording duration: 168hrs

CSC Response 3: Reference Section 4.11 of the STR.

4 – Can the Crown please provide an accurate count for the following equipment:

of existing NVUS units: _____
of new NVUS unit: _____
Confirm the VMS Directories are to be installed on separate computers: _____
of existing Monitors to be replaced: _____
of new Monitors to be provided: _____
Are the existing monitors in MCCP (50") to be replaced _____

CSC Response 4: Reference attached spreadsheets and response to previous questions. Re-use existing 50" monitors.

5 – Are all switches to be replaced, including the perimeter GS110 switches? If yes, can the Crown please confirm that these are to be outdoor rated switches that are function able between -40C to +55C?

CSC Response 5: All new switches specifications in accordance to the STR.

6 – Can the Crown please confirm when the Starcom IP solution will be deployed as well will the contractor be provided a demo kit to develop the interface? Will this demo kit be provided by CSC?

CSC Response 6: Reference item 4.4.4, Integration, of the STR.

6a – Is this a proven technology and been deployed at more than one (1) facility for a minimum of two (2) years?

CSC Response 6a: Reference item 4.4.4, Integration, of the STR.

7 – Can the Crown please confirm if all existing network cables are to be replaced or can they be re-used?

CSC Response 7: The contractor may re-use existing network cabling.

7a – For all existing network cabling, shall the contractor be responsible to ensure that EIA standards are achieved when terminating cab

CSC Response 7a: The contractor may re-use existing network cabling as is responsible for any new terminations in accordance to the STR and CSC specifications and standards.

8 – Can the Crown please confirm that all existing network cabling is CAT6 or CAT5e?

CSC Response 8: CAT5e

9 – Prior to any installation commences, is the contractor to test all fiber and submit the reports to the Crown prior to performing any

CSC Response 9: Reference item 4.2.2, Testing of Fibre Optic Cable, of the STR.

10 – Are there any cameras that require a greater than 12mm lens to obtain a satisfactory FOV?

CSC Response 10: Field Of View (FOV) for all new cameras in accordance to providing proper range coverage. The lens should be adjustable to provide this coverage.

11 – In regards to the Liebert NFinity 16KVa UPS, what is the remaining life span of the batteries along with the part number(s) for the present unit?

CSC Response 11: CSC provided information associated to this UPS.

12 – Does the existing Liebert Nfinity UPS presently have the means and/or ability to perform remote shutdown for connected devices (NVUS, NVR, etc) OR Should the existing UPS just be replaced?

CSC Response 12: CSC provided information associated to this UPS.

13 – Within Section 4.14 – Monitors

It is noted that a request for new 22” Monitors that are to have Control Panel Lock out, what all features are expected to be disabled in the monitor(s)?

- Power Button
- Presets Modes
- Menu
- Brightness/Contrast

CSC Response 13: All the above

14 – Can the Crown please confirm that the contractor is to provide eighty (80) camera licenses for the new cameras to be installed?

CSC Response 14: CSC has already provided this information.

15 – In reference to Local Technicians, is the contractor to provide a 3yr service contract within this RFP?

CSC Response 15: No

16a – It is noted that throughout the installation the contractor is responsible for the system installation but upon completion is the contractor to provide a service contract or is the service to be performed with the site Maintenance staff?

CSC Response 16a: Reference Section 5 of the STR.

16b – Is the winning contractor to provide a minimum of three year telephone support? In the event of emergency, is the contractor required to cover all costs to site visits within the three year warranty, including hardware replacement?

CSC Response 16b: Reference Section 5 of the STR.

16c – Who is responsible for the Preventative Maintenance over the three year period and how would this be monitored if done by site?

CSC Response 16c: Reference Section 5 of the STR.

16d – Over the three years, are all software updates to be deployed at the cost of the contractor for the VMS?

CSC Response 16d: Reference Section 5 of the STR.

16e – It is mentioned that the contractor is to provide a 4hr response time for hardware fault, please confirm that this is required and if so, is Maintenance Training required with local staff as the winning contractor appears to be fully responsible for the system installed for three years?

CSC Response 16e: Reference Section 5 of the STR.

17 – It is mentioned that the contractor is to provide adequate cooling for the equipment room. Can the Crown please provide specifications on the grade of air cooling system that is required?

CSC Response 17: Reference 4.5 of the STR “The contractor is responsible for all costs associated to include sufficient cooling for all CCTV hardware”. This includes design.

18 – If a condenser is required for the Air Conditioning unit, is there adequate room (8' x 8') for the condenser to be installed on the roof?

CSC Response 18: Yes

19 – Is there a water drain within the location of the new equipment room?

CSC Response 19: Yes

20 – Is there to be an alarm on the Air Conditioner in the event of a failure that is to be displayed on the PIDS?

CSC Response 20: Yes

21 – For any new UPS alarms provided, are the following alarms to be integrated into the PIDS and FAAS computers:

- AC Fault
- Battery Low
- On Battery
- Internal/General Fault

CSC Response 21: Yes

22 – Can the Crown please confirm that the new Server Room space for the racks are ~ 13' x 5'?

CSC Response 22: Drawings provided – room space as per site visit.

23 – Within the Meeting Minutes, there is mention of an attendees list, can this please be passed out?

CSC Response 23: PWGSC requirement, if applicable.

24 – Can the Crown please confirm that the 50% load on the Nfinity UPS is for the existing CCTV Security System and that no other system(s) are connected to this UPS unit?

CSC Response 24: UPS information provided – other equipment is connected to this UPS.

25 -How many pairs of fiber are available.

CSC response: Refer to 08-060 NCCTV-EDM-01 Block Diagram As Built AutoCad drawing which identifies fibre to each node (rack location). For each node location there are no less than 6 spare fibres.

26– Can the Crown please confirm when the Starcom IP solution will be deployed as well will the contractor be provided a demo kit to develop the interface? Will this demo kit be provided by CSC?

CSC Response 6: Reference item 4.4.4, Integration, of the STR.

CSC Additional Response 6: Senstar 100 information attached.

27- Question – Regarding CSC’s response to question 2; due to the age and volatility of the existing FAAS/PIU hardware in addition to the single source supply could a cash allowance be arranged for the requested hardware upgrade?

CSC Response: The contractor shall assume that the existing FAAS/PIU hardware is functional. Any issues associated to FAAS/PIU will be addressed after award of contract.

28 - Question - Are there any relevant specifications and technical requirements for the supply and installation of the requested cooling and venting of the West Electrical Room?

CSC Response: Reference 4.5 of the STR “The contractor is responsible for all costs associated to include sufficient cooling for all CCTV hardware”. (This includes design). Computer Facilities Guideline attached.

29 - Question – The monitor/UPS list is useful but the model or size of monitor is not indicated. Should all monitors be supplied sized as indicated within 4.14 of the STR or are various sizes preferred?

CSC Response: This information was provided to PWGSC for distribution to the bidders.

30 - Question – Within STR section 5.1.4 identifies an additional 3 years maintenance support. Please clarify whether ADGA (CSC’s current electronic maintenance contractor) is to remain the first/primary maintenance responder or the Range CCTV contractor?

CSC Response: ADGA (CSC’s current electronic maintenance contractor) is to remain the first/primary maintenance responder for the Range CCTV.

31 - Question - The answer to Q8 provided within the Q&A was that all computers must meet this specification identified in STR section 4.15. Please clarify that an appliance which is part of a SAN storage system or a directory server would require a dual head video adapter and the horse power indicated in 4.15. Please clarify whether 4.15 to all computers to be supplied or just the NVUS computers.

CSC Response: Pivot 3 is the minimum required video storage utilizing RAID6x. Requirements in accordance to Section 4 of the STR. Reference 4.15 for all computers

32 - Can the Design Authority provide the Starcom IP SDK/API for the contractors to write the integration module/driver? If not, can the Design Authority provide contact information for the vendor supplying this information? It is assumed that the SDK/API will be provided to the contractor at no cost to allow the contractors software engineers evaluate the time required to write the driver/module.

CSC Response: Answered in a previous Q&A. Attachments were provided

33 - Within Section 5.4 – Equipment Failure – Can the Design Authority please provide the Maintenance Agreement/Contract required to adhere with the requirements outlined within the STR? This is to ensure that the contractor is fully aware of the service agreement required.

CSC Response: A copy of the contract cannot be provided. The responsibilities of the Maintenance Contractor were defined in a previous Q&A.