



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

Public Works and Government Services Canada  
ATB Place North Tower  
10025 Jasper Ave./10025 ave. Jaspe  
5th floor/5e étage  
Edmonton  
Alberta  
T5J 1S6  
Bid Fax: (780) 497-3510

**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  
ATB Place North Tower  
10025 Jasper Ave./10025 ave Jasper  
5th floor/5e étage  
Edmonton  
Alberta  
T5J 1S6

<b>Title - Sujet</b> Card Access Control System	
<b>Solicitation No. - N° de l'invitation</b> 31970-180986/A	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> 31970-180986	<b>Date</b> 2017-12-22
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$EDM-034-11233	
<b>File No. - N° de dossier</b> EDM-7-40119 (064)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2018-01-16</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Mountain Standard Time MST
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Scott, Dallas	<b>Buyer Id - Id de l'acheteur</b> edm064
<b>Telephone No. - N° de téléphone</b> (780) 224-7200 ( )	<b>FAX No. - N° de FAX</b> (780) 497-3510
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> See Here-in	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

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



Solicitation No. - N° de l'invitation  
31970-180986/A  
Client Ref. No. - N° de réf. du client  
31970-180986

Amd. No. - N° de la modif.  
002  
File No. - N° du dossier  
EDM-7-40119

Buyer ID - Id de l'acheteur  
EDM064  
CCC No./N° CCC - FMS No./N° VME

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**This amendment is used to address solicitation 31970-180986/A as follows:**

- 1) Questions and Answers
  - Attached as Annex "A"
- 2) Revisions to the solicitation document: page 7 of – de 48, under "6.4 Term of Contract"

DELETE: in its entirety

INSERT:

**6.4.1 Delivery Date**

The Contractor must make the complete delivery within three (3) weeks from the effective date of the Contract.

- 3) Revise Solicitation Close Date

REVISED CLOSING DATE OF: 02:00 PM MST on 2018-01-16

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If your proposal has already been submitted, you may wish to revise it. Revisions to your proposal must be submitted in a sealed envelope with the contents clearly identified on the outside of the envelope. Any revisions to your proposal must be received by the Bid Receiving Unit on or before the time and date stated on page 1 of this document. Any revisions to your proposal received after the closing date and time will be considered late and will be returned unopened.

**ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME AND ARE IN FULL EFFECT**



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## ANNEX "A"

### QUESTIONS AND ANSWERS: MANDATORY SITE VISIT

Question #1: Are cameras part of the proposal?

Answer #1: No.

Question #2: How many users/card holders are on the current system?

Answer #2: Around one-thousand one-hundred (1,100) users/card holders, including contractors

Question #3: Does the computer at the front require replacement?

Answer #3: Yes. Refer to Annex "B", Minimum Mandatory Performance Specifications – Table 5: Server and monitoring station equipment

Question #4: Is a printer required?

Answer #4: No.

Question #5: Are card readers in the system required to integrate with card readers identified in the Ottawa system?

Answer #5: The card readers do not have to integrate but as per follows Refer to Annex "B", Minimum Mandatory Performance Specifications – Table 1: Card reader portal compatible to HID iClass Prox Card 2122 Series

Question #6: Can you provide a list of systems that must be integrated to?

Answer #6: No systems that must be integrated to.

Question #7: Would you like the proposed system to be a fully integrated solution, with the option to grade to CCTV in the future?

Answer #7: No

Question #8: Nodes above some doors are not consistent, can we get clarification on where nodes are required?

Answer #8: Basement floor: 1 Total - One node in the Pre-gowning area for the clean rooms only  
First floor: 1 Total - One node above the glass doors to admin only  
Second floor: 3 Total - One Node above the pedway entrance. One Node above each entrance to the middle corridor. North and South  
Third floor: 2 Total - One Node above each entrance to the middle corridor. North and South  
Fourth Floor: none  
Fifth floor: 14 Total - every card reader for the labs has a node above the door.  
Sixth floor: 20 Total - every card reader for the labs has a node above the door.

Question #9: Please provide the existing System Architecture.

Answer #9: This is not available



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Question #10: ACU's do not support extra strong cable for ground, is that important?

Answer #10: No.

Question #11: Rather than using cards, can a system that supports using smart phones to unlock doors be used?

Answer #11: No

Question #12: The double doors into the Shipping and Receiving area have mag locks and electronic traction – which are to be used?

Answer #12: Mag locks are to be used with the shipping doors and the administrative entrance doors

Question #13: As we were unable to see the Bicycle Cage, how it is setup?

Answer #13: Electrical latch

Question #14: How tall is the Bicycle Cage?

Answer #14: Bicycle cage door is 89"x47" bicycle cage perimeter is 94"

Question #15: Currently how many ACU's are in place and running?

Answer #15: there are 26 ACU units

Question #16: What is the current firmware on all ACU's and RRE's?

Answer #16: Current firmware on ACU's and RRE's are unknown.

Question #17: Since you would like other government sites card access systems to work at your site please provide types of cards access systems installed at existing card access sites so we can verify functionality.

Answer #17: Please refer to Question #5.

Question #18: Who will be responsible of programing all customer cards?

Answer #18: NINT with the support of the successful vendor

Question #19: Please clarify who is to supply new card readers to match new requested HID Iclass 2122 card types.

Answer #19: The successful vendor

Question \$20: Please share the part number/datasheets of existing equipment like ACU, RRM, We will require this information to see the functional capability of the existing system and provide equivalent to meet the mandatory specs.

Answer #20: The Only Identifiable tagging on the ACU's were the model number from the GE ACU's and the Edwards ACU's which all were MODEL ACU3.  
The only common labeling through the RRE's were 22-2007-02 RevC RRE U2 133903-C  
DAD5 – ISS INTEGRATED SECURITY



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Question #21: How old is the Access Control software and is the computer that hosts it provided by NINT or the incumbent security integrator?

Answer #21: The software is about 8-10 years old. The computer would be provided by the incumbent security integrator

Question #22: From where will the Edmonton Access Control System be administered? If from Ottawa, then please advise of the Make / Model / Version of the Ottawa system

Answer #22: Administered from Edmonton only

Question #23: If to be integrated to the Ottawa system, will NINT look after commissioning the local resources for any set up requirements to add Edmonton as a new site?

Answer #23: This is not to be integrated to the Ottawa system, refer to Question #22

Question #24: Is NINT receptive to 'Cloud-based solutions' or is it preferred to have a traditional system on the NINT network or a Standalone Local Edmonton system?

Answer #24: Standalone Local Edmonton system

Question #25: How many users does the Edmonton system need to support?

Answer #25: 4 operators and 2 administrators for at least 10,000 people

Question #26: Are graphic floor maps a requirement of the Access Control System functionality?

Answer #26: Yes

Question #27: Are existing or new video surveillance and/or alarm systems to be integrated with the new Access Control System?

Answer #27: No

Question #28: Will NINT / PSPC facilitate required electrical work (receptacles, conduit, circuit breakers, cable trays) through facility management or contracted trades or is this to be part of the bid?

Answer #28: NINT/PSPC will facilitate electrical work as required.

Question #29: Will IT resources be available for typical NINT network settings and provisions (i.e. ports, network jacks, IP address assignments)?

Answer #29: No need of IT support, the system should be self-contained

Question #30: will NINT order new credentials/cards or prefer to use their existing cards to work with the new system?

Answer #30: the intent is to be able to still use the existing

Question #31: Are all existing locks / doors fully functional or is there a need to replace any door hardware and electric strikes?

Answer #31: they are all fully functional



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Question #32: Will the security integrator be responsible to migrate existing access levels and permissions from the existing access control system to the new system?

Answer #32: Yes in collaboration and assistance from NINT and a cleanup will be done from NINT before hands

Question #33: Is the integrator responsible for data entry of cardholder names, card numbers, and related data in the new system, including assignment of cardholders to access levels?

Answer #33: Yes same as Question #32

Question #34: Are there any door controllers (RRE) located more than eight feet above finished floor?

Answer #34: Yes

Question #35: Will the Owner be responsible to hire the elevator contractor, ThyssenKrupp, for coordination and validation of new interface to elevator controls?

Answer #35: NINT will coordinate with ThyssenKrupp

Question #36: Are there any doors or openings that are lockable and/or monitored from the current access control system which are not associated with a card reader?

Answer #36: There are 2: There is an emergency equipment storage room in the main floor corridor that alarms on the screen when it is opened. The system has no control over the locking of the door and there is no card reader. There is also the entrance at the south west corner of the building that is lockable from the system, but has no card reader and is not monitored.

Question #37: Will the security integrator be given unrestricted access to lab areas for the purposes of this cutover upon request? Are there any restrictions to this, such as hours of work, dates, times, and so on?

Answer #37: The security integrator will not be given unrestricted access. If access to certain areas is required the contract must coordinate with NINT

Question #38: We understand that all the panels are connected to each other for peer to peer communication using RS485. Is it acceptable going forward to connect each panel directly to CAAS server via TCP/IP connection while using the existing wiring for field devices like readers, REX, door contacts? Please advise.

Answer #38: Yes, as long as it's a running system handed over after commissioning, and the vendor supplies any additional server cabinet hardware needed and includes it in the bid.

Question #38: Please provide details on the existing Edmonton Access Control make / model. This is important information to validate and bid for compatibility and pricing. What is the manufacturer service brand / model of the existing Edmonton Access Control System. Only the reader and card technology is in the RFQ and the pictures do not reveal such detail.

Answer #38: Please refer to Question #20



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Question #39: Drawings received in the package have Text blurred out. Is it possible to get the markings for location of communication room and server room?

Answer #39: Yes; see Appendix 1 to Annex "A"

Question #40: Does NINT want bidders to supply the network switches also?

Answer #40: Yes

Question #41: Scope of Work has asked for Commercial Off the Shelf Software whereas the Mandatory Performance Specification for Access Control and Monitoring Software does not list any such thing. Could it be possible that proprietary software will be accepted, if proposed?

Answer #41: No

Question #42: Does this proposal requires submission of drawing package for ACU's?

Answer #42: No.

Question #43: Should we understand the usage of term 'Double Reader' as IN/OUT readers?

Answer #43: Yes

Question #44: Does NINT intend to keep the exiting 24V DC power supplies for Electric Rim strikes and Maglocks?

Answer #44: Yes

Question #45: How many Readers/Outputs/Inputs are supported per RRM?

Answer #45: This will be addressed in a future solicitation amendment

Question #46: Could you please specify the wiring Gauge for RS485 cabling?

Answer #46: 18 awg

Question #47: Are all RRM units per panel connected using RS485 in daisy chain or individually tied back?

Answer #47: Individually tied back

Question #48: Architecture section mentioned that Main CAAS server is connected to ACU's RS485 bus using RS232. We believe NINT wants to have a TCP/IP connection between ACU's and Server in future.

Answer #48: Yes

Question #49: How is Blue emergency open station connected to CAAS?

Answer #49: It interrupts the mag log circuit for shipping door only in the event of evacuation



Question #50: Could you please share information on Wall Space Available in Communication Room and Server Room to see the sizing of cabinets to be used?

Answer #50: The Server Room on the first floor has floor space beside the existing 80" tall cabinet for 42". The comm room on the first floor is limited by its size and the equipment already in the space. The com rooms on the other floors would all be able to sustain side by side half cabinets no more than 40" tall.

Question #51: Does NINT wants bidder to carry their own Electrical Contractor for any kind of Electrical Work/Cabling?

Answer #51: For electrical found work refer to Question #28. Small cabling work is to be provided by the successful bidder.

Question #52: Will there be any additional site walk if Electrical Contractor (hired by bidder) wants to review the site for estimation purposes?

Answer #52: If an additional site walk is required the successful bidder must be coordinate with NINT. Any additional site walk is to be at no additional cost to NINT.

Question #53: What is the wiring type between RRM and ACU?

Answer #53: RS485 18awg

Question #54: Does the RFP include maglocks?

Answer #54: No

Question #55: Are the existing RRM supplied with AC at each module?

Answer #55: No

Question #56: Is there adequate space for both systems running in parallel?

Answer #56: Yes



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002  
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EDM-7-40119

Buyer ID - Id de l'acheteur  
EDM064  
CCC No./N° CCC - FMS No./N° VME

## APPENDIX 1 TO ANNEX "A"

