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C1A 4A2

SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Comments - Commentaires

Vendor/Firm Name and Address
Raison sociale et adresse du fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Public Works and Government Services Canada
The Cambridge Building
3 Queen Street/3 rue, Queen
PO Box 1268/CP 1268
Charlottetown
Prince Ed
C1A 4A2

Title - Sujet Access Control Turnstiles	
Solicitation No. - N° de l'invitation 51019-154024/A	**Amendment No. - N° modif.** 006
Client Reference No. - N° de référence du client 51022-156342	**Date** 2015-12-17
GETS Reference No. - N° de référence de SEAG PW-$PWC-008-3746	
File No. - N° de dossier PWC-5-38122 (008)	**CCC No./N° CCC - FMS No./N° VME**
Solicitation Closes - L'invitation prend fin **at - à 02:00 PM** **on - le 2016-01-06**	**Time Zone** **Fuseau horaire** Atlantic Standard Time AST
F.O.B. - F.A.B. **Plant-Usine:** ☐ **Destination:** ☑ **Other-Autre:** ☐	
Address Enquiries to: - Adresser toutes questions à: Reay, D (PWC)	**Buyer Id - Id de l'acheteur** pwc008
Telephone No. - N° de téléphone (902) 566-7518 ( )	**FAX No. - N° de FAX** (902) 566-7514
Destination - of Goods, Services, and Construction: **Destination - des biens, services et construction:**	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	**Delivery Offered - Livraison proposée**
Vendor/Firm Name and Address **Raison sociale et adresse du fournisseur/de l'entrepreneur** **Telephone No. - N° de téléphone** **Facsimile No. - N° de télécopieur**	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) **Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)** **Signature** **Date**	

Canada

The following changes in the tender documents are effective immediately. This addendum will form part of the contract documents.

REQUEST FOR PROPOSAL

ANNEX A – Statement of Work Requirement

Delete:

Statement of Work

And replace with:

Statement of Work – December 17, 2015 - attached.

This Addendum is raised to provide the following answers to questions provided by bidders

Question 1
Please confirm if connection of the gates to the fire alarm panel is part of this project.

Answer 1
It is not.

Question 2
Please confirm if a management server is required or if gates will function as stand alone.

Answer 2
A server will be require.

Question 3
Please confirm if a remote unlock button will be required for security desk or other location for any of the gates.

Answer 3
All gates will require a remote unlock button.

Question 4

Would you reconsider the requirement for anything other than waist height glass barriers in all of the lanes and eliminate the specific references to the technical elements of a specific product, replacing them with a specific functional operational requirement for the gates.

Answer 4

Response to previous question: Specification is based on existing equipment (not Automated Systems Slimlane) installed in the Jean Canfield Building in Charlottetown. It has 1200 mm high barriers for regular width lanes.

Statement of Work - December 17, 2015
Daniel J. MacDonald Building (DJM) Access Control Turn Stiles

Veterans Affairs Canada (VAC) Head Office (HO) located at 161 Grafton Street, Charlottetown PEI, requires the supply, delivery, installation, configuration and training of access control turnstiles to ensure access to the HO facility is controlled and protected from unauthorized entry. These turnstiles will be located at the Kent Street employee entrance (2 standard entry gates and 1 mobility impaired gate), Grafton Street public entrance (2 mobility impaired gates), at the guard force reception desk (2 standard entry gates and 1 mobility impaired gate) and one mobility impaired entry gate at the atrium elevator entry point. Floor plan attached as Attachment 1.

Access Control Turnstile Technical Specifications Requirements:

The product must meet UL 2593 Certification for Motor Driven Turnstile Operators and Systems, and CAN/CSA – C22.2 no. 247-92 (R 2008) – Standards for Operators and Systems of Obstacles, Gates, Draperies and Louvers.

System Requirements:

The product must:

- control and restrict pedestrian traffic between public and secured zones.
- utilize double swing doors to securely block and prevent unauthorized access.
- be automatically operational and bidirectional, allowing traffic in both directions simultaneously. Persons entering must have a valid access card to authenticate with the system. The doors to remain locked if no authentication is presented. Persons exiting do not need to use their card to exit.
- be designed to operate in a "Normally Closed" mode and will only open upon proper authentication.
- be integrated with the access control system in use in the building (eg Summit Pro, Facility Commander) to grant or deny access to the facility.
- be able to accommodate two (2) readers (one for each direction) and integrate the reader into the housing. Only one reader will be required (to enter).
- feature physical and electronic security to detect and deter unauthorized use.
- be designed to guarantee user safety and ease of passage.
- provide equal access for persons with reduced mobility.
- be able to be configured as multiple and/or single lanes.
- include photoelectric sensors for presence detection positioned in at least one horizontal row including a safety zone near swinging obstacles.

Construction:

The product must:

- be manufactured from brushed 16 gauge thick stainless steel type AISI 304.
- have a self-supporting kinematic frame made of 5mm thick steel type S355 or equivalent
- have side panels made from brushed 16 gauge thick stainless steel type AISI 304 and be non-removable without appropriate tools.
- have top covers manufactured from brushed stainless steel type AISI 304.
- have gates manufactured from monolithic 10 mm thick tempered glass.
- ensure an IP 40 degree of protection (Ingress Protection Enclosure Rating)

Dimensions:

Lane width –	Standard entry gate –	584mm
	Mobility Impaired gate -	914mm
Lane Height -		991mm
Gates (Height) -	Standard entry gate –	1,200mm
	Mobility Impaired gate -	1,200mm

Operation:

Normal Operations:

- in stand-by mode, the gates must be locked so that passage is not possible.
- upon receipt of an authorized signal, the doors shall open in the direction of the passage required into the lane.
- the gates shall close immediately after the person has passed through.
- attempts to tailgate (follow an authorized person through) shall not be permitted either by the gates remaining closed or, where the second person is immediately behind the authorized person, alarms, both visual and audible, shall sound to alert Security personnel.
- persons exiting the secure zone, shall have free passage (no card required).
- the unit must be controllable by the security staff assigned to those units and/or the main Security Console.
- the unit shall clearly indicate where the card should be presented.

Emergency Operations:

- the unit must be capable of being connected to the fire alarm system.
- when the alarm is activated, the gates must automatically open and remain open to allow egress.
- when the alarm ceases, the unit must return to Normal Operations mode.
- the unit must have a battery back-up in the case of a power failure and open automatically in the direction of egress.

Security:

The product:

- must provide double swing obstacles for immediate lane closure.
- The doors/gates will be 1200 mm high for mobility impaired lanes and 1,200 mm high for standard lanes.
- must have an integrated electromechanical lock to prevent unauthorized access.
- must be electronically controlled in both directions (inbound by authorized access card/manual control, outbound by sensors) to detect and deter unauthorized access to the secure zone.
- must ensure that one valid authentication allows only one person to pass using infrared sensors to detect the number of persons attempting to enter.
- must control passage by a high density matrix – each sensor must be composed of a separate emitter and receiver, no reflectors can be used.
- sensors must be deployed in a matrix configuration made up of criss-cross beams, such that each optical receiver must detect the beams from several optical emitters.
- the optical detection matrix must offer detection beams.
- detection beams must be controlled by an algorithm capable of tracking the user's passage in the lane as well as determining anything that may cause interference, obstruct, or fall into the lane that is not a security threat.
- in the event of detection of unauthorized behavior, the unit must close the doors/gates and activate the alarms.

Safety:

The unit must be designed to avoid entrapment and prevent pinching points with safety clearance of at least 25 mm between the handrail and the doors/gates.

The unit must be designed to operate in “EGRESS” mode, ie powered or in an emergency; the doors/gates can be unlocked by a simple push and opened automatically in the direction of evacuation (Egress).

- audio and visual alarms will sound to notify security personnel
- at the end of a configurable delay, the doors/gates will close automatically and the unit return to normal operating mode.
- the doors/gates must be electromechanically locked in case of a forced entry attempt to enter the secure zone.

When combined with the fire alarm system, the doors/gates must open automatically in the direction of egress to free the lane as long as the fire alarm occurs and the emergency signal is active.

The unit must have safety sensors to prevent doors/gates from closing when a user is standing between the doors/gates.

The operating force of the doors/gates must be limited and comply with limitations of obstacle force Subject 2593 Outline and CAN/CSA – C22.2 n°247-92 (R2008).

Drive Unit:

The unit must have:

1. a powerful drive unit ensuring fast movement of the doors/gates. (Less than 1.0 seconds)
2. a Controller ensuring progressive accelerations and gradual decelerations for safe movement without vibrations.
3. a magnetic sensor to control the position and the speed of the doors/gates with high precision.
4. a silent drive unit, noise level must not exceed 55 dB.

Controller:

The product must use a microprocessor-based controller with the following characteristics:

- Current industry standard processor
- IP, USB and CAB Bus interfaces
- Must have the ability to monitor in real time the lane, set operating modes, advanced parameters and to provide diagnostics for quick detection of problem source, and
- IP communication interface for extended settings and functions.

The controller must have equipment diagnostic capability and the ability to be configured:

- The diagnostic software must provide the following features:
  a) Real time monitoring of the lane
  b) Operating modes and advanced parameters setting
  c) Quick detection of problem source and trouble notification with the unit

The equipment must have the ability to be controlled

- The monitoring software must provide the following features:
  a) Control of all installed units
  b) Change the operating mode of the units
  c) Show the status of the units (in service, fraud, technical error, etc.)
  d) Scheduler
  e) Events log
  f) Statistics

Accessibility:

The turnstile shall detect and disregard guide dogs (i.e., the turnstile shall not generate an alarm when an authorized user walks through accompanied by a guide dog).

The turnstile shall detect and disregard wheelchairs (i.e., the turnstile shall not generate an alarm when an authorized user rolls through in a wheelchair).

The turnstile shall allow wheelchair users to partially enter the lane before presenting their electronic ID card, without an alarm being triggered (i.e., the user can roll into the lane, present the card, and roll through; the user doesn't need to stay outside the lane and stretch awkwardly to present the card).

Performance and reliability:

Opening and Closing time –

Opening time of the doors/gates must not exceed 1.0 seconds
Closing time of the doors/gates must not exceed 1.0 seconds.

The turnstile shall detect and discern common objects carried by people, and will avoid generating alarms for: wheeled carry-on size suitcases (pushed in front of or pulled behind the person), briefcases, purses, book bags, canes, umbrellas, guide dogs, strollers, etc..

The turnstile shall allow a person to partially enter the lane before an access granted is received without generating an alarm; it shall be possible to configure the sensitivity to persons partially entering the lane.

The turnstile shall not generate an alarm when it is bumped or otherwise pushed out of alignment.

2.0 CONTRACT PERIOD

- The work shall commence upon contract award.
- All hardware must be delivered by March 31, 2016
- Installation and training must be complete by April 30, 2016.

3.0 Warranty

A two year warranty against parts defects.

4.0 Quantity

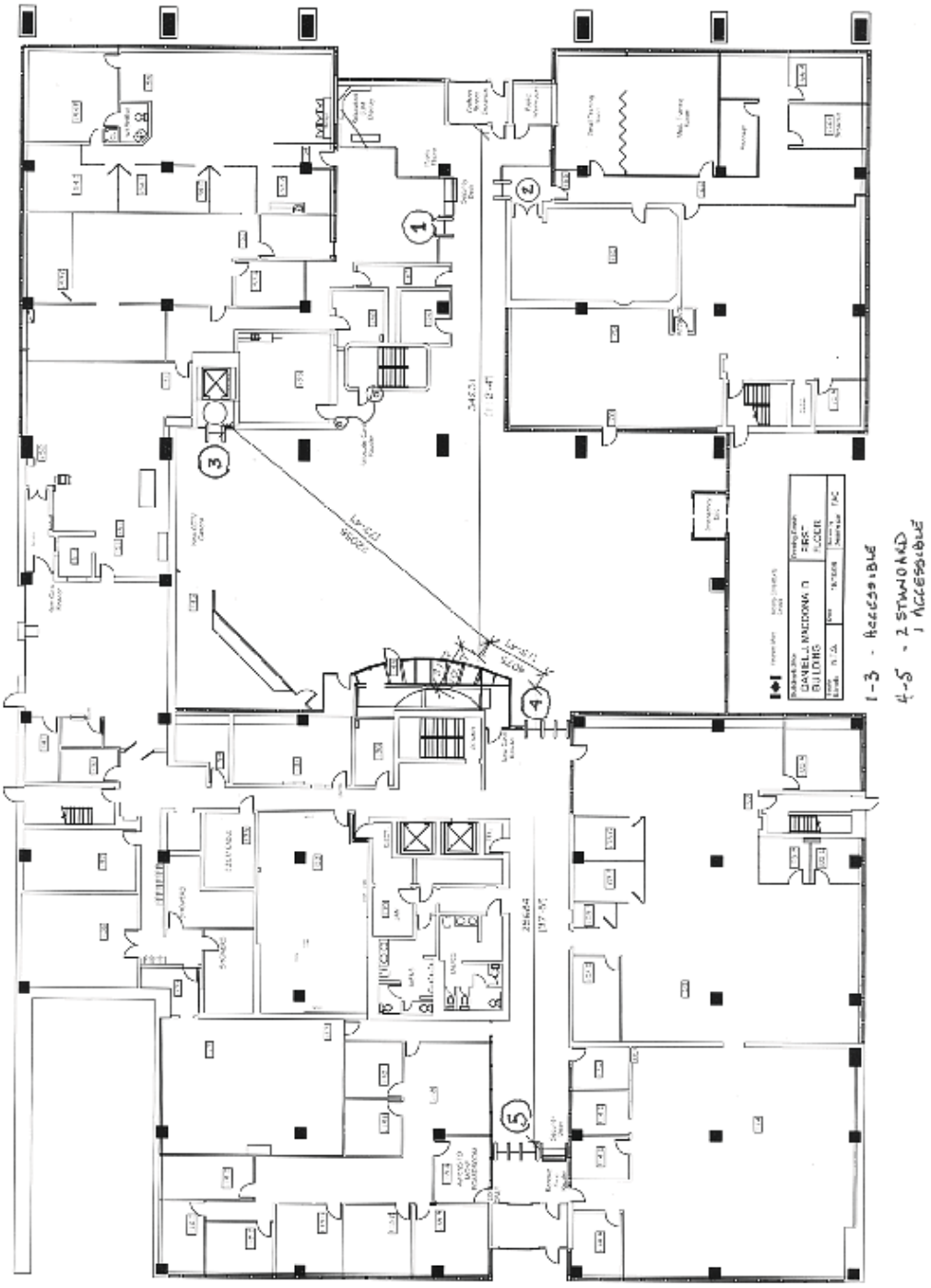
Standard Entry Gates: 4 (Four)

Mobility Impaired Gates: 5 (Five)

5.0 Delivery

Veterans Affairs Canada – Ramp
161 Grafton Street
Charlottetown, PE
C1A 1L1

Appendix 1 **Daniel J. MacDonald Building** **First Floor**


1-3 - ACCESS-IBLE
4-5 - 2 STAIRWAYS
1 ACCESSIBLE