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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 DOOR CONTROL-SPRINGHILL INSTITUTION	
Solicitation No. - N° de l'invitation 21120-166580/A	Amendment No. - N° modif. 006
Client Reference No. - N° de référence du client 21120-166580	Date 2015-09-15
GETS Reference No. - N° de référence de SEAG PW-\$\$HN-445-67507	
File No. - N° de dossier hn445.21120-166580	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-10-09	
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: Ladouceur, Joanne M.	Buyer Id - Id de l'acheteur hn445
Telephone No. - N° de téléphone (819) 420-0340 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

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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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DOCUMENT ATTACHED

This amendment 006 is raised to provide a response to a supplier enquiry. The question and response are provided as follows:

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Question: *Section IV : Financial Bid,
1.2.3 – Travel and Living Expenses*

We are unable to locate the Treasury Board Travel Directive provisions relating to “Travelers”. Can you provide the documents that apply?

Response: The Travel Directives may be accessed at the following link:
<http://www.njc-cnm.gc.ca/directive/index.php?sid=98&lang=eng>

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Question: Document Labeled -- “Electronic Engineering Specification Door Control and Monitoring System For Use In Federal Correctional Institutions -- ES/SPEC – 0950 // December 23 2014

- a. Page # 20 // 6.2.6 – d)v. & l)v.
 - i. These two areas show the following verbiage “an RFID reader for application access control”
 - 1. Please provide more information in regards to the RFID reader and what it will be used for?

Response: The RFID readers must read a 35 bit corporate 1000 RFID cards. The RFID reader is to provide capability that would allow the operator to log on or off the system and to validate certain kinds of commands.

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Question: Will all new Touch Screen User Station Monitors be installed in metal turrets like buildings 52 & 57? (See Image below)



Response: No, the User station monitors must be mounted using an adjustable monitor swing arm brackets.

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Question: Will UPS's be needed for any and all new equipment being provided?

Response: Yes. An UPS's will be required for all Command and Control equipment. New equipment can be added to the existing UPSs if they can accommodate the increase load, if not the existing UPS must be upgraded. Note that Bidder's were provided the opportunity to verify the location and capacity of existing UPSs during the bidder's meeting.

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Question: For the Statement of Technical requirements – upgrade of the door control & monitoring system at Springhill Institution (2015 June 16) 1.4.2.2, would it be possible to receive a detailed point list (a point being an input and output) for building 05 and 58?

Response: Documentation is limited for the existing Springhill Door systems. As per STR 3.2 Scope of Work: .1 “The contractor must carry out a detailed investigation, including a review and analysis of the existing Door control system”.

Question: Figure 5 in the STR details a “datalogger server” that communicates with the DCMS Server via Starcom over IP protocol. Is this datalogger an existing piece of equipment already having a Starcom IP interface?

Response: yes, there is an existing data logger for building 52 and 57 located in Building 1 CER room. This Data logger does have a connection to the building DCMS server, although this is not a starcom over IP. It is anticipated that the PIDS/FAAS/Datalogger will be converted to Starcom over IP by the time the integration stage is reached.

Question: Figures 2, 3, and 4 in the STR detail a requirement to provide dual fibre connectivity to each remote node from the CER. Please confirm that there are at least 2 pairs (4 strands) of fibre available (active or dark) between the CER and each Living Unit node.

Response: New OM 3 50 fibers are required for this bid.

Question: Figures 2, 3, and 4 in the STR indicate that a maintenance user interface is required in each Living Unit TES as well as in the CER. Please identify which locations require Administration, Configuration, and Reporting user interfaces.

Response: all locations must be provided with a User Interface to the DCMS system that allows an individual with the appropriate privileges to log on to any of these functional interfaces: administration, configuration and reporting Interfaces.

Question: Please provide a CSC Standard for the “industrial grade” computers and touchscreens detailed in Section 3.7 of the STR.

Response: Industrial Grade Computers are typically supplied with the:

1. IPC (Association Connecting Electronics Industries) Motherboard using higher quality components than those typically found in residential or office computers.
2. Temperature rated to work up to 45 °C
3. Dust and particulate control: utilizing cooling fans with filters to keep out dust and other contaminants providing consistently clean air flow inside the chassis.
4. Direct cooling of media storage systems, components and power supply.
5. Shock/Vibration: disk drives can be mounted on shock absorbers, providing mechanical isolation and cushioning.
6. Power supply(s) with high quality that minimizes spikes, surges, transients and noise on AC power sources. The computers must always be supplied with clean, stabilized DC voltages under (almost) any condition.
7. EMI: proper grounding, shielding and electrical design assure proper isolation and compliance to internationally recognized electrical standards
8. IP/NEMA protection
9. Expandability: more slots than a standard PC.

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10. Longevity: life expectancy of 10 years or greater.
 11. Easy access to inside of computer for servicing.
 12. Hot swappable parts i.e.: Fans, power supplies (if dual supplies used), hard drives.
 13. Enterprise Hard Drives
 14. Computer to be panel or rack-mounted (19") on rails for easy accessibility for servicing.

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Question: Item 3 in Section 3.11 of the STR indicates which Living Units need new field wiring. However, the Living Unit number references do not agree with the site building numbers detailed in the rest of the STR. Please clarify this section and clearly identify which buildings require new field wiring.

Response: Section 3.11.3 of the STR must be replaced with the following; Replace all components of the system with the exception of the field devices such as electrical door locks, request to exist switch, door position switch, kill switch/shut down button. (Note it is expected that the field wiring in buildings 5,50,51,52,57 and 58 is still fit for purpose.)

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Question: Please clarify the requirement detailed in item 3 in Section 3.12 of the STR.

Response: The following sections should be deleted as they do not apply – 3.12.1.1, 3.1.2.1.2, 3.12.1.3.

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Question: Section 7.1 of the STR refers to an IVIRS. Please clarify.

Response: the acronym "IVRS" should be replaced with "DCMS".

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Question: Item 3 in Section 3.7 of the STR identifies a requirement to provide one spare computer and one spare touchscreen per living unit. Are these mandatory spares that are part of the bid evaluation or should they be included in the optional cost proposal list detailed in Section 7.1 of the STR?

Response: Mandatory spares should be included in the list in the Support Proposal and the cost included in the cost proposal. Optional Spares should also be included in the Support Proposal and the costs provided as options on a line item by line item basis.

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Question: Please clarify if all required fiber is to be provided new for this project, specifically for the DCMS inter-building fiber? Alternatively, please identify what fiber is available from each of the six Living Units?

Response: New OM 3 50 fibers must be provide for this project.

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Question: If new fiber is required please provide a scaled drawing indicating the conduit routing between buildings?

Response: See attached scale drawing.

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Question: please provide the Wonderware software versions for each of the Living Units 52 & 57?

Response: License Certificate # 1190712 Site ID: 148621
Serial Number # 1414319-0 Living Unit 52
Serial Number # 1414320-0 Living Unit 52

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Serial Number # 1315977-0 Living Unit 57
Serial Number # 1315978-0 Living Unit 57

This will be valuable in the event that the existing Wonderware software can be upgraded and the cost credited against the project.

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Question: Please provide the Starcom point assignment interface for the FAAS for each of the existing six Living Units.

Response: See attach JPG files showing the point assignments for Livings 52 (SC6) and 57 (SC7). Living Units 50,51,58 and RRC building 5 do not currently interface DCS alarms to the Senstar 100.

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Question: it was suggested that existing hardware be reused where possible for buildings 52 & 58; please clarify whether the existing network hardware is to be retained and reused as well?

Response: the existing network hardware for Springhill newest living units 52 and 57 should be retained.

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Question: Building 50 & 51– please clarify when the inmates will use their keys under the new system once installed?

Response: this question pertains to operational procedures as opposed to system features. The inmate key function will operate in the same manner as the existing system, if the Operator enables “inmate control” at the DCMS UI, the inmate’s key will open the cell door and the “request to exits button” within the cell will open the door. When “inmate control” is not enabled, the inmate key will not open the cell nor will the “request to exit button” open the cell door.

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Question: May we have the Serial Numbers of the InTouch 10 Software installed on the Living Units 52 and 57.

Response: answered above.

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Question: Is there a Backup Server already existing in the CER as per the drawings DE-402 Buildings 52 and 57. If yes, what would be the Serial Number of the InTouch 10 software installed?

Response: there is no back-up server installed.

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Question: The STR indicates that power and lights are integrated into the existing system in Building 5 (RRC). This is supported by the CSC provided pictures which show control panels as well as a light switch panel on the operator console. Please provide additional details so that we may properly assess the requirement.

Response: The lighting and power circuits cabinets were opened during the site bidder’s meeting and bidders representatives had the opportunity to ask questions at that time. There are no lighting and power site diagrams available for the RRC building 5. The lighting and power circuits uses the Horton Control RSP12 to convert the switch input from the lighting control panel to drive the GE RR9 relays, which provides the 120 volts for the circuits. Each RSP12 module provides 12 outputs.

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Question: The tender documents included a MS Word document detailing the types and quantity of each door in Building 5, 50, 51, and 58. In addition, CSC has provided pictures of the mimic panels in these buildings. The number of controlled/monitored doors shown on the mimic panels do not agree with the totals listed in the MS Word document. Please clarify.

Response: The mimic panels represent the correct number of controlled and monitored doors for building 5, 50, 51 and 58.

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Question: The drawings provided for buildings 50 and 50 reference drawings 8.5 and 8.6. Please provide these drawings.

Response: see attached files.

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Question: Please provide drawings detailing the PLCs and door controls in use for buildings 5 and 58.

An Response: A response to this question was provided in an earlier set of Questions and Answers.

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Question: Please confirm if four-state supervision is required on all PLC inputs.

Response: A more specific definition of each of the states is required in order to respond to this question.
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All other terms and conditions remain unchanged.