

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Bid Receiving - PWGSC / Réception des soumissions
- TPSGC
11 Laurier St. / 11, rue Laurier
Place du Portage, Phase III
Core 0B2 / Noyau 0B2
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
7B3, Place du Portage, Phase III
Gatineau, Québec K1A 0S5

Title - Sujet Door Control System Procure & Insta	
Solicitation No. - N° de l'invitation 21120-132626/A	Amendment No. - N° modif. 004
Client Reference No. - N° de référence du client 21120-13-1902626	Date 2015-07-14
GETS Reference No. - N° de référence de SEAG PW-\$\$HN-334-67177	
File No. - N° de dossier hn334.21120-132626	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-08-05	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

Solicitation No. - N° de l'invitation

21120-132626/A

Amd. No. - N° de la modif.

004

Buyer ID - Id de l'acheteur

hn334

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

21120-13-1902626

File No. - N° du dossier

hn33421120-132626

CCC No./N° CCC - FMS No/ N° VME

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Amendment 004 is issued to adjust the solicitation close date, update the standard instructions and the general terms and condition, update clauses and provide answers to questions.

At page 1, Solicitation closes

Delete: 2015-07-17
Insert: 2015-08-05

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At Part 2 – Bidder Instructions

Delete: The 2003 (25/09/2014) Standard Instructions
Insert: The 2003 (2015-07-03) Standard Instructions

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DELETE: PART 5 - CERTIFICATIONS IN ITS ENTIRETY

INSERT:

PART 5 CERTIFICATIONS AND ADDITIONAL INFORMATION

Bidders must provide the required certifications and additional information to be awarded a Contract.

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Canada will declare a bid non-responsive, or will declare a contractor in default if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority will render the bid non-responsive or constitute a default under the Contract.

1. Certifications Required with the Bid

Bidders must submit the following duly completed certifications as part of their bid.

1.1 Declaration of Convicted Offences

As applicable, pursuant to subsection Declaration of Convicted Offences of section 01 of the Standard Instructions, the Bidder must provide with its bid, a completed Declaration Form, to be given further consideration in the procurement process.

1.2 Certifications Precedent to Contract Award and Additional Information

The certifications and additional information listed below should be submitted with the bid, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame provided will render the bid non-responsive.

1.2.1 Integrity Provisions List of Names

Bidders who are incorporated, including those bidding as a joint venture, must provide a complete list of names of all individuals who are currently directors of the Bidder.

Bidders bidding as sole proprietorship, as well as those bidding as a joint venture, must provide the name of the owner(s).

Bidders bidding as societies, firms or partnerships do not need to provide lists of names.

2. Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "[FCP Limited Eligibility to Bid](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)" list (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from [Employment and Social Development Canada \(ESDC\) - Labour's](#) website.

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" list at the time of contract award.

Canada will also have the right to terminate the Contract for default if a Contractor, or any member of the Contractor if the Contractor is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list during the period of the Contract.

The Bidder must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification, before contract award. If the Bidder is a Joint Venture, the Bidder must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification, for each member of the Joint Venture.

3. Additional Certifications Precedent to Contract Award

3.1 Status and Availability of Resources

The Bidder certifies that, should it be awarded a contract as a result of the bid solicitation, every individual proposed in its bid will be available to perform the Work as required by Canada's representatives and at the time specified in the bid solicitation or agreed to with Canada's representatives. If for reasons beyond its control, the Bidder is unable to provide the services of an individual named in its bid, the Bidder may propose a substitute with similar qualifications and experience. The Bidder must advise the Contracting Authority of the reason for the substitution and provide the name, qualifications and experience of the proposed replacement. For the purposes of this clause, only the following reasons will be considered as beyond the control of the Bidder: death, sickness, retirement, resignation, dismissal for cause or termination of an agreement for default. If the Bidder has proposed any individual who is not an employee of the Bidder, the Bidder certifies that it has the permission from that individual to propose his/her services in relation to the Work to be performed and to submit his/her résumé to Canada. The Bidder must, upon request from the Contracting Authority, provide a written confirmation, signed by the individual, of the permission given to the Bidder and of his/her availability. Failure to comply with the request may result in the bid being declared non-responsive.

Signature

Date

3.2 Education and Experience

The Bidder certifies that all the information provided in the résumés and supporting material submitted with its bid, particularly the information pertaining to education, achievements, experience and work history, has been verified by the Bidder to be true and accurate. Furthermore, the Bidder warrants that every individual proposed by the Bidder for the requirement is capable of performing the Work described in the resulting contract.

Signature

Date

=====

At Part 7 – Resulting Contract Clauses, para. 2.1 General Conditions

Delete: 2030 (25/09/2014) General Conditions - Higher Complexity - Goods
Insert: 2030 (2015-07-03), General Conditions - Higher Complexity – Goods

=====

At Part 7 – para. 5. Authorities

Delete: 5.1 Contracting Authority

The Contracting Authority for the Contract is:

Mike McLaughlin
Public Works and Government Services Canada, Acquisitions Branch
Logistics, Electrical, Fuel and Transportation Directorate, "HN" Division
7B3, Place du Portage, Phase III, 11 Laurier Street
Gatineau, QC, K1A 0S5
Telephone: (819) 956-3622
Facsimile: (819) 953-4944
E-mail address: michael.mclaughlin@pwgsc-tpsgc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

Insert: 5.1 Contracting Authority

The Contracting Authority for the Contract is:

Mike McLaughlin
Public Works and Government Services Canada, Acquisitions Branch
Logistics, Electrical, Fuel and Transportation Directorate, "HN" Division
7B3, Place du Portage, Phase III, 11 Laurier Street
Gatineau, QC, K1A 0S5
Telephone: (819) 420-0330
Facsimile: (819) 953-4944
E-mail address: michael.mclaughlin@pwgsc-tpsgc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

At Part 7 – Resulting Contract Clauses, para. 14 Priority of Documents

Delete: (d) General Conditions 2030 (25/09/2014) General Conditions - Higher Complexity - Goods
Insert: (d) General Conditions 2030 (2015-07-03) General Conditions – Higher Complexity – Goods

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Questions and Answers:**Q1:**

Section 2.2 of the STR lists Applicable Standards and Specifications that have not been provided with the tender documentation. Please provide all noted documents.

A1:

- a) EIA-310-C Spec is available on the internet or can be purchased.
- b) CAN/CSA-E61131-2-06 can be purchased from CSA
- c) Other Specs attached

Q2:

Please indicate the number of available conductors between each LU2-LU4 door and the associated TES.

A2:

Info was provided on the drawings and can be vied in the photos supplied.

Q3:

The tender package includes a design requirement document for Living Unit Power and Light Systems. Please confirm that this document is for information only and that no applicable technical requirements exist.

A3:

The system has to have the ability to add this feature at a later date.

Q4:

Is 4-state (closed, open, cut and short) supervision required for each PLC input?

A4:

Yes

Q5:

This project requires a substantial amount of software development. Is it a requirement that this development be completed by a systems integrator Certified by the manufacturer of the platform they propose to use to meet the project requirements?

A5:

A third party can be used as long as they are certified and all info is passed on to CSC.

Q6:

Please provide a copy of the Starcom over IP Protocol referenced in Section 3.3.1 o) of the STR.

A6:

Please contact Senstar for this information.

Q7:

The existing cells are equipped with an inmate request to exit button. Please describe in detail how this function works.

A7:

When the doors are in the permit state an inmate can push the request to exit to unlock his cell door, the push is a two state input the switch must be pushed then released.

Q8:

With reference to Section 8.3.1.2 of the User Interface Framework document, where is the Active Alarm Display located on the user interface screen?

A8:

On the bottom right side of the screen alarm acknowledge is alarm first.

Q9:

Will CSC be providing the required sound files?

A9:

Sound files should have the ability to change the sound and volume. File will be provided at a later date use standard alarm files for now.

Q10:

Figure 2 of the STR details the typical configuration of the DCMS. This figure illustrates redundant PLC and DCMS Server network connectivity. Please clarify if the proposed solution should also include dual network connectivity for the user interface workstations.

A10:

If either the components fail the system will be operational, an indication of component failure should appear on the interface and the CPU in the CER.

Q11:

Is there a requirement to provide dual NIC workstations for the Maintenance User Interfaces or are they intended to be just monitors connected directly to the DCMS Server and backup server?

A11:

No

Q12:

Figure 2 of the STR details an Emergency Shutdown switch and a Reset Keyswitch. Are these required for Mountain Institution?

A12:

These exist now and are required.

Q13:

During the site visit, there was discussion about emptying LU Ranges to accommodate system cutover. Please clarify.

A13:

When upgrading the DCS in a range no inmates will be living in that range until the new DCS is installed and operational. One range may only be available at a time thus requiring both systems to be functional until the living unit is completely upgraded.

Q14:

Please confirm the number of available fibres between each LU TES and the CER.

A14:

Two are available

Statement of Technical Requirements:

Q15:

3.3.1a. – please clarify what is to be monitored with regards to network switches.

A15:

Monitoring that it is operational.

Q16:

3.3.1d. – please clarify how the specified operator touchscreen is to provide the DCMS operators the means to manage all device and capabilities referred to in section 2.0 of the STR? This section contains a list of applicable specifications relevant to the project and not a listing of devices and capabilities.

A16:

This is explained in the design requirement 4.1.2

Q17:

3.3.1e. – please provide additional details and defined parameters to CSC's requirements stated in 3.3.1e.? i.e. is Microsoft Windows™ considered a "non-proprietary Application Development and Service Delivery environment?"

A17:

Any software or equipment that can be purchased of the shelf(more the one source) is non-proprietary.

Q18:

3.3.1k. – please provide referenced specification CAN/CSA-E61131-2-06?

A18:

This has to be purchased by the customer.

Q19:

3.3.1n. – is the intention to store all events and logs on both the local hard disk as well as on the backup server?

A19:

Yes that is why it's called a backup server if the one goes down we don't lose all are data.

Q20:

3.3.3c. – please provide a duration for the “ongoing” requirement identified?

A20:

During the warranty period, I would suggest offering extended support for 3 to 5 years.

Q21:

4.6a. – please clarify this sentence/requirement?

A21:

This is a generic statement if a new console is been installed you must insure all existing equipment in the old console must be installed in the new console. Any new equipment designated for the CER will be installed in the existing racks.

Design Requirements for the Operator User Interface for the Door Control and Monitoring System

Q22:

6.3.2 – There is no reference to any Interior Security map view in the Table of Definitions; please clarify the following requirement and reference to Interior Security map view “The MCCP has an active alarm display and alarms are both represented on the Interior Security map view, and are listed in the active alarm display?”

A22:

In attached documents

Q23:

6.3.5b. – Paragraph appears incomplete “The alarm status icon flashes, with” please clarify?

A23:

The alarm Icon blinks on and off

Q24:

6.3.5c. – intentionally blank?

A24:

Typo

Q25:

6.3.6 – “to acknowledge the alarm” is this not the same as 6.3.6.4?.

A25:

Omit

Q26:

6.4.2 – “Alarm in progress (tamper or fault alarm from microphone)” – what microphone is referenced here?

A26:

Omit another typo

Design Requirements for the Operator Graphical User Interface for the Living Unit Power and Light System

Q27:

Please provide the following referenced documents:

ES/STD-0900 Standard for Design of Icons for User Interfaces

ES/STD-0901 Standard for Design of the Look and Feel of the User Interface

ES/STD-0902 Standard for Design of the Framework of the User Interface

A27:

attached files

Design Requirements for the Framework of the User Interface for the use in Federal Correctional Institutions

Q28:

5.1.2 – Please provide the documents “Design Requirement for Design of Icons for User Interface” and “Design Requirement for Design of the Look and Feel of the User Interface”. *Note* these may be the same as above but have no document reference number.

A28:

attached files

Q29:

6.1 – Is it a requirement for more than one officer to be logged in at one time? If yes, please provide a maximum number of simultaneous officer log-ins?

A29:

One user at a time per station

Q30:

6.7 – Please define what is to be included within event logs and reports?

A30:

All events, alarms, faults and tampers.

Q31:

7.2.8 – Please elaborate on the required functionality for the Emergency Checklist including the screen location and what information is to be displayed. What happens if there are multiple alarms?

A31:

Emergency Check list screen where the institution can fill out specific items for the institution or particular living unit.

Q32:

Please clarify the acronym SMSS used in table 8.3.3.1?

A32:

SMSS should be DCMS

Q33:

Please clarify the warranty requirement for the chosen DCMS platform. Typically, platform providers will provide a 1 year warranty that commences at the time of purchase. CSC is requesting a 1 year warranty that will commence at the time of system acceptance. The time between the date of purchase and system acceptance is significant.

A33:

Standard practice warranty is one year warranty after acceptance.

Q34:

The STR table of contents refers to "Appendix D: Design Requirements for CCDA Platform". Please provide this document.

A34:

Info covered in attached files

Q35:

CSC specification ES/SPEC-0950 is referenced in the tender documents but has not been issued. Please provide.

A35:

Info covered in attached files

Q36:

Section 7.1.1 of the document "Design Requirements for the Operator User Interface for the DCMS" refers to door labels displayed with an inmate picture. Please clarify if this is applicable for this project.

A36:

Pictures will not be implemented in this install in the project but we must be able to implement this feature in the future.

Q37:

Section 3.1 of the document "Design Requirements for the Operator User Interface for the DCMS" refers to a "Design Requirement for a Security Management and Supervision System" document. Please provide this document.

A37:

Info covered in attached files

Q38:

Please clarify if each living unit is required to operate as a standalone door control system in the event that it is disconnected from the CER.

A38:

The CPU in the CER is a backup server to each of the living units, if the CER CPU goes off line the living units operate as normal.

Q39:

Please identify the level of datalogging that is required on the FAAS, on the local DCMS server, and on the central DCMS server.

A39:

CPU failure, network failures, PLC failures.

Q40:

Please confirm that the DCMS server located in the CER is intended to be a failover for each of the living unit servers.

A40:

Yes

Q41:

Section 6.7.1 of the document “Design Requirements for the Framework of the User Interface for use in Federal Correctional Institutions” refers to reports. Please identify what report requirements are included with this project.

A41:

Info covered in attached files

Q42:

page 19 Section 3.3.6 k. i. Please clarify “248 port network edge switches?”

A42:

It's a 24 port network switch appears to be a typo

Statement of Technical Requirements

Q43:

page 3 Listing of Appendices – It appears there may be a variance with the naming convention and appendices references. Please clarify which Appendix referenced on page 3 is affiliated with what PWGSC supplied documents?

A43:

Appendix A - Door Types → List of Mountain Inst. Cell Door types_EN
→ List of Mountain Inst. Cell Door types_FR

Appendix B - GUI Requirements → English → DCMS GUI Requirements (EN)
→ Design Requirement for GUI Framework (EN)
→ Design Requirements for GUI for the LU Power and Light System (EN)
→ Design Requirements for Icons for GUI (EN)
→ French → DCMS GUI Requirements (FR)
→ Design Requirement for GUI Framework (FR)
→ Design Requirements for GUI for the LU Power and Light System (FR)
→ Design Requirements for Icons for GUI (FR)

Appendix C - Vector Floor Plans → 833_G~~~~~_G_L2_R~_0
→ 833_LU01~~_2_L2_R~_0
→ 833_LU01~~_G_L2_R~_0
→ 833_LU02~~_2_L2_R~_0
→ 833_LU02~~_G_L2_R~_0
→ 833_LU03~~_2_L2_R~_0
→ 833_LU03~~_G_L2_R~_0
→ 833_LU04~~_2_L2_R~_0
→ 833_LU04~~_G_L2_R~_0

Appendix D - Design Requirements for CCDA Platform → Design Requirements for CCDA Platform (EN)
→ Design Requirements for CCDA Platform (FR)

Appendix E - CSC Security Regulations → Safety Regulations for Security Electronics Contractors (EN)
→ Safety Regulations for Security Electronics Contractors (FR)

Appendix F - Maintenance Handover Report → Maintenance Handover Report
→ Rapport de transfert des services d'entretien

Appendix G - CSC O&M Manuals and Site Specific Drawings → This was handed out by W.H.

Appendix H - CSC CPIC Form → Institutional Access CPIC Clearance Request Form

Appendix I -DCS System Drawing → LU1 As-builts 1
→ LU1 As-builts 2
→ MNT LU1 1st floor
→ MNT LU1 2nd Floor
→ Mountain LU 2-5 DCS Marcomm as-builts

Appendix J -LU Screenshots → This was handed out by W.H.

Appendix K -Building Layouts → LU 1 Main Floor
→ LU 1 Second floor
→ LU 2,3,4 Main Floor
→ LU2,3,4 Attic
→ LU2,3,4 Second Floor
→ Seg Hospital Main Floor
→ Seg Hospital Upper Floor
→ Site Plan