

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

REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION

**Proposal To: Public Works and Government
Services Canada**

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

**Proposition aux: Travaux Publics et Services
Gouvernementaux Canada**

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments - Commentaires

Title - Sujet Fence Detection System	
Solicitation No. - N° de l'invitation 21120-148250/A	Date 2015-02-04
Client Reference No. - N° de référence du client 21120-14-1948250	
GETS Reference No. - N° de référence de SEAG PW-\$\$HN-329-66700	
File No. - N° de dossier hn329.21120-148250	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-03-20	
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: Dumaresq, Steve	Buyer Id - Id de l'acheteur hn329
Telephone No. - N° de téléphone (819) 956-3487 ()	FAX No. - N° de FAX (819) 953-4944
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Specified Herein Précisé dans les présentes	

Instructions: See Herein

Instructions: Voir aux présentes

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

Delivery Required - Livraison exigée See Herein	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

21120-148250/A

Amd. No. - N° de la modif.

File No. - N° du dossier

hn32921120-148250

Buyer ID - Id de l'acheteur

hn329

CCC No./N° CCC - FMS No/ N° VME

21120-14-1948250

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Buyandsell.gc.ca

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The following forms are attached to the solicitation document:

- 1) Institutional Access - CPIC Clearance Request, CSC/SCC 1279
- 2) Design Change/Deviation, PWGSC-TPSGC 9038

PART 1 - GENERAL INFORMATION

1. Introduction

The bid solicitation and resulting contract document is divided into seven parts plus annexes:

- Part 1 General Information: provides a general description of the requirement;
- Part 2 Bidder Instructions: provides the instructions, clauses and conditions applicable to the bid solicitation and states that the Bidder agrees to be bound by the clauses and conditions contained in all parts of the bid solicitation;
- Part 3 Bid Preparation Instructions: provides bidders with instructions on how to prepare their bid;
- Part 4 Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria that must be addressed in the bid, if applicable, and the basis of selection;
- Part 5 Certifications: includes the certifications to be provided;
- Part 6 Security, Financial and Other Requirements: includes specific requirements that must be addressed by bidders; and
- Part 7 Resulting Contract Clauses: includes the clauses and conditions that will apply to any resulting contract.

2. Requirement

2.1 Summary

The Correctional Service of Canada (CSC) has a requirement to replace the Fence Disturbance Detection System at Archambault Institution located near Ste-Anne-des-Plaines, Qc.

The Archambault Institution is a medium security institution. Work will have to be accomplished with minimum disruption to the daily operation and security of the institution.

The work includes the design, supply, installation, testing and provision of operational and technical training on the replacement of the Fence Disturbance Detection System at Archambault Institution.

There is a security requirement associated with this requirement. For additional information, see Part 6 -Security, Financial and Other Requirements, and Part 7 - Resulting Contract Clauses.

2.2 Delivery Requirement

Delivery is requested to be completed within 30 weeks after contract award.

2.2.1 Delivery Offered

While delivery is requested as indicated above, the best delivery that could be offered is _____

2.3 Contractor Contacts

Name and telephone number of the person responsible for:

General enquiries

Name: _____
Telephone No.: _____
Facsimile No.: _____
E-mail address: _____

Delivery follow-up

Name: _____
Telephone No.: _____
Facsimile No.: _____
E-mail address: _____

2.4 Warranty Repairs

It may be necessary for warranty repairs to be performed on site. You are requested to provide response time and location of nearest office/depot providing staff for this work. Response time shall not exceed forty-eight (48) hours. The contact person is as follows:

Response Time: _____
Name: _____
Telephone No.: _____
Facsimile No.: _____
Email/Internet Address: _____

2.5 Emergency Services/Repairs

If requested by Correctional Service Canada, the Contractor shall be required to provide on-site emergency service/repairs not covered under the warranty provision of the General Conditions 2030 during the contract period. The emergency crew shall be paid as indicated herein. The response time shall not exceed four (4) hours. The contact person is as follows:

Name: _____
Telephone No.: _____
Facsimile No.: _____
Email/Internet Address: _____

2.6 Lifetime Spares

It shall be a condition of any contract resulting here from that the Contractor undertakes to supply spare parts for the equipment proposed during the life expectancy of the equipment.

The Bidder must indicate the number of years for the life of the equipment. _____ years.

3. Debriefings

After contract award, bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days of receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

PART 2 - BIDDER INSTRUCTIONS

1. Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the *Standard Acquisition Clauses and Conditions* (<http://ccua-sacc.tpsgc-pwgsc.gc.ca/pub/acho-eng.jsp>) Manual issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of this bid solicitation and accept the terms and conditions of the resulting contract.

The 2003 (25/09/2014) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of 2003, Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: sixty (60) days

Insert: ninety (90) days

2. Submission of Bids

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) **BID RECEIVING UNIT** by the date, time and place indicated on page 1 of the bid solicitation.

Due to the nature of the bid solicitation, bids transmitted by facsimile to PWGSC will not be accepted.

3. Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than ten (10) calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a "proprietary" nature must be clearly marked "proprietary" at each relevant item. Items identified as proprietary will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the questions or may request that the Bidder do so, so that the proprietary nature of the question is eliminated, and the enquiry can be answered with copies to all bidders. Enquiries not submitted in a form that can be distributed to all bidders may not be answered by Canada.

4. Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the bidders.

5. Mandatory Site Visit

It is mandatory that the Bidder or a representative of the Bidder visit the work site. Arrangements have been made for site visits to be held on **February 18, 2015 at 10:00 a.m. at the Archambault Institution. Interested Bidders shall meet at the Principal Entrance of the Archambault Institution, 242 Montée Gagnon, Sainte-Anne-des-Plaines, Quebec.** Bidders will be required to sign an attendance form at each site visit. Bidders should confirm in their bids that they have attended the site visit. Bidders who do not attend or send a representative to the site visit will not be given an alternative appointment and their bids will be rejected as non-compliant.

The onus is on the bidders to arrive at the site visit in a timely manner. **Bidders arriving late may not be permitted to attend the site visit.**

The Bidder must have at least one attendee at the site visit.

It is also a **mandatory** condition of this requirement that all attendees have a site clearance prior to the site visits. To apply for the site clearance, the bidders shall complete a CPIC Clearance Request form (preferably in typed format) and submit the duly completed and signed form by each participant, by fax to (819) 953-4944 or by e-mail to **steve.dumaresq@pwgsc-tpsgc.gc.ca**. It is a mandatory condition that the CPIC Clearance Request be submitted for the site visits. It is requested that the CPIC Clearance Requests be received by this office no later than February 13, 2015. Site Clearance Request Forms received after February 13, 2015 may not be accepted. A site clearance obtained for work performed under similar requirements is not acceptable. Bidders are requested to clearly identify the name of the participant, the name of the company they represent, telephone number, facsimile number and e-mail address.

Bidders should submit in writing to the Contracting Authority, a list of issues that they wish to table and the language they would like to address questions and answers, no later than five (5) calendar days prior to the scheduled site visit.

Bidders are advised that any clarifications or changes resulting from the site visit shall be included as an amendment to the bid solicitation document through MERX.

As proof of attendance, the Bidder must sign the attendance form provided by the CSC representative at the site visit.

PART 3 - BID PREPARATION INSTRUCTIONS

1. Bid Preparation Instructions

Canada requests that bidders provide their bid in separately bound sections as follows:

Section I:	Technical Bid (3 hard copies)
Section II:	Management Bid (3 hard copies)
Section III:	Support Bid (3 hard copies)
Section IV:	Financial Bid with Certifications (1 hard copy)

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

Canada requests that bidders follow the format instructions described below in the preparation of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, bidders are encouraged to :

- 1) use paper containing fibre certified as originating from a sustainably-managed forest and/or containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

The Technical, Management and Support Bids should be concise and address, but not necessarily be limited to, the points that are subject to the evaluation criteria against which the bid will be evaluated. Bidders should address these evaluation criteria in sufficient depth in their bid. Simply repeating the statement contained in the solicitation document is not sufficient. Bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

In order to facilitate the evaluation of the bid, Canada requests bidders to address and present topics in the order of the evaluation criteria under the same headings. To avoid duplication, bidders may refer to different sections of their bid by identifying the specific paragraph and page number where the subject topic has already been addressed.

THE BIDDER MUST ADDRESS ON A PARAGRAPH BY PARAGRAPH BASIS THE STATEMENT OF TECHNICAL REQUIREMENTS, THE STATEMENT OF WORK AND THE ELECTRONIC ENGINEERING SPECIFICATIONS AND STANDARDS, BY INDICATING WHERE APPLICABLE “COMPLY, UNDERSTOOD, NOTED, OR NOT APPLICABLE”. WHERE REQUIRED, THE BIDDER MUST PROVIDE ADDITIONAL INFORMATION.

Section I: Technical Bid

In their technical bid, bidders must demonstrate their understanding of the requirement and describe how they intend to meet the technical requirements.

THE TECHNICAL PROPOSAL SHALL MEET ALL OF THE TECHNICAL REQUIREMENTS OF THE STATEMENT OF REQUIREMENT (STR) AND APPLICABLE STATEMENTS OF WORK AND ELECTRONIC ENGINEERING SPECIFICATIONS AND STANDARDS. FAILURE TO MEET THE

TECHNICAL REQUIREMENTS WILL RENDER YOUR BID NON- RESPONSIVE AND NO FURTHER CONSIDERATION WILL BE GIVEN.

Section II: Management Bid

In their management bid, bidders must describe their capability and experience, the project management team and provide client contact(s).

Section III: Support Bid

In their support bid, bidders must demonstrate their understanding of the requirement and describe how they intend to meet the support requirements (operator / maintenance training, manuals, spare parts list and plan).

Section IV : Financial Bid

1.1 Bidders must submit their financial bid on **Annex "A" - Pricing Sheet** in accordance with the following Basis of Pricing:

1.2 Basis of Pricing

All prices must be firm in Canadian dollars, Delivery Duty Paid (Destination), Goods and Services Tax or the Harmonized Sales Tax extra, transportation costs to destination and all applicable Custom Duties and Excise Taxes included.

1.2.1 Design and Equipment

The bidder must submit a firm lot price for the design and related equipment for the replacement of the Fence Disturbance Detection System at Archambault, excluding spare parts and test equipment.

1.2.2 Installation and Testing Costs

1 The bidder must submit a firm lot price. The price must include all costs, excluding travel and living, related to the installation and testing of the equipment.

2 Installation and Testing of Equipment for Emergency Repairs, Delays and Design Changes.

The bidder must submit a firm hourly rate for installation and testing during and outside normal working hours for each labour category required.

These hourly rates will apply for emergency repairs, delays and design changes and will be in effect for the entire length of any resulting contract.

Normal working hours are Monday to Friday, 7:30 to 16:30 with exception of statutory holidays.

1.2.3 Travel and living expenses associated with the installation of the equipment

The bidder must indicate if there are any expenses relating to the installation and testing of equipment (excluding training). All travel must have the prior authorization of the Technical Authority. All payments are subject to government audit.

1.2.4 On-site training as detailed in the STR.

The bidder must submit a firm lot price for on-site training session including any associated travel expenses.

1.2.5 Documentation

The bidder must submit a firm lot price for the following:

As-built drawings as detailed in STR.

Operator and Maintenance Manuals as detailed in STR.

1.2.6 Software/Integration

The bidder must submit a firm lot price for the software/integration.

1.2.7 Spare parts/Test Equipment List (s)

Spare Parts and/or Test Equipment List(s) as detailed in STR. The bidder must submit a Spare Parts and/or Test Equipment List identifying each recommended spare parts and/or test equipment required. The bidder must also submit a firm unit price for each recommended spare part required.

1.3 SACC Manual Clauses

C3011T (11/06/2013), Exchange Rate Fluctuation

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical, management, support and financial evaluation criteria specified below.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

1.1 Technical Evaluation

1.1.1 Mandatory Technical Criteria

To be declared responsive, a bid must:

- a) address on a paragraph by paragraph basis the Statement of Technical Requirements, the Statement of Work and the technical specifications, by indicating where applicable "comply, understood, noted, or not applicable". Where required, the bidder should provide additional information;
- b) comply with all of the technical requirements of the statement of requirement (STR); applicable statements of work and electronic engineering specifications and standards as well as all amendments to the bid solicitation issued prior to bid closing date;
- c) obtain the required minimum points (70%) for the technical, management and support evaluation criteria which are subject to point rating;

1.1.2 Point Rated Technical Criteria

The Technical Bid will be evaluated and rated as per Annex "B" attached.

1.2 Financial Evaluation

1.2.1 Mandatory Financial Criteria

The following **Mandatory** factors will be taken into consideration in the evaluation of each bid;

Compliance with Basis of Pricing;

Prices must be submitted for all items listed in the **Annex "A" - Pricing Sheet**.

The Aggregate Bid Price will be determined by adding the firm lot prices for items 1, 2.1, 4, 5.1, 5.2, and 6 in ANNEX "A".

2. Basis of Selection

The responsive bidder with the lowest evaluated aggregate bid price will be recommended for award of a contract.

PART 5 - CERTIFICATIONS

Bidders must provide the required certifications and documentation 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 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 with this request will also render the bid non-responsive or will constitute a default under the Contract.

1. Mandatory Certifications Required Precedent to Contract Award

1.1 Code of Conduct and Certifications - Related documentation

By submitting a bid, the Bidder certifies that the Bidder and its affiliates are in compliance with the provisions as stated in Section 01 Code of Conduct and Certifications - Bid of Standard Instructions 2003. The related documentation therein required will assist Canada in confirming that the certifications are true.

1.2 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_equality/eq/emp/fcp/list/inelig.shtml)" list (http://www.labour.gc.ca/eng/standards_equality/eq/emp/fcp/list/inelig.shtml) available from [Human Resources and Skills Development Canada \(HRSDC\) - Labour's](http://www.hrsdc.gc.ca/) 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](http://www.labour.gc.ca/eng/standards_equality/eq/emp/fcp/list/inelig.shtml)" list at the time of contract award.

2. Additional Certifications Required with the Bid

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

2.1 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

2.2 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

PART 6 - SECURITY, FINANCIAL AND OTHER REQUIREMENTS

1. Security Requirement

A site clearance is required prior to the site visit and prior to admittance to the institution. For additional information, see Part 2, Article 5 - Mandatory Site visit and Part 7, article 3, Security Requirement.

2. Financial Capability

1. Financial Capability Requirement: The Bidder must have the financial capability to fulfill this requirement. To determine the Bidder's financial capability, the Contracting Authority may, by written notice to the Bidder, require the submission of some or all of the financial information detailed below during the evaluation of bids. The Bidder must provide the following information to the Contracting Authority within fifteen (15) working days of the request or as specified by the Contracting Authority in the notice:
 - (a) Audited financial statements, if available, or the unaudited financial statements (prepared by the Bidder's outside accounting firm, if available, or prepared in-house if no external statements have been prepared) for the Bidder's last three fiscal years, or for the years that the Bidder has been in business if this is less than three years (including, as a minimum, the Balance Sheet, the Statement of Retained Earnings, the Income Statement and any notes to the statements).
 - (b) If the date of the financial statements in (a) above is more than five months before the date of the request for information by the Contracting Authority, the Bidder must also provide, unless this is prohibited by legislation for public companies, the last quarterly financial statements (consisting of a Balance Sheet and a year-to-date Income Statement), as of two months before the date on which the Contracting Authority requests this information.
 - (c) If the Bidder has not been in business for at least one full fiscal year, the following must be provided:
 - (i) the opening Balance Sheet on commencement of business (in the case of a corporation, the date of incorporation); and
 - (ii) the last quarterly financial statements (consisting of a Balance Sheet and a year-to-date Income Statement) as of two months before the date on which the Contracting Authority requests this information.
 - (d) A certification from the Chief Financial Officer or an authorized signing officer of the Bidder that the financial information provided is complete and accurate.
 - (e) A confirmation letter from all of the financial institution(s) that have provided short-term financing to the Bidder outlining the total of lines of credit granted to the Bidder and the amount of credit that remains available and not drawn upon as of one month prior to the date on which the Contracting Authority requests this information.
 - (f) A detailed monthly Cash Flow Statement covering all the Bidder's activities (including the requirement) for the first two years of the requirement that is the subject of the bid solicitation, unless this is prohibited by legislation. This statement must detail the Bidder's major sources and amounts of cash and the major items of cash expenditures on a monthly basis, for all the Bidder's activities. All assumptions made should be explained as well as details of how cash shortfalls will be financed.
 - (g) A detailed monthly Project Cash Flow Statement covering the first two years of the requirement that is the subject of the bid solicitation, unless this is prohibited by legislation. This statement must detail the Bidder's major sources and amounts of cash and the major items of cash expenditures, for the requirement, on a monthly basis. All assumptions made should be explained as well as details of how cash shortfalls will be financed.

2. If the Bidder is a joint venture, the financial information required by the Contracting Authority must be provided by each member of the joint venture.
3. If the Bidder is a subsidiary of another company, then any financial information in 1. (a) to (f) above required by the Contracting Authority must be provided by the ultimate parent company. Provision of parent company financial information does not satisfy the requirement for the provision of the financial information of the Bidder, and the financial capability of a parent cannot be substituted for the financial capability of the Bidder itself unless an agreement by the parent company to sign a Parental Guarantee, as drawn up by Public Works and Government Services Canada (PWGSC), is provided with the required information.
4. Financial Information Already Provided to PWGSC: The Bidder is not required to resubmit any financial information requested by the Contracting Authority that is already on file at PWGSC with the Cost and Price Analysis Group of the Policy, Risk, Integrity and Strategic Management Sector, provided that within the above-noted time frame:
 - a) the Bidder identifies to the Contracting Authority in writing the specific information that is on file and the requirement for which this information was provided; and
 - b) the Bidder authorizes the use of the information for this requirement.

It is the Bidder's responsibility to confirm with the Contracting Authority that this information is still on file with PWGSC.

5. Other Information: Canada reserves the right to request from the Bidder any other information that Canada requires to conduct a complete financial capability assessment of the Bidder.
6. Confidentiality: If the Bidder provides the information required above to Canada in confidence while indicating that the disclosed information is confidential, then Canada will treat the information in a confidential manner as permitted by the Access to Information Act, R.S., 1985, c. A-1, Section 20(1) (b) and (c).
7. Security: In determining the Bidder's financial capability to fulfill this requirement, Canada may consider any security the Bidder is capable of providing, at the Bidder's sole expense (for example, an irrevocable letter of credit from a registered financial institution drawn in favour of Canada, a performance guarantee from a third party or some other form of security, as determined by Canada).

3. Condition of Materiel

SACC Manual clause B1000T (26/06/2014) Condition of Materiel

PART 7 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

1. Requirement

The Contractor shall design, supply, install, test and provide operational and technical training on the replacement of the Fence Disturbance Detection System as described in the Statement of Technical Requirement (STR). The contractor shall provide acceptable documentation for the maintenance of this system.

Refer to the Statement of Technical Requirements (STR), Statements of Work and applicable Electronic Engineering Specifications and Standards. The purpose of the STR document is to define the technical aspects for the replacement of the Fence Disturbance Detection System. The STR will indicate the extent to which both general and particular CSC specifications are applicable to the implementation of this requirement.

1.1 Additional Work

The Design Authority may, at any time before issuing the final acceptance notice, order work or material in addition to that provided for in the Statement of Work. The contractor shall perform the work in accordance with such orders, deletions and changes pursuant to Part 7, Article 13 - Design Change, Additional Work of New Work and on the same terms and conditions contained or referenced herein.

1.2 Option to Purchase Spare Parts/Test Equipment

- a) The Contractor hereby grants to Canada and Canada shall retain an irrevocable option exercisable at any time during the Contract to procure any or all of the spare parts and/or test equipment described in the supplier's proposal.
- b) The Contractor shall be given a minimum of "30" working days notice in writing by the Contracting Authority indicating that Canada intends to exercise the option.
- c) The option may only be exercised by the Contracting Authority, and the exercise of the option will be evidenced through a formal Contract Amendment.
- d) Price support may be requested.

2. Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the [Standard Acquisition Clauses and Conditions](http://ccua-sacc.tpsgc-pwgsc.gc.ca/pub/acho-eng.jsp) (<http://ccua-sacc.tpsgc-pwgsc.gc.ca/pub/acho-eng.jsp>) Manual issued by Public Works and Government Services Canada.

2.1 General Conditions

2030 (25/09/2014) General Conditions - Higher Complexity - Goods

2.2 Supplemental General Conditions

4003 (16/08/2010) Licensed Software

4006 (16/08/2010) Contractor to Own Intellectual Property Rights in Foreground Information

2.3 SACC Manual Clauses

SACC Reference	Section	Date
B1501C	Electrical Equipment	16/06/2006
A9068C	Site Regulations	11/01/2010
A2000C	Foreign Nationals (Canadian Contractor)	16/06/2006
A2001C	Foreign Nationals (Foreign Contractor)	16/06/2006

3. Security Requirement

3.1 Site clearance

A site clearance is required prior to admittance to the institution. The contractor must submit completed CPIC forms for all staff who will be working at the institution(s). The duly completed and signed CPIC forms must be submitted ten (10) working days prior to start-up date as stipulated in the Statement of Technical Requirement.

3.2 Classification of this document is "Not Classified".

1. NIL security screening required, no access to sensitive information or assets. Contractor personnel will be escorted in specific areas of the institution as /where required, by authorized Correctional Service Canada personnel.
2. Contractor personnel shall submit to a local verification of identity/information, by Correctional Service Canada, prior to admittance to the institution. Correctional Service Canada reserves the right to deny access to the institution, of any Contractor personnel, at any time.

4. Term of Contract

4.1 Period of Contract

The system design, the delivery of all related equipment, the completion of all installation, testing and contract related work is to be completed at the Institution on or before (*Delivery as offered and as accepted will be inserted at contract award*)

NOTE : Date of delivery will be of the essence of any resulting contract. Your attention is drawn to article 10 of General Conditions, 2030.

The Contractor must submit a final delivery and installation schedule within 10 calendar days after the contract award date.

4.2 Shipping Instructions - Delivery at Destination

1. Shipment shall be consigned to the destination specified in and delivered:

DDP Delivered Duty Paid (Archambault Institution) Incoterms 2000 for shipments from a commercial supplier.

4.3 Inspection and Acceptance

1) Inspection

Inspection shall be carried out by the Design Authority or the authorized representative at destination.

2) Final Acceptance

a) The Contractor shall be required to present the work, for final acceptance, when such work has been designed, manufactured, delivered to site and installed and has successfully passed all tests in strict accordance with the specification and terms and conditions, and the Contractor has performed all other work and complied with all the terms and conditions of the contract.

b) Upon verification of the above, the Design Authority will by written notice to the Contractor so acknowledge, and such notice shall constitute final acceptance.

Final Inspection and acceptance will take place at destination when all goods are delivered/ services rendered, and after all deficiencies identified by the Design Authority or the authorized representative are rectified and accepted.

5. Authorities

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Steve Dumaresq
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) 956-3487
Facsimile: (819) 953-4944
E-mail address: steve.dumaresq@tpsgc-pwgsc.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.

5.2 Technical Authority (or Design Authority)

The Technical Authority for the Contract is:

will be inserted at contract
_____ (Name of Technical Authority)
_____ (Title)
_____ (Fill in Organization)
_____ (Fill in address)
Telephone: _____
Facsimile: _____
E-mail address: _____

The Technical Authority is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Technical Authority; however, the Technical Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

5.3 Contractor Contacts

Name and telephone number of the person responsible for :

General enquiries

Name: will be inserted at contract
Telephone No. will be inserted at contract
Facsimile No. will be inserted at contract
E-mail address: will be inserted at contract

Delivery follow-up

Name: will be inserted at contract
Telephone No. will be inserted at contract
Facsimile No. will be inserted at contract
E-mail address: will be inserted at contract

5.4 Warranty Repairs

The contact person for warranty repairs to be performed on site as it may be necessary is as follows:

Response Time: will be inserted at contract
Name: will be inserted at contract
Telephone No.: will be inserted at contract
Facsimile No.: will be inserted at contract
Email/Internet Address: will be inserted at contract

5.5 Emergency Services/Repairs

If requested by Correctional Service Canada, the Contractor shall be required to provide on-site emergency service/repairs not covered under the warranty provision of the General Conditions 2030 during the contract period. The emergency crew shall be paid as indicated herein. The response time shall not exceed four (4) hours. The contact person is as follows:

Name: will be inserted at contract
Telephone No.: will be inserted at contract
Facsimile No.: will be inserted at contract
Email/Internet Address: will be inserted at contract

6. Payment

6.1 Basis of Payment

The Contractor will be paid the firm lot prices for the equipment, installation and testing, travel expenses, on-site training, as-built drawings and manuals for the work specified in the Contract. Customs duties are included and Goods and Services Tax or Harmonized Sales Tax is extra, if applicable.

The Contractor will be paid a firm hourly rate for each labor category specified for the installation and testing for normal and outside working hours associated with emergency repairs, delays, design changes and unscheduled work arisings.

Travel and living expenses for emergency repairs, delays and design changes during the performance of the contract will be paid without any allowance for overhead or profit. These costs will be reimbursed in accordance with Treasury Board directives in effect at time of travel. The payments are subject to Government Audit. All travel must receive prior authorization from the Project Authority.

6.2 Limitation of Price

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

6.3 Insurance

The Contractor is responsible for deciding if insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any insurance acquired or maintained by the Contractor is at its own expense and for its own benefit and protection. It does not release the Contractor from or reduce its liability under the Contract.

6.4 Method of payment - (including design changes payments)

6.4.1 Milestone Payments

1. Canada will make milestone payments in accordance with the Schedule of Milestones detailed in the Contract and the payment provisions of the Contract, up to 90 percent of the amount claimed and approved by Canada if:

- (a) an accurate and complete claim for payment using form PWGSC-TPSGC 1111 (<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/1111.pdf>) and any other document required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- (b) the total amount for all milestone payments paid by Canada does not exceed 90 percent of the total amount to be paid under the Contract;
- (c) all the certificates appearing on form PWGSC-TPSGC 1111 have been signed by the respective authorized representatives;
- (d) all work associated with the milestone and as applicable any deliverable required have been completed and accepted by Canada.

2. The balance of the amount payable will be paid in accordance with the payment provisions of the Contract upon completion and delivery of all Work required under the Contract if the Work has been accepted by Canada and a final claim for the payment is submitted.

6.4.2 Schedule of Milestones

The schedule of milestones for which payments will be made in accordance with the Contract is as follows:

- 1st milestone: design of the system (less 10% holdback);
- Institution Name
100% Design (as per Annex A, Item 1)
- 2nd milestone: delivery of equipment (less 10% holdback);
- Institution Name
100% Equipment (as per Annex A, Item 1)

3rd milestone: completion of 50% of installation, including travel and living expenses (less 10% holdback);
- Institution Name
50% Installation (as per Annex A, Item 2)
Applicable Travel and Living (as per Annex A, Item 3)

4th milestone: installation completion, software I integration and testing, including travel and living expenses (less 10% holdback);
- Institution Name
Installation Completion (as per Annex A, Item 2)
100% Software integration and Testing (as per Annex A, Item 2 (2.1) and Item 6.)
Applicable Travel and Living (as per Annex A, Item 3)

5th milestone: on-site training and documentation (less 10% holdback);
- Institution Name
100% On-site training (as per Annex A, Item 4)
100% Documentation (as per Annex A, Item 5 (5.1 and 5.2))
Applicable Travel and Living (as per Annex A, Item 3)

6th milestone: holdbacks.

6.5 Method of Payment - Emergency repairs and delays payments

6.5.1 Single Payment

Canada will pay the Contractor upon completion and delivery of the Work in accordance with the payment provisions of the Contract if:

- a) an accurate and complete invoice and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- b) all such documents have been verified by Canada;
- c) the Work delivered has been accepted by Canada.

6.5.2 Travel and living Expenses - Emergency repairs, delays and design changes payments

The Contractor will be reimbursed its authorized travel and living expenses reasonably and properly incurred in the performance of the Work, at cost, without any allowance for profit and/or administrative overhead, in accordance with the meal, private vehicle and incidental expenses provided in Appendices B, C and D of the Treasury Board Travel Directive (http://www.tbs-sct.gc.ca/pubs_pol/hrpubs/TBM_113/td-dv_e.asp), and with the other provisions of the directive referring to "travellers", rather than those referring to "employees".

All travel must have the prior authorization of the Technical Authority.

All payments are subject to government audit.

7. Invoicing Instructions

7.1.1 Invoicing Instructions - Progress Claim (including design changes payments)

1. The Contractor must submit a claim for payment using form PWGSC-TPSGC 1111 (<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/formulaires-forms-eng.html>).

Each claim must show:

- (a) all information required on form PWGSC-TPSGC 1111;
 - (b) all applicable information detailed under the section entitled "Invoice Submission" of the general conditions;
 - (c) the description and value of the milestone claimed as detailed in the Contract.
2. Goods and Services Tax or Harmonized Sales Tax (GST/HST), as applicable, must be calculated on the total amount of the claim before the holdback is applied. At the time the holdback is claimed, there will be no GST/HST payable as it was claimed and payable under the previous claims for progress payments.
 3. The Contractor must prepare and certify one original and two (2) copies of the claim on form PWGSC-TPSGC 1111, and forward it to the Technical Authority identified under the section entitled "Authorities" of the Contract for appropriate certification after inspection and acceptance of the Work takes place.

The Technical Authority will then forward the original and two (2) copies of the claim to the Contracting Authority for certification and onward submission to the Payment Office for the remaining certification and payment action.

4. The Contractor must not submit claims until all work identified in the claim is completed.

7.1.2 Invoicing Instructions - Emergency repairs and delays payments

1. The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the claim is completed.

2. Claims must be distributed as follows:

- (a) The original and two (2) copies must be forwarded to the following address for certification and payment:

Correctional Service Canada
340 Laurier Avenue West
Ottawa, Ontario
K1A 0P9
Attn: Rachel Crete

- (b) One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

8. Certifications

Compliance with the certifications provided by the Contractor in its bid is a condition of the Contract and subject to verification by Canada during the entire contract period. If the Contractor does not comply with any certification or it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

9. Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

10. Meetings

A meeting may be convened after contract award at a location to be determined by the Contracting Authority to review contractual and technical requirements. The Contractor will be responsible for the preparation and distribution of the minutes of meeting. The meeting will be held with representatives of the Contractor, the Department of Public Works and Government Services and Correctional Service Canada.

11. Contractor's Facilities

The Contracting Authority and the Design Authority, or their delegated representative shall be afforded access to the Contractor's plant and all other premises where pertinent processes are being performed.

12. Delay by Canada

In the event that an installation crew proceeds to the site but is unable to perform the work due to an inmate disturbance or other delays caused by Canada at the site, the Contractor shall immediately notify the Design Authority. The cost of holding the installation crew on standby shall be paid as indicated herein. In no event shall a crew remain on standby for more than four (4) hours per day without prior authorization.

13. Procedures for Design Change or Additional Work

The Contractor must follow these procedures for any proposed design change/deviation to contract specifications.

The Contractor must complete Part 1 of form PWGSC-TPSGC 9038, Design Change/Deviation, and forward one (1) copy to the Technical Authority and one (1) copy to the Contracting Authority.

The Contractor will be authorized to proceed upon receipt of the design change/deviation form signed by the Contracting Authority. A contract amendment will be issued to incorporate the design change/deviation in the Contract.

14. Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- (a) the Articles of Agreement;
- (b) Supplemental General Conditions 4003 (16/08/2010) - Licensed Software;
- (c) Supplemental General Conditions 4006 (16/08/2010) - Contractor to Own Intellectual Property Rights in Foreground Information;
- (d) General Conditions 2030 (25/09/2014) General Conditions - Higher Complexity - Goods;
- (e) Statement of Technical Requirement
- (f) Annex "A", Pricing Sheet;
- (g) the Contractor's bid dated (*will be inserted at contract*).

15. After Sales Services

The Contractor certifies that it is capable of providing after sales service, subsequent to the warranty period, including servicing personnel and facilities during the lifetime expectancy of the equipment.

16. Lifetime Spares

It shall be a condition of any contract resulting herefrom that the Contractor undertakes to supply spare parts for the equipment proposed during the life expectancy of the equipment.

Life of the equipment: *(will be inserted at contract)* years.

Should the Contractor discontinue the manufacture of the equipment being procured during the life expectancy of the equipment, it shall notify Canada sufficiently in advance to permit the purchase of spares for the remaining life of the equipment or, at the discretion of Canada, either make satisfactory arrangements with a third party to establish a continuing source of spares or provide to Canada, at no charge, a non-exclusive royalty free license to manufacture and have manufactured for its own use spare parts, and provide copies of all drawings, technical information, specifications, manufacturing instructions and patterns necessary to manufacture the spares.

17. Disclosure of Information

The Contractor shall keep confidential and shall not publish or otherwise reuse, release, disclose or make available to any third party any Background or Foreground Information concerning “**as built drawings**”, **site drawings and manuals**, except as may be necessary to carry out the work under the Contract in which case the Contractor shall impose the same obligation of confidentiality on any person to whom the information is disclosed.

18. T1204 - Information Reporting by Contractor

1. Pursuant to paragraph 221 (1)(d) of the Income Tax Act, R.S.C. 1985, c.1 (5th Supp.), payments made by departments and agencies to contractors under applicable services contracts (including contracts involving a mix of goods and services) must be reported on a T1204 Government Service Contract Payments slip.
2. To enable departments and agencies to comply with this requirement, the Contractor must provide the following information within 45 calendar days from date of contract award:
 - (a) the legal name of the Contractor, i.e. the legal name associated with its business number or Social Insurance Number (SIN), as well as its address and postal code;
 - (b) the status of the Contractor, i.e. an individual, a sole proprietorship, a corporation, or a partnership;
 - (c) the business number of the Contractor if the Contractor is a corporation or a partnership and the SIN if the Contractor is an individual or a sole proprietorship. In the case of a partnership, if the partnership does not have a business number, the partner who has signed the Contract must provide its SIN;
 - (d) in the case of a joint venture, the business number of all parties to the joint venture who have a business number or their SIN if they do not have a business number.
3. The information must be sent to the person and address specified below. If the information includes a SIN, the information should be provided in an envelope marked "PROTECTED".

Contact: [Anne Boisvenue](#)

Address: 340 Laurier Avenue West, Ottawa, Ontario, K1A 0P9

ANNEX "A"

PRICING SHEET

**FENCE DISTURBANCE DETECTION
SYSTEM REPLACEMENT
ARCHAMBAULT INSTITUTION**

All prices must be firm in Canadian dollars, Delivered Duty Paid (Archambault Institution), Goods and Services Tax or the Harmonized Sales Tax extra, transportation costs to destination and all applicable Custom Duties and Excise Taxes included.

1. DESIGN AND EQUIPMENT

Firm Lot Price for the design and all related equipment, excluding spare parts.

<i>DESIGN -</i>	<i>FIRM LOT PRICE</i>	\$ _____
<i>EQUIPMENT -</i>	<i>FIRM LOT PRICE</i>	\$ _____

2. INSTALLATION AND TESTING COSTS

2.1 The price must include all costs excluding travel and living expenses, related to the installation and testing of the equipment.

<i>INSTALLATION -</i>	<i>FIRM LOT PRICE</i>	\$ _____
<i>TESTING COST -</i>	<i>FIRM LOT PRICE</i>	\$ _____

2.2 INSTALLATION AND TESTING OF EQUIPMENT (FIRM HOURLY RATES)

The following outlined labour rates will apply for emergency repairs, delays and design changes.

Labour Categories	Hourly Rate During	Hourly Rate Outside
_____	\$ _____	\$ _____
_____	\$ _____	\$ _____
_____	\$ _____	\$ _____
_____	\$ _____	\$ _____

The bidder must submit a firm hourly rate for installation and testing during and outside normal working hours for each labour category required.

3. TRAVEL AND LIVING EXPENSES ASSOCIATED WITH THE INSTALLATION AND TESTING OF THE EQUIPMENT

Institution	FIRM LOT PRICE
Travel required ___yes ___no Estimated Number of Individuals _____ Estimated Number of Days _____	Payable as per Treasury Board Travel Directive

4. ON-SITE TRAINING

Firm Lot Price excluding travel and living expenses as per STR paragraphs 5.1 and 5.2.

FIRM LOT PRICE \$ _____

5. DOCUMENTATION

5.1 AS-BUILT DRAWINGS

Firm lot price for As-Built drawings as per STR, paragraph 5.4.

FIRM LOT PRICE \$ _____

5.2 OPERATOR AND MAINTENANCE MANUALS

Firm lot price for all operator and maintenance manual documentation packages as per STR, paragraph 5.3.

FIRM LOT PRICE \$ _____

6. SOFTWARE/INTEGRATION

Firm Lot Price the software/integration as indicated in the STR, 5.5.

FIRM LOT PRICE \$ _____

TOTAL BID PRICE (Sum of items 1, 2.1, 4, 5.1, 5.2 and 6) \$ _____

OPTION

7. SPARE PARTS AND/OR TEST EQUIPMENT

The bidder must submit a spare parts and/or test equipment list identifying each recommended spare parts and/or test equipment deemed required. The bidder must also submit a firm unit price for each recommended spare parts required.

FIRM LOT PRICE \$ _____

ANNEX "B"

POINT RATED TECHNICAL EVALUATION CRITERIA

1. Point Rated Technical Proposal Criteria

The Bidder must obtain an overall pass score of 70 percent of the Technical Proposal. The rating is performed on a scale of 100 points. The Technical Proposal should include, but not be limited to:

Point Rated Technical Proposal Criteria	Maximum Points
<p>1. Understanding of the Technical Requirements An understanding of the technical requirements of the system which could include preliminary drawings, diagrams, photographs and sketches showing system architecture, equipment configuration, and technical information/literature/brochure on products offered.</p> <p>(0 Points) Has not demonstrated that the Bidder understands the requirements. The Bidder has misjudged the scope of the work required. We are left with many questions. The proposal is vague.</p> <p>(or 10 Points) The proposal indicates that the Bidder generally understands the main concept of what is required but there are some questions that arise.</p> <p>(or 20 Points) The proposal indicates that the Bidder understands the main concept of what is required. The Bidder's solution meets the operability requirements, environmental requirements, reliability and maintainability requirements, and the testing and validation requirements.</p> <p>(or 30 Points) It is very clear that the Bidder understands exactly what is required and the proposed solution exceeds the requirement in some areas.</p>	<p>30</p>
<p>2. Compliance with the Statement of Technical Requirements (STR) Paragraph by paragraph compliance the Statement of Technical Requirements (STR), Statements of Work (SOW), Specifications and Standards of how each requirement will be met.</p> <p>(0 Points) Has not demonstrated that the Bidder complies with the requirements. The Bidder has misjudged the scope of the work required. We are left with many questions. The proposal is vague.</p> <p>(or 15 Points) The proposal indicates that the Bidder generally complies with the requirements but there are some questions that arise.</p> <p>(or 30 Points) The proposal indicates that the Bidder complies with the requirements. The Bidder's solution meets the operability requirements, reliability and maintainability requirements, and the testing requirements.</p> <p>(or 40 Points) It is very clear that the Bidder complies exactly what is required and the proposed solution exceeds the requirement in some areas.</p>	<p>40</p>

<p>3. Quality Assurance and Acceptance Test Plan Description of the proposed quality assurance procedures/processes, and acceptance test plan(s) to ensure quality requirements are met and how the bidder intends to demonstrate to the Crown that the system functions correctly, both in the plant (Factory Acceptance Testing) and after installation (Site Acceptance Testing), a detailed list of tests to be performed with pass/fail parameters. Maximum points are broken down as follows:</p>	20
<p>3.1 Quality Assurance (10 Points) How the Bidder intends to ensure quality requirements are met, a description of inspection, testing, and documentation procedures as well as quality metrics.</p> <p>(0 Points) The scope does not address the applicable products, the quality objective, limitations and validity conditions.</p> <p>(or 7 Points) The proposal indicates when how and by whom the quality requirements are to be reviewed results recorded/analyzed and conflicts resolved. The proposal indicates how documents and data are to be controlled. The proposal indicates relevant quality control for important purchases. The proposal indicates how the production, assembly and on-site installation processes will be controlled to ensure quality requirements are met.</p> <p>(or 10 Points) On top of the criteria above the proposal indicates how measuring and test equipment is controlled and describes the format and test results to be provided. The proposal indicates how non-conforming products are identified and controlled to prevent misuse until proper disposal.</p>	
<p>3.2 Acceptance Test Plan (10 Points) How the bidder intends to demonstrate to the Crown that the system functions correctly, both in the plant (Factory Acceptance Testing) and after installation (Site Acceptance Testing), a detailed list of tests to be performed with pass/fail parameters.</p> <p>(0 Points) The Bidder has not addressed the requirements for testing the system.</p> <p>(or 7 Points) The Bidder has provided test sheets and only pass/fail parameters, but has not provided specific parameters for testing the elements of the system.</p> <p>(or 10 Points) The Bidder has provided test sheets, pass/fail parameters as well as specific parameters, and has demonstrated that the system will be fully tested, both in the factory and on site.</p>	
<p>4. Technical Risk Elements How the Bidder intends to meet the technical requirements, a description of the technical risks elements detailing how the bidder can mitigate them.</p> <p>(0 Points) The Bidder has not identified technical risk elements or technical risk mitigation.</p> <p>(or 4 Points) The Bidder has identified technical risk elements but the Bidder does not provide a technical risk mitigation plan. The Bidder has a risk management process.</p> <p>(or 7.5 Points) The Bidder has identified technical risk elements, provided a risk mitigation plan and has a risk management process.</p>	10

(or 10 Points) The Bidder has a technical risk management process and has addressed project risks. Management, schedule, scope changes, cost overruns, cash flow, and resources issues are addressed. The impact of the technical risks is identified. The identified technical risks are associated with the bidder, supplier, subcontractor, customer, integration, or equipment performance. Mitigation strategies are described for the identified technical risks. Decision points are identified for any project mitigation approaches. Mitigation approaches support the requirements of the project.	
Total Technical Proposal (maximum 100 Points)	

2. Point Rated Project Management Proposal Criteria

The bidder must obtain an overall pass score of 70 percent for the Project Management Proposal. The rating is performed on a scale of 100 points. The Project Management Proposal should include, but not be limited to:

Point Rated Project Management Proposal Criteria	Maximum Points
<p>1. Previous Project Management Experience Identification of the bidder, project manager, project supervisor and technicians. Detailed description of the qualification and previous experience pertaining to similar projects in terms of size, tasks, clients, responsibilities etc. Maximum points are broken down as follows:</p>	40
<p>1.1 Experience of the bidder within the last four (4) years. (10 Points) Similar project(s) must have been completed successfully; experience pertaining to the following: a. similarity of project in terms of scope and/or clients; b. dollar value over \$ 100K; c. Installation; d. training; e. drawings; and f. manuals.</p> <p>(0 Points) Bidder has experience with only three elements. (or 4 Points) Bidder has experience with only four of the elements. (or 7.5 Points) Bidder has experience with five or more of the elements. (or 10 points) Bidder has experience with six elements.</p>	
<p>1.2 Range of experience within the last four (4) years in the design, supply, installation and integration of systems similar to those described in the Statement of Technical Requirements (STR). (10 Points)</p> <p>(0 Points) Bidder has no experience in the design, supply, installation and integration of the systems similar to those described in the Statement of Technical Requirements (STR). (or 4 Points) Bidder has experience in the design, supply, installation and integration of the systems similar to those described in the Statement of Technical Requirements (STR) for private industry or provincial government.</p>	

<p>(or 7.5 points) Bidder has experience in the design, supply, installation and integration of the systems similar to those described in the Statement of Technical Requirements (STR) for correctional services or similar organizations.</p> <p>(or 10 Points) Bidder has experience in the design, supply, installation and integration of the systems similar to those described in the Statement of Technical Requirements (STR) for Correctional Service Canada (CSC).</p>	
<p>1.3 Project Manager's Overall Experience (years, size of project & complexity) and Qualifications. (10 Points)</p> <p>(0 Points) The project manager has no experience in project management of similar projects.</p> <p>(or 4 Points) The project manager has less than four (4) years experience in project management of similar projects and does not hold any Project Management Institute (PMI) certification.</p> <p>(or 7.5 Points) The project manager has 4 to 10 years experience in the management of projects of equal size or complexity and the project manager holds a Project Management Institute (PMI) certification or the project manager has over 15 years of experience in the management of projects of equal size and complexity or similar scope.</p> <p>(or 10 Points) The project manager has more than 10 years experience in the management of projects of equal size and complexity or similar scope and the project manager holds a Project Management Institute (PMI) certification, MBA or comparable credentials.</p>	
<p>1.4 Supervisor's Overall Experience (years, size of project & complexity) and Qualifications. (5 Points)</p> <p>(0 Points) The supervisor has no experience as a project supervisor of similar projects.</p> <p>(or 2 Points) The supervisor has less than four (4) years experience as a project supervisor of similar projects and does not hold any Project Management Institute (PMI) certification.</p> <p>(or 3.5 points) The supervisor has 4 to 10 years experience in supervising projects of equal size or complexity. The supervisor holds a Project Management Institute (PMI) certification or comparable credentials.</p> <p>(or 5 Points) The supervisor has more than 10 years experience in supervising in projects of equal size or complexity. The supervisor holds Project Management Institute (PMI) certification or comparable credentials.</p>	
<p>1.5 Technicians' Overall Experience (years, size of project & complexity) and Qualifications. (5 Points)</p> <p>(0 points) The technicians have no experience with similar projects.</p> <p>(or 2 Points) The technicians have less than four (4) years experience with similar projects and do not hold any Technician Diploma in any of the electrical, electro-mechanical, electronic or mechanical field.</p> <p>(or 3.5 Points) The technicians have 4 to 10 years experience in engineering in projects</p>	

<p>of equal size or complexity. The technicians hold Technician Diploma in any of the electrical, electro-mechanical, electronics or mechanical field.</p> <p>(or 5 Points) The technicians have more than 10 years experience in engineering in projects of equal size or complexity. The technicians hold a Technical Diploma in any of the electrical, electro-mechanical, electronics, mechanical or telecommunications field.</p>	
<p>2. Project Management Structure and Procedures Project management structure and procedures describing the implementation of this project. Maximum points are broken down as follows:</p>	30
<p>2.1 Project Management Organization and Responsibilities. (10 Points) This refers only to management personnel and the way that the bidder plans to organize the project team for this contract.</p> <p>(0 Points) No organization in place and no plans to designate a separate project management team.</p> <p>(or 4 Points) No project management organization in place but has a well-developed plan in place to set up a team of trained personnel.</p> <p>(or 7.5 Points) There is a project management organization/structure defined with 'matrix' personnel resources that can be made available to this project. Personnel are identified for the positions of Project Manager, the Project Supervisor, technicians and electricians. Their responsibilities are defined.</p> <p>(or 10 points) Project management team structure is well defined with a back-up team. Their responsibilities are defined. Personnel resources are identified and tied to specific tasks.</p>	
<p>2.2 Project Management Procedures. (20 Points) This factor will rate the Bidders on their systems used to implement project management.</p> <p>(0 points) The Project Management (PM) implementation is not addressed.</p> <p>(or 7.5 Points) The PM implementation is addressed but the bidder has not provided sufficient details to demonstrate that a PM system is in place.</p> <p>(or 15 Points) A PM system is in place that will allow the bidder to manage the project. Bidder has supplied a detailed plan of his PM implementation.</p> <p>(or 20 Points) A well working PM system is in place and being used successfully. The PM system closely tracks status and progress of tasks. Project management based on PERT/CM techniques. Work breakdown structure is linked to project management.</p>	
<p>3. Schedule, Milestones and Project Management Tools A project schedule of events for all deliverables with milestones and rationale of how realistic and achievable they are. Availability and usage of a Project Management specific tool and capability of supporting a secure customer facing portal that provides real time access to project specific information. Maximum points are broken down as follows:</p>	20

<p>3.1 Schedule/Milestones (10 Points) A project schedule/schedule of events for all deliverables with milestones and rationale of how realistic and achievable they are including tools for addressing project slippage.</p> <p>(0 Points) No schedule is proposed or the proposal is lacking in 3 of the following areas: 1) major milestones are identified; 2) logical sequence; 3) contingency time identified; 4) time estimates are realistic.</p> <p>(or 5 Points) The proposed schedule is lacking in no more than 2 of the following areas: 1) major milestones are identified; 2) logical sequence; 3) contingency time identified; 4) time estimates are not realistic.</p> <p>(or 7.5 Points) The proposed schedule meets all of the following: 1) major milestones are identified; 2) logical sequence; 3) contingency time identified; 4) time estimates are realistic. The proposed schedule contains milestones, significant contract events, projected delivery dates and production schedules. The schedule is realistic and achievable, may lack of contingency time.</p> <p>(or 10 points) The proposed schedule meets all of the following: 1) major milestones are identified; 2) logical sequence; 3) contingency time identified; 4) time estimates are realistic. The proposed schedule contains milestones, significant contract events, projected delivery dates and production schedules. The schedule is realistic and achievable, with contingency time is built in.</p>	
<p>3.2 Project Management Tools. (10 Points) This factor will rate the Bidder on their availability and usage of a Project Management specific tool and capability of supporting a secure customer facing portal that provides real time access to project specific information.</p> <p>(0 Points) The Bidder has not identified the Project Management specific software.</p> <p>(or 7.5 points) The Bidder has identified the specialized PM software but does not support a secure customer facing portal that provides real time access to project specific information.</p> <p>(or 10 points) The Bidder has identified the specialized PM software and supports a secure customer facing portal that provides real time access to project specific information including schedules, reports and meeting minutes.</p>	
<p>4. Project Risks A description of the project risks related to the proposed approach and processes for managing all project risk elements (such as resources, cost, schedule and all external elements) of the project detailing how well the Bidder understands the project risks and how they propose to mitigate them.</p> <p>(0 points) The Bidder has not identified project risks or risk mitigation.</p> <p>(or 4 Points) The Bidder has identified project risks but the Bidder does not provide a risk mitigation plan. The Bidder has a risk management process. Project risks are identified and there is a mitigation plan for any high risk items.</p> <p>(or 7.5 Points) The Bidder has identified project risks and the Bidder has proposed a risk mitigation plan. The Bidder has a risk management process. Project risks are identified and there is a mitigation plan for any high risk items.</p>	<p>10</p>

(or 10 points) The Bidder has a risk management process and has addressed project risks. Management, schedule, scope changes, cost overruns, cash flow, and resources issues are addressed. The impact of the risks is identified. The identified risks are associated with the bidder, subcontractor, customer, integration, or equipment performance. Mitigation strategies are described for the identified risks. Decision points are identified for any project mitigation approaches. Mitigation approaches support the requirements of the project.	
Total Project Management Proposal (maximum 100 Points)	

3. Point Rated Support Proposal Criteria

The bidder must obtain an overall pass score of 70 percent for the Support Proposal. The rating is performed on a scale of 100 points. The Support Proposal should include, but not be limited to:

Point Rated Support Proposal Criteria	Maximum Points
<p>1. Operator Training Plan Outline, Training and Manuals An understanding of the Operator Training requirements. Description of the proposed training plan, approach, team and information to meet the Operator training requirements. Maximum points are broken down as follows:</p>	45
<p>1.1 Operator training plan outline. (15 Points)</p> <p>(0 Points) The operator training plan outline does not meet the requirements.</p> <p>(or 10 points) The operator training plan outline meets the requirements.</p> <p>(or 15 Points) The operator training plan outline meets and exceeds the requirements.</p>	
<p>1.2 Training approach, methodology and team. (15 Points)</p> <p>(0 Points) Has not demonstrated that the Bidder understands the objective and that the Bidder has misjudged the scope of the work required. The proposal does not meet the training requirements.</p> <p>(or 6 Points) The proposal meets the training requirements and the training team is identified. The training approach meets the requirements.</p> <p>(or 12 Points) The proposal meets and exceeds the training requirements and they have a well established training team with proven processes.</p> <p>(or 15 Points) The proposal meets and exceeds the training requirements and they have a well established training team with proven processes and the proposal identifies different training levels and different training outlines to meet the needs of different levels of operators.</p>	
<p>1.3 Manuals. (15 Points)</p> <p>(0 Points) The information does not meet the requirements.</p> <p>(or 10 Points) The information meets the requirements.</p>	

(or 15 Points) The information meets and exceeds the requirements.	
2. Maintenance Personnel Training Outline, Training and Manuals An understanding of the Maintenance Training requirements. Description of the proposed training plan, approach, team and information to meet the Maintenance training requirements. Maximum points are broken down as follows:	45
2.1 Maintenance Training Plan outline. (15 Points) (0 Points) The maintenance training plan outline does not meet the requirements. (or 10 Points) The maintenance training plan outline meets the requirements. (or 15 Points) The maintenance training plan outline meets and exceeds the requirements.	
2.2 Training Approach, Methodology and Team. (15 Points) (0 Points) Has not demonstrated that the Bidder understands the objective and that the Bidder has misjudged the scope of the work required. The proposal does not meet the training requirements. (or 10 Points) The proposal meets the training requirements and the training team is identified. The training approach meets the requirements. (or 15 Points) The proposal meets and exceeds the training requirements and they have a well established training team with proven processes.	
2.3 Manuals (15 Points) (0 Points) The information does not meet the requirements. (or 10 Points) The information meets the requirements. (or 15 points) The information meets and exceeds the requirements.	
3. Spare Plan and Spare Parts List An understanding of the Spare Plan and spare parts requirements. Description of the proposed Spare Plan and Spare Parts List approach, and information to meet the Spare Plan and Spare Parts List Requirement. (0 Points) The spare plan and spare parts list are not provided. (or 4 Points) The spare plan and spare parts list are incomplete. (or 7.5 Points) The spare plan and spare parts list meet the requirement. (or 10 Points) The spare plan and spare parts list exceeds the requirement.	10
Total Support Proposal (maximum 100 Points)	

**Correctional Service Canada
Technical Services Branch
Electronics Systems**

**Issue 1
October, 2014**

**STATEMENT OF
TECHNICAL REQUIREMENTS
FENCE DISTURBANCE DETECTION
SYSTEM REPLACEMENT
AT
ARCHAMBAULT INSTITUTION**

AUTHORITY

This Statement of Technical Requirements is approved by Correctional Service Canada (CSC) for the replacement of the existing Fence Disturbance Detection System at Archambault Institution.

Prepared by:

**Manager,
Electronics Systems Research**

Approved by:

**Director,
Electronic Security Systems**

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ABBREVIATIONS

The following abbreviations are used in this specification:

ATP	Acceptance Test Procedure
CCTV	Closed Circuit Television
CER	Common Equipment Room
CSC	Correctional Service Canada
DA	Design Authority
FDS	Fence Disturbance Detection System
MCCP	Main Communications and Control Post
PIDS	Perimeter Intrusion Detection System
PIU	PIDS Integration Unit

DEFINITIONS

The following definitions are used throughout this specification:

Abbreviation	Expansion
Contractor	The contractor shall be interpreted as a firm providing systems, installations, construction and/or associated services to CSC
Design Authority	The Director, Engineering Services (DES) is accountable for all electronic engineering policy and services.
Materiel Management	The Director of Material Management (DMM) is the CSC contractual authority. DMM has the authority to requisition goods and services from PW&GSC
Project Manager	The PM is an individual providing project management and/or electronic engineering services to CSC on a contract basis.
PW&GSC	PW&GSC is the government purchasing agent and has contractual authority for the procurement of systems and installations.

1.0 INTRODUCTION

1.1 General

The Correctional Service Canada (CSC) has a requirement to replace the existing fence disturbance detection system (FDS) on the perimeter of the Archambault Institution, located near Ste-Anne-des-Plaines, QC. The new FDS will continue to be integrated with the existing Perimeter Intrusion Detection System (PIDS) Integration Unit (PIU) in the Main Communication and Control Post (MCCP).

The existing FDS system was installed in the 2003/04 fiscal year and has operated effectively over the years. However, this perimeter detection system has reached the end of its effective life cycle and has to be replaced.

The Archambault Institution is a medium security facility; work will have to be accomplished with minimum disruption to the daily operation and security of the institution. To satisfy this requirement, the existing perimeter detection system must remain operational as long as possible to ensure the integrity of the perimeter security. The new system is to be completely installed, and tested, prior to cutover. Cutover is to take no more than 24 hours.

1.2 Scope

The contractor shall design, supply, install, test and provide operational and technical training on an FDS as described in this STR and shall integrate the new detection system into the existing PIU. The contractor shall provide acceptable documentation for the operation and the maintenance of this equipment.

1.3 Requirement

The purpose of this Statement of Technical Requirement (STR) is to define the technical aspects for the removal of the existing perimeter detection system and the installation of the new FDS on the perimeter of the institution.

This STR will indicate the extent to which both general and particular CSC specifications are applicable to the implementation of this requirement.

1.4 Technical Acceptability

The Correctional Service Canada (CSC) operational environment is unique for its diversity of locations, climate exposures and the physical restrictive construction techniques of penal institutions. Maintaining national security, the safety of staff and offenders alike is CSC's commitment to the government and public. Electronic security systems operating in this unique environment shall maintain very high standards of dependability and reliability.

The CSC Engineering Services Division has established technical specifications and equipment standards for specific electronic security systems which are based on very specific and restrictive operational performance criteria as detailed in its Electronic Engineering Standard. Technical acceptability of these systems means that the equipment complies with the pertinent CSC specifications and standards.

1.5 **Site Visit**

The Design Authority, or the authorized representative, shall coordinate the site visit, and identify to the contractors the exact locations of the equipment.

The visit may be useful to determine:

- a. The exact location and mounting of the FDS equipment on the perimeter fence;
- b. The exact location and layout of the interface equipment in the CER;
- c. The space, power, spare cable pairs, etc. which are available at the equipment mounting locations;
- d. The conduit and cable requirements for power and data signals to the FDS and other equipment locations;
- e. The number and length of the PIDS perimeter zones; and
- f. Identify the requirement for additional rack units.

2.0 APPLICABLE DOCUMENTS

2.1 Applicability

The provisions contained in the documents listed in the following paragraphs shall apply to all aspects of this requirement, unless these provisions have been exempted or modified by this STR.

2.2 Specifications

The following specifications form part of this STR:

- a. ES/SPEC-0005 Specification for Electronic Systems Integration into the Main Communications and Control Post in Federal Correctional Institutions
- b. ES/SPEC-0101 Specification for a Public Address System
- c. ES/SPEC-0400 Specification for Perimeter Intrusion Detection Systems
- d. ES/SPEC-0402 Specification - PIDS Public Address Systems
- e. ES/SPEC-0405 Specification for a Fence Disturbance Detection System
- f. ES/STD-0401 Standard for Fence Sensors
- g. ES/SOW-0101 Statement of Work for Installation of Electronic Systems
- h. ES/SOW-0102 Statement of Work for Quality Control of Electronic Systems Installations
- i. EIA-310-C Electronic Industry Association Standard for Racks, Panels and Associated Equipment

2.3 Non-Applicable Specifications

The following standards and specifications are referenced within other standards and specifications but are not applicable to this procurement.

- a. ES/STD-0402 Standard for a Buried Line Sensor
- b. ES/STD-0403 Standard for a Line-of-Sight Sensor
- c. ES/STD-0404 Standard for a Proximity Sensor
- d. ES/STD-0802 Standards - Display and Control Panel
- e. ES/STD-0803 Standards - Video Display Unit

-
- f. ES/SPEC-0103 Specification - Uninterruptable Power Supplies
 - g. ES/SPEC-0201 Specification - SIDS Closed Circuit Television Systems
 - h. ES/SPEC-0300 Specification - Two Way Radio Communications Systems
 - i. ES/SPEC-0403 Specification - PIDS Video Switchers
 - j. ES/SPEC-0409 Specification for PIDS Closed Circuit Television Systems
 - k. ES/SPEC-0800 Specification - Communications and Control Console
 - l. ES/SOW-0103 Statement of Work - Design Criteria for Electronic Systems

2.4 **Language**

The language at the Archambault Institution is French; all PIU display and control information as well as operator documentation for this institution shall be in French. The maintenance manuals and as-built drawings shall be provided in English only. Training and documentation shall be provided as per Paragraphs 5.1 through 5.4.

3.0 OPERATIONAL CRITERIA

3.1 General

The operational parameters of the FDS shall meet the performance and operational requirements in accordance with the ES/SPEC-0405 Specification. The operation of the PIU shall not be affected by upgrading the FDS.

4.0 TECHNICAL REQUIREMENTS

4.1 Existing Perimeter Detection Systems

4.1.1 Fence Detection System

There are a number of Fence Disturbance Detection System (FDS) sectors on the perimeter fence. The FDS processor is located in the common equipment room (CER) and detection cable is attached to the outer fence. The signal cable is routed along the fence to the MCCP and the FDS sectors are displayed on the PIU.

4.1.2 Motion Detection System

There are a number of Motion Detection System (FDS) sectors, supported by buried sensor cable between the two fences. The MDS processor is located in the common equipment room. The power and data cable is routed along the fence to the MCCP and the MDS sectors are displayed on the PIU.

4.1.3 Closed Circuit Television (CCTV)

There are a number of CCTV cameras providing surveillance of the perimeter. These cameras are used for the institution perimeter alarm verification and assessment. The video and power cables are in conduits which are buried in the ground near the base of the outer perimeter fence. The video signals from the cameras are passed to the MCCP and the camera field of views are displayed on the PIU monitors.

4.2 Existing Perimeter Systems

The contractor shall test the operational characteristics of all existing PIU equipment and systems, relating to the Project, prior to integration and provide a written record of those tests for the Crown.

The contractor must identify any operational deficiency of equipment being integrated or else risk being held accountable for system deficiencies during the FDS commissioning period.

4.3 **Removal Existing Fence Disturbance Detection System**

The contractor shall remove all of the following existing equipment :

- a. the FDS cables located on the fence;
- b. the cables between the perimeter and the CER;
- c. the exterior equipment enclosures; and
- d. the FDS electronic equipment in the CER.

Care must be taken to ensure that any cables and conduits of the CCTV, FDS and PIDS PA systems are not damaged.

The contractor shall dispose of all of the removed equipment off site in an environmentally friendly way, except for the FDS electronics, which is to be left with the institution.

4.4 **Computer/Software Upgrade**

The contractor shall replace both the existing PIDS and FAAS computers with new units. These shall meet or exceed the performance and operational requirements contained in the ES/SPEC-0401 for a Perimeter Intrusion Detection System Integration Unit. The existing software shall be replaced with the latest versions of both Senstar's software and QNX software.

4.5 **Fence Disturbance Detection System Installation**

The contractor shall provide, install, test and document a Fence Disturbance Detection System. The FDS installation shall meet or exceed the performance and operational requirements contained in the ES/SPEC-0405 for a perimeter detection system.

4.6 **PIU Integration**

The contractor shall integrate the replacement FDS with the existing MDS zones and CCTV system in the PIU. The FDS system controller will be equipped with either a series of FORM C contact closures, or with an RS-232 *or* RS-485 data interface, for integration purposes.

The contractor shall upgrade the PIU to accept RS-232 *or* RS-485 where one of these is selected as the interface method, and the existing PIU does not currently support it.

5.0 **ADDITIONAL REQUIREMENTS**

5.1 **Operator Training**

The contractor shall prepare and present a one-day training course to individuals responsible for the operation of the FDS in accordance with the specification ES/SOW-0101 Statement of Work. The course shall concentrate on the features and proper operation of the installed system. The course shall be presented on the site within two weeks of the successful acceptance testing of the system. The operator training shall be provided, in English, to one group with five Operator/Trainers in each group and, in French, to one group with five Operator/Trainers in each group.

5.2 **Maintenance Training**

The contractor shall prepare and present a five-day training course to individuals responsible for the maintenance and repair of the FDS, in accordance with the specification ES/SOW-0101 Statement of Work. The course shall be given in English and shall concentrate heavily on the material contained in the technical manual and site manual. The course shall, in particular, cover computer site creation, Senstar-Stellar S-100 software and QNX4 software in detail. It shall be presented on the site within two weeks of the successful acceptance testing of the system and shall be provided to five persons.

5.3 **Manuals**

The contractor shall provide the operator and technical manuals in accordance with the specification ES/SOW-0101 Statement of Work. The contractor shall provide ten copies of the operator manual in French and two copies of the maintenance manual in English to the site. The contractor shall provide one copy of the operator manual in French and one copy of the maintenance manual in English to both the Design Authority and the Regional Telecommunications and Electronics Officer (RTEO). Maintenance manuals shall all include completed ATP forms. The contractor shall provide copies of the completed Maintenance Handover Report Form contained in Annex A.

5.4 **As-Built Drawings**

The contractor shall provide as-built drawings of the site installation in AutoCAD Version 14 format and in accordance with ES/SOW-0101 Statement of Work. The contractor shall provide two copies of the maintenance manual to the site, one copy to the RTEO and one copy to the Design Authority.

5.5 **Testing**

5.5.1 The bidder shall provide a detailed Acceptance Test Plan for approval 2 weeks prior to start of installation of the equipment.

5.5.2 Testing may be witnessed by the Design Authority or designated representative.

5.6 **Operational Down-Time**

Equipment and systems operational down time shall be kept to a minimum. All down time will be coordinated with the Coordinator of Correctional Operations (CCO) on site or designate. The contractor's staff may be required to work during evenings, nights and/or weekends to reduce the amount of down time and to meet operational requirements.

5.7 **Institutional Operations**

All employees of the contractor will be required to be in possession of a valid, current security clearance before they are permitted to enter and work in Archambault Institution. The security clearance is available from the CCO at the site. The contractor must take every precaution to minimize any disturbance to institutional operations. The contractor and his staff on site shall cooperate fully with operational staff and conform to all security requirements.

5.8 **Institution Address**

Correctional Service Canada
Archambault Institution
242 Montée Gagnon
Ste-Annes-des-Plaines, QC
J0N 1H0

5.9 **FAAS/PIDS Computer Equipment and Software**

The FAAS/PIDS computer and software have been provided by:

Senstar Corporation
119 John Cavanaugh Drive
Carp, Ontario
K0A 1L0

Telephone: (613) 839-5572
Fax: (613) 839-5830

5.10 **Integration Responsibility**

The contractor is responsible for providing a fully functioning system, ensuring that the provided equipment and systems are fully integrated with the existing PIDS/FAAS. The contractor is responsible for any necessary liaison with Senstar-Stellar, and other equipment manufacturers, to ensure this integration occurs.

5.11 **Safety**

The contractor must, at all times, be in full compliance with the Canada Labor Code, Part II and the Quebec Occupational Health and Safety Act and Regulations.

CORRECTIONAL SERVICE OF CANADA
TECHNICAL SERVICES BRANCH
ELECTRONICS SYSTEMS

MAINTENANCE HANDOVER REPORT FORM

INSTITUTION:

DATE:

SYSTEM/EQUIPMENT:

APPLICABLE CONTRACT NO:

DSS FILE NO:
 SPECIFICATIONS:

EQUIPMENT SUPPLIER (NAME AND ADDRESS):

SUPPLIER CONTACT (NAME AND TELEPHONE):

WARRANTY DETAILS:

Expiry date on materials/parts:

Expiry date on installation:

Expiry date on factory labor:

Travel & living expenses during the warranty period:

chargeable to CSC

not chargeable to CSC

Equipment transportation costs are paid by CSC for:

sending to the supplier

returning from the supplier

Negotiated rates for emergency repairs at site due to misuse/abuse during warranty period are as follows:

Not applicable.

Negotiated rates for labor at site after warranty period are as follows:

Not applicable.

DEFICIENCIES:None remain List attached **DOCUMENTATION:**

Maintenance manual:

Supplied

Due by ;

As-built drawings, cabling and wiring diagrams:

Supplied

Due by ;

Acceptance test results:

Supplied

Due by ;

DISTRIBUTION OF DOCUMENTATION:

1 copy to CESM sent on:

1 copy to RATIS/RTEO sent on:

2 copies to institution sent on:

SPARES:All delivered

Delivery to be completed by ;

EQUIPMENT LIST:See attached list. **MAINTENANCE TRAINING:**Completed

Scheduled for ;

SIGNATURE: Project Manager**DISTRIBUTION:** CESM, NHQ
RATIS/RTEO, RHQ
AWMS, Institution

APPENDIX B

**SAFETY REGULATIONS FOR SECURITY ELECTRONICS CONTRACTORS
WORKING AT CORRECTIONAL SERVICE CANADA (CSC) INSTITUTIONS**

- | | | |
|---|-------------|--|
| 1 | Purpose | .1 To ensure that construction project and institution activities occur without undue interruption or hindrance and that the institution security is maintained at all times. |
| 2 | Definitions | <p>.1 "Contraband" means:</p> <ul style="list-style-type: none"> a) Intoxicants, including alcoholic beverages, drugs or narcotics; b) Firearms or firearms parts, ammunition or any other object designed to kill, injure or neutralize an individual, or any object that has been modified or assembled for this purpose, and possession of which has not been authorized in advance; c) Explosives or bombs, or their components; d) Money exceeding the regulatory maximums [\$50.00]; and <p><u>SPECIAL NOTE:</u> <i>Check the Corrections and Conditional Release Regulations (SOR/92-620): limit of \$50 in a minimum security institution, limit of \$25 in a medium, maximum or multi-level security institution.</i></p> <ul style="list-style-type: none"> e) Any other item not described in paragraphs a) to d) in an individual's possession without prior authorization that could endanger the safety of individuals or security of the penitentiary. <p>.2 "Unauthorized smoking items" means tobacco products including, but not limited to, cigarettes, cigars, tobacco, chewing and snuffing tobacco, cigarette making machines, matches and lighters that are considered to be unauthorized items.</p> <p>.3 "Commercial vehicle" means any motorized vehicle intended to carry the materials, equipment or tools required for the construction project.</p> <p>.4 "CSC" means Correctional Service Canada.</p> <p>.5 "Warden" means the head of the institution or his or her designated representative.</p> <p>.6 "Construction employees" means the employees of the prime contractor, its subcontractors, equipment operators, equipment suppliers, expertise and inspection laboratories, and regulatory agencies.</p> <p>.7 "Departmental representative" means the project manager for Public Works and Government Services Canada (PWGSC) or Correctional Service Canada (CSC), according to the project.</p> |

.8 "Perimeter" means the area of the institution enclosed by secure fences or walls restricting the movement of inmates.

.9 "Construction zone" means the area, as indicated in the contract documents, where the contractor is authorized to work. It may or may not be isolated from the institution's secure grounds.

SPECIAL NOTE: *A brief description of the construction zone shall be appended below.*

- 3 Preliminary Measures .1 Prior to commencing any work, the contractor shall meet with the warden to:
- .1 Discuss the nature and scope of all activities related to the project;
 - .2 Establish the acceptable security measures for both parties, in accordance with this directive and the specific requirements of the institution.
- .2 The contractor shall:
- .a Ensure that all construction employees know the CSC security requirements;
 - .b Ensure that CSC security requirements are always posted in plain view on the site;
 - .c Collaborate with institution staff to ensure that construction employees comply with all security requirements.
- 4 Construction Employees .1 The contractor shall give the warden a list of the names and birth dates of all employees who will be working on the construction site, and a duly completed personnel screening form for each employee.

SPECIAL NOTE: *In some institutions, the requirements may be less strict for some employees who will be working on the site for only a very short period of time.*

.2 Anticipate two (2) weeks for the processing of security clearance applications. No employee shall be allowed to enter the institution without a duly approved security clearance or recent photo ID card, such as a provincial driver's licence. Security clearance is specific to each CSC institution and any clearance obtained for another institution is not valid for the institution where this project will be completed.

.3 The warden may require that the faces of construction employees be photographed and displayed at certain relevant locations in the institution or transferred to a database for identification needs. The warden may require that photo ID cards be produced for all construction employees. These cards shall be left at the designated entrance where they shall be given to holders upon their arrival at the institution. They shall be worn in plain sight on clothing at all times when employees are at the institution.

SPECIAL NOTE: *Check with the institution on how it wishes to proceed.*

.4 Access to institution property is prohibited for individuals who are believed to present a security risk.

.5 Any individuals employed on the construction site shall be immediately expelled from institution property if:

.1 they appear to be under the influence of alcohol, drugs or narcotics;

.2 they are behaving unusually or recklessly;

.3 they are in possession of contraband.

5 Vehicles

.1 Any individuals leaving an unsupervised vehicle on CSC property shall close the windows, lock the doors and trunk, and remove the keys. Owners of vehicles or employees of the companies that own the vehicles shall ensure that they keep the keys securely on their person.

SPECIAL NOTE: *The institution may require that all vehicles and motorized equipment be fitted with a device to lock the gas tank cap.*

.2 At any time, the warden may limit the number and type of vehicles permitted onto institution grounds.

.3 Persons delivering equipment needed for the project shall not be required to apply for security clearance, but they shall not leave their vehicles unattended while they are on institution grounds. The warden may require that they be accompanied by an institution employee or a commissionaire.

SPECIAL NOTE: *In some institutions, all delivery persons shall undergo personnel screening.*

.4 If the warden permits trailers to be left inside the security perimeter of the institution, trailer doors and windows shall remain securely locked at all times when trailers are left unattended. Windows shall be protected by expanded metal mesh. All trailers used for storage by the contractor, both inside and outside the perimeter, shall remain securely locked when they are not in use.

6 Parking

.1 The warden shall identify the authorized parking areas for construction employee vehicles. Parking in other locations shall be prohibited and vehicles in violation may be towed.

7 Deliveries

.1 All material, equipment or tools delivered for the project shall be addressed to the contractor to distinguish them clearly from shipments intended for the institution. The contractor shall ensure that its employees are on site to receive shipments; CSC personnel will accept **no** deliveries of material, equipment or tools intended for the contractor.

8 Telephones

.1 No telephone, fax, photocopier or computer connected to the Internet shall be permitted to be installed inside the institution's security perimeter without the warden's prior authorization.

.2 The warden shall ensure that telephones, photocopiers and computers with an Internet connection are not installed in inmates' accessible locations. Access to each computer shall be password protected to prevent any Internet connection by unauthorized personnel.

.3 Unless specifically authorized by the warden, cell phones or digital cordless phones, including but not limited to messaging devices, pagers, BlackBerries or telephones used as two-way radios are prohibited in the institution. If cell phones are permitted, users may not allow them to be used by inmates.

.4 The warden may authorize but limit the use of two-way radios.

SPECIAL NOTE: *In some institutions, cell phones, digital phones or two-way radios are permitted, but under certain conditions. For instance, it may be required that they are "not used in inmates' accessible areas".*

9 Working Hours

.1 The work week at the institution is Monday to Friday, from (7:00 am) (11:30 am) to (1:00 pm) (5:00 pm).

.2 Work is not permitted on weekends or statutory holidays without specific authorization from the warden; requests shall be made at least seven days in advance. Should an emergency arise, or under any other circumstances, this time period may be cancelled by the warden.

SPECIAL NOTE: *In some institutions, this time period may be shorter. It should therefore be checked.*

10 Work Outside Normal Working Hours

.1 The warden's permission is required for any work performed outside normal working hours. The contractor shall give at least 48 hours advance notice when it is necessary to perform approved work outside normal working hours. If overtime is required to complete an urgent task, such as to pour concrete or ensure the safety of construction, the contractor shall inform the warden accordingly as soon as the contractor learns that such work is necessary, and then comply with the instructions issued by the warden. The costs incurred by Canada as a result of this situation may be charged to the contractor.

SPECIAL NOTE: *In some institutions, this time period may be shorter. It should therefore be checked.*

.3 When work must be performed outside normal working hours, on weekends or on statutory holidays, and the overtime is authorized by the warden, the warden or designated individual may assign additional personnel to security. The costs related to this assignment may be charged to the contractor.

11 Tools and Equipment

.1 Maintain on site a complete list of tools and equipment that will be used during the construction project. Present the list for inspection when required.

SPECIAL NOTE: Obtain a list of prohibited/restricted-use tools and

equipment that are not permitted for the project. Insert the list below.

.2 Keep the list of tools and equipment specified above up to date throughout the construction project.

.3 Never leave tools unsupervised, especially tools with motors, explosive actuated tools, cartridges, files, saw blades, carbide saws, wires, rope, ladders or any type of lifting device.

.4 Store tools and equipment in secure approved locations.

.5 Lock all tool boxes after use. The contractor's employees shall keep the keys with them at all times.

.6 Fasten and lock unerected scaffolding; once erected, scaffolding shall be securely fastened to the warden's satisfaction.

.7 Immediately notify the warden of any loss or disappearance of tools or equipment.

.8 The warden shall ensure that security personnel check the contractor's tools and equipment, based on the list supplied by the contractor:

- .1 at the start and end of each construction project;
- .2 every week, if the project lasts more than one week.

SPECIAL NOTE: Some institutions require that tools and equipment be removed daily from the work area (e.g., work in an occupied cell range).

.9 Some tools/equipment, such as cartridges and hacksaw blades, are very strictly controlled. At the beginning of the day, the contractor shall be given a sufficient quantity of these items for a days' work. Used blades/cartridges shall be returned to the representative at the end of each work day.

SPECIAL NOTE: Check with the institution for the procedures to follow for controlled items.

.10 When propane or natural gas is used as a heat source for the project, the institution requires that an employee of the contractor supervise the construction site outside working hours.

SPECIAL NOTE: This point is particularly important when the construction site is located near inmate living quarters and a fire could endanger human lives. Check the institution's policy in this respect.

12 Keys

Detention hardware keys

.1 The contractor shall make arrangements with the detention hardware supplier/installer to have keys for the detention hardware delivered directly to the institution, to the attention of the Security Maintenance Officer.

.2 This officer shall give the contractor a receipt for the detention

hardware keys.

.3 The contractor shall give a copy to the Departmental Representative.

Other keys

.1 During the construction project, the contractor shall use construction barrels in the finishing locks.

.2 The contractor shall give its employees, and subcontractors if necessary, instructions on the secure storage of construction keys.

.3 At the end of each phase of the construction project, the CSC representative, in collaboration with the lock manufacturer, shall:

.a establish an operational set of keys;

.b receive the keys and operational barrels for the locks directly from the manufacturer;

.c remove and return the construction barrels, and have the final barrels installed.

.4 Once the permanent detention locks are in place, CSC officers who escort construction employees shall obtain the keys from the Security Maintenance Officer in order to open the doors for the contractor's needs. The contractor shall inform its employees that only escorting CSC officers shall be authorized to use these keys.

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| 13 | Detention Hardware | .1 Return all existing detention hardware that has been removed to the warden of the institution so that it can be disposed of or stored securely for later reuse. |
| 14 | Prescription Medication | .1 Contractor employees who must take prescription drugs during the work day shall be required to obtain authorization from the warden to be permitted to bring a day's dose with them to the institution. |
| 15 | Smoking Restrictions | .1 Contractors and construction employees are not authorized to smoke inside correctional institutions or outside within the perimeter of a correctional institution. Inside the perimeter, they shall not have unauthorized tobacco products in their possession.

.2 Contractors and construction employees who violate this policy will be asked to stop smoking immediately or to dispose of all unauthorized tobacco products. If they refuse to comply, they will be asked to leave the institution.

.3 Smoking shall be permitted only outside the perimeter of the correctional institution, in a location designated by the warden. |
| 16 | Contraband | .1 Firearms, ammunition, explosives, alcoholic beverages, drugs and narcotics are prohibited on institution premises.

.2 The discovery of contraband on the construction site and identification of the individual(s) responsible for the presence of these items shall be reported immediately to the warden. |

- .3 Contractors shall closely supervise their employees or their subcontractors' employees, since the discovery of any contraband can lead to cancellation of the security clearance of the employee involved. A serious violation can result in expulsion of the company involved from the site for the duration of the construction project.
- .4 If firearms or ammunition are found in the vehicle of a contractor, subcontractor, supplier or their employee, the security clearance of the driver of the vehicle will be revoked immediately.
- 17 Searches
- .1 Any individual or vehicle entering the institution's premises may be searched.
- .2 When the warden has reasonable grounds to believe that a contractor employee is carrying contraband, the warden can require that the individual be searched.
- .3 The personal effects of any employee arriving at the institution may be subject to checks intended to detect the presence of residues of prohibited drugs.
- 18 Access to the Institution
- .1 Unless specifically authorized by the warden, construction employees and commercial vehicles will not be allowed to enter the institution outside normal working hours.
- 19 Vehicular Traffic
- .1 Vehicles may enter and leave the institution, under escort, by way of the vehicle access barrier, during the periods below:
- .1 from [7:45 am] to [11:00 am]
- .2 from [1:00 pm] to [3:30 pm].
- Construction vehicles may not leave the institution until an inmate count has been completed.
- SPECIAL NOTE: The times vary between institutions. They should therefore be checked with the institution concerned.
- .2 The contractor shall inform the warden 24 hours in advance of the arrival of heavy equipment such as concrete mixers, cranes, etc.
- .3 Vehicles loaded with dirt or debris, or any other vehicle considered impossible to search, shall be monitored constantly by CSC employees or commissionaires reporting to the warden.
- .4 Before a commercial vehicle is admitted onto institution grounds, the contractor or its representative shall certify that the contents of the vehicle are absolutely necessary for the construction project.
- .5 Access to CSC property shall be refused to any vehicle whose contents, in the warden's opinion, represent a security risk for the institution.
- .6 The private vehicles of construction employees shall not be admitted into the security perimeter of medium or maximum security institutions without the warden's specific authorization.

SPECIAL NOTE: Check with the institution regarding the policy for private vehicles.

.7 Subject to prior authorization of the warden, a vehicle can be used to bring a group of employees to the site in the morning and to take them out in the evening. This vehicle may not remain on the premises during the day.

SPECIAL NOTE: Check with the institution regarding the policy for private vehicles used to transport employees.

.8 With the warden's authorization, certain equipment may be left on site overnight or over the weekend. This equipment shall be locked and batteries removed. The warden may require that equipment be chained and locked to another fixed object.

20 Construction
Employee Movement on
Institution Property

.1 Subject to the need to maintain adequate security, the warden will allow the contractor and its employees as much freedom of action and movement as possible.

.2 Nevertheless, notwithstanding the previous paragraph, the warden may:

.1 prohibit or restrict access to any part of the institution;
.2 during the construction project or certain periods, require that construction employees be accompanied by a CSC security officer or commissionaire in some sectors of the institution.

.3 All construction employees shall remain on site during breaks and lunch. They shall not be authorized to eat in the lounge for correctional officers nor in the institution's dining room.

21 Monitoring and
Inspection

.1 Construction activities and personnel and vehicle movement will be monitored and inspected by CSC security personnel to ensure compliance with established security standards.

.2 CSC personnel will ensure that construction workers clearly understand the need for monitoring and inspections, and that this understanding is maintained throughout the project.

22 Work Stoppage

.1 The warden may at any time order the contractor, its employees, subcontractors or their employees, to refrain from entering the site or to leave it immediately due to a security incident occurring at the institution. The contractor's foreman responsible for the site shall write down the name of the CSC employee giving the order, the time of the order, and comply with the order received as quickly as possible.

The contractor shall inform the departmental representative of the situation within 24 hours following the work stoppage.

23 Contact with Inmates

.1 It is prohibited, without specific authorization, to enter into contact with inmates, speak to them, give them items or receive items from them. Failure to comply with this instruction shall result in expulsion of the

employee responsible from the site and removal of the employee's security clearance.

SPECIAL NOTE: If the project plans to use CORCAN and inmate labour, check with the institution regarding the policy of contact with inmates.

.2 Note that cameras are prohibited on CSC property.

.3 Notwithstanding the above, if the warden authorizes the use of cameras, it is strictly prohibited to take photos of inmates, CSC employees or of any part of the institution for which a photo is not necessary for performing the work in this contract.

24 Completion of
Construction Project

.1 Upon completion of the construction project or, if applicable, upon take-over of the installations, the contractor shall remove all materials, tools and equipment that are not identified in the construction project as needing to be left at the institution.