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Charlottetown  
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C1A 5P7  
Bid Fax: (902) 566-7514

## 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  
Sherwood Business Centre  
161 St. Peters Road/  
2nd Floor, Suite 204  
Charlottetown  
Prince Ed  
C1A 5P7

<b>Title - Sujet</b> Daniel J. MacDonald (DJM) Building Daniel J. MacDonald (DJM) Building Modernization, Charlottetown, PE	
<b>Solicitation No. - N° de l'invitation</b> ED001-212664/B	<b>Amendment No. - N° modif.</b> 026
<b>Client Reference No. - N° de référence du client</b> ED001-212664	<b>Date</b> 2022-09-12
<b>GETS Reference No. - N° de référence de SEAG</b> PW-SPWC-034-4575	
<b>File No. - N° de dossier</b> PWC-2-45003 (034)	<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> Atlantic Daylight Saving Time ADT <b>on - le 2022-09-21</b> Heure Avancée de l'Atlantique HAA	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Stockman (PWC), Sonia	<b>Buyer Id - Id de l'acheteur</b> pwc034
<b>Telephone No. - N° de téléphone</b> (506) 961-7412 ( )	<b>FAX No. - N° de FAX</b> (506) 851-6759
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

**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>

This Solicitation Amendment No. twenty-six (26) is raised to include the following Addendum No. ten (10).

The following Addendum to the tender is effective immediately. This addendum shall form part of the contract documents.

INSERT: NORR Addendum 10

This solicitation is hereby amended to:

1. Answer the following questions:

**Q260.** The following doors show on the drawings as having a door contact, but there is no indication of supply by the Security Supplier in the hardware schedules. Are the door contacts required to be connected to the security panels and, if so, which door contact style or type is required?

- Door 1-12 (HS.30) on dwg E50-01. Barrier free washroom applications.
- Door 2-35 on dwg E50-02. Barrier free washroom applications. Additional note: This door does not appear in the door hardware schedule HS.30, but I believe that is where it should be.
- Door 3-27 (HS.30) on dwg E50-03. Barrier free washroom applications.
- Door 4-27 (HS.30) on dwg E50-04. Barrier free washroom applications.
- Door 5-34 (HS.30) on dwg E50-05. Barrier free washroom applications.
- Door 1-83 (HS.52) on dwg E50-01. Barrier free washroom applications.

**A260.** No, barrier free washroom doors do not require the door contact to be connected to the security panels

**Q261.** Would AFx Express Intrusion and Access control system system be considered as an equal/alternate for the ACS/VAS system?

**A261.** AFx Express Intrusion and Access control system is not an accepted alternate due to compatibility/programming issues with another system being used. The security management system (SMS) shall be the Kantech EntraPass Global Edition. All system components shall be compatible with the Kantech EntraPass system. See NORR Addendum 10.

**Q262.** On plan E09-01, which size of conduit is required for the runs between the security racks and security panels

**A262.** Refer to specification section 28 10 00 item 3.2.11 in NORR Addendum 10 for conduit requirements for security cabling

**Q263.** Please confirm if Aruba 6300M switch is an acceptable alternate to product described in section 28 10 00 sub section 2.7 CCTV SYSTEM, .14 Security Network Switches – Cisco Catalyst 3750-E Series

**A263.** Aruba 6300M switch is not acceptable alternative

**Q264.** Please confirm if cameras IFS02-D12-OIA4 and IFS02-D12-ITA4 are acceptable alternate for discontinued camera Axis M3304-V. Described in Section 28 10 00 subsection 2.7 CCTV SYSTEM.5.2.3

**A264.** Illustra Flex Gen4 2MP Mini-Dome, Illustra Flex Gen4 8MP Mini-Dome, and Illustra Flex 2MP PTZ by Tyco Security Products

**Q265.** On drawing E50-01 no video wall are shown in room 1-80. Please confirm no video wall are required by security contractor.

**A265.** Video wall is not required. Power and communication outlets for equipment are shown on electrical drawings E10-01 and E40-01. One data outlet added in the room 1-80 in NORR Addendum 10.

**Q266.** Please advise if Aiphone AX-DF-P is acceptable for Intercom.

**A266.** The security management system (SMS) shall be the Kantech EntraPass Global Edition. All system components shall be compatible with the Kantech EntraPass system. See NORR Addendum 10.

**Q267.** Please confirm the requirement is to have 2 switches per security rack for redundancy on communication to access controllers as indicated from the following sections:

a) In Section 28 10 00 2.3.1.5 - The system to incorporate the use of bi-directional 485 communications and/or Class "A" TCP/IP redundant connections for redundancy and reliability.

b) In Section 28 10 00 2.3.1.6 - The system to incorporate "High Availability" Communications so that multiple communication paths are available to all controllers. High availability shall be defined as, "an existing alternate controller shall take over communications in the event the main controller fails. The controller must be located in a separate location to the first

c) In Section 28 10 00 2.4.1.3 - Communication: two channel TCP/IP standard LAN/WAN windows environment protocol

d) In Section 28 10 00 2.4.1.13 - TCP/IP LAN connections: 2 TCP/IP LAN connections capable of configuration in LAN switch mode or dual LAN operation for Class 'A' Communication configurations

**A267.** Refer to revised specifications issued for NORR Addendum 10.

**Q268.** Can you clarify the following mechanical questions- Do we supply Pressure independent Zone Valve and system valves or Pressure dependent Zone valves and system valves?

On drawing M73-02 and M73-03 There are four Bypass with Control valve and pressure sensors. Are the sensors and valves connected to the controls system and what would be the sizes of the control valve required.

**A268.** The control valves used in the system are generally pressure independent control valves, please refer to details and schedules.

The bypass control valves shown on dwgs. M73-02 and M73-03 are connected to and controlled by the EMCS to ensure minimum flow through the respective pumps. The bypass and control valves are sized for this purpose. Bypass and control valves sizes will be shown in NORR Addendum 10.

**Q269.** For all Exterior Glass make-ups (ALL IGU's) The outboard lites are specified with #1 Bird friendly Acid Etch pattern No.17. This product has a size limitation of 128" (3,251mm) tall. The upper lites in the Atruim Curtain wall cannot be manufactured with the exact acid etch bird friendly pattern specified.

**A269.** At least one manufacturer that services the region has the capacity to acid etch to that specification.

**Q270.** In DIV 28 Section 2.3.1.6 - it references incorporating "High Availability" Communications for Controllers.

But in the Controller Section. 2.4.2.5 It asks for the Controller to continue to function without degradation upon communication loss. If the controller operates without communication is "High Availability" still needed?

**A270.** Please refer to revised specifications for NORR Addendum 10.

**Q271.** In DIV 28 Section 2.3.51.1- Asset Management- You are asking for an Asset management module. Are you able to provide more information as to what you are looking for as there is not enough information in the RFP to quote?

-How many devices are you looking to protect.

-What type of improper events are you requiring

-Is this required for people to sign out equipment? Or do you want something Geosynchronous based?

-What specific types of assets are to be protected? Mobile, fixed, utility etc.

-Does this need to be part of the access control software or is this a separate system to be integrated into the access control system by a software or database connection.

**A271.** This should be part of the access control software. See NORR Addendum 10.

**Q272.** In DIV 28 Section 2.3.12.2- You are asking for unlimited software capacities, which is fine, but what do you want for initial counts. Is the amount to make the system work in the RFP enough or are additional required at time of bidding.

**A272.** Please refer to revised specifications for NORR Addendum 10.

**Q273.** In DIV 28 Section 2.3.1.15(16)- Can you provide more details to what type of systems you want seamless integration with? What life safety system, remote paging and email systems do you require integration with?

**A273.** No integration with BAS is required.

**Q274.** In DIV 28 Section 28.2.7.14- Network switches. Are the network switches to be stand alone from the rest of the building network. If integration is needed what are the requirements?

**A274.** Stand alone from the rest of the building network.

**Q275.** Section 10 44 00 3.1.3 states "Mount extinguishers in cabinets in all areas accessible by public, and on brackets in all other areas." Could the areas accessible by the public be defined? Drawings appear to show wall mounted extinguishers throughout.

**A275.** Areas not accessible to the public include Mechanical, Electrical, Data, Penthouse, Parking Garage, Storage and Janitors rooms plus the Loading Dock. See updated section 10 44 00 in NORR Addendum 10.

**Q276.** Specification 01 51 00 1.5.7.2 requires that any lamp used for longer than 3 months during construction be replaced. While this clause is suitable for incandescent or fluorescent fixtures, the 3 month timeframe is a fraction of the lifespan for LED fixtures, and replacement of LED lamps after 3 months use would be unnecessary. Please confirm if the requirement is only intended for fluorescent or incandescent fixtures

**A276.** The 3 months refers to continuous use, equating to approximately 2,100 hours of cumulative use.

**Q277.** The following doors appear in the door hardware schedules, but do not appear in the E50 series drawings. Are they required?

- Door 1-87 (HS.39) - this door does not appear on dwg E50-01, but HS.39 indicates Security Supplier to provide card reader, Rex sensor, door contact, access controller, and power supply.
- Door 1-35 (HS.40) - this door does not appear on dwg E50-01, but HS.40 indicates Security Supplier to provide card reader, Rex sensor, door contact, access controller, and power supply.
- Door 1-54A (HS.42) - this door does not appear on dwg E50-01, but HS.42 indicates Security Supplier to provide card reader, Rex sensor, door contact, access controller, and power supply.
- Door 1-57 (HS.43) - this door does not appear on dwg E50-01, but HS.43 indicates Security Supplier to provide card reader, Rex sensor, door contact, access controller, and power supply.
- Door 1-67 (HS.48) - this door does not appear on dwg E50-01, but HS.48 indicates Security Supplier to provide a surface mounted door contact

**A277.** •Door 1-87 (HS.39) - this door does not appear on dwg E50-01, but HS.39 indicates Security Supplier to provide card reader, Rex sensor, door contact, access controller, and power supply.

- **Yes, door 1-87 to have card reader and associated devices**

- Door 1-35 (HS.40) - this door does not appear on dwg E50-01, but HS.40 indicates Security Supplier to provide card reader, Rex sensor, door contact, access controller, and power supply.

- **No, door 1-35 does not require a card reader**

- Door 1-54A (HS.42) - this door does not appear on dwg E50-01, but HS.42 indicates Security Supplier to provide card reader, Rex sensor, door contact, access controller, and power supply.

- **Yes, as indicated on drawing E03-02, door 1-54A is to have security rough ins as shown on detail 5**

- Door 1-57 (HS.43) - this door does not appear on dwg E50-01, but HS.43 indicates Security Supplier to provide card reader, Rex sensor, door contact, access controller, and power supply.

- **Yes, as indicated on drawing E03-02, door 1-57 is to have security rough ins as shown on detail 5**

- Door 1-67 (HS.48) - this door does not appear on dwg E50-01, but HS.48 indicates Security Supplier to provide a surface mounted door contact

-- **Yes, Door 1-67 to have door contact**

**See updated drawing A03-02 and E50-01 in NORR Addendum 10.**

**Q278.** This door shows on dwg E50-01 and is indicated as door hardware schedule HS.51b. However, it is also indicated in the schedule as HS.36b. Just bringing the duplication to your attention.

- Door 1-82C (HS.51b) dwg E50-01 Shows in door hardware schedule under both HS.36b and HS.51b

**A278.** Door 1-82C is 51b as per Arch door schedule and electrical drawings. Div 08 Door hardware schedule spec to be updated for clarity in NORR Addendum 10.

**Q279.** The following doors lead to the Fingerprint Photo ID Office and require an interlocking application to only allow one door to be open/accessed at a time. However, there are only two doors into the space and the hardware schedules seem to be duplicating materials. Looking for some clarifications on quantities or application.

- Door 1-98A (HS.62) on Dwg E50-01. HS.62 shows two of each of the card readers, Rex sensors, door contacts, access controllers, and power supplies.
- Door 1-98B (HS.63) on Dwg E50-01. HS.63 shows one of each of the card readers, Rex sensors, door contacts, access controllers, and power supplies.

**A279.** Group 62 is showing two(2) units for each security device because there's two(2) openings listed (1-98A & 5-05). There is no repeated hardware.

**Q280.** On dwg E50-03, the following door to the Data Room shows a card reader, door contact, and electric strike. The door hardware schedule HS.33 does not show any Security Supplier connection. Does this door require connection to the access / security panel?

- Door 3-45 (HS.33) - appears on dwg E50-03. Does the door require connection to the access & security panel? Does the door require a rex sensor?

**A280.** Yes, as per electrical drawings door 3-45 is to be equipped with card reader, door contact and electric strike. A03-02 Door Hardware Schedule is updated to show 3-45 with card reader access in NORR Addendum 10.

**Q281.** Please provide clarification of the concrete works to be performed on line 7 and 7' as detailed on drawing S50-02. Our interpretation is that the existing construction is currently configured as shown, and no demolition is required prior to the dowelling and concrete slab infill. Is this correct? If not, please provide demolition details. With no structural demolition associated with these details, why is there temporary shoring shown. Please clarify

**A281.** Please refer to sections 1,2,3,4 and 6 on drawing S50-02, sections show that up to 150 mm depth of concrete removal is required to install dowels to connect North and South sides of building. Total depth of concrete slab in most part is 260 mm. After removal of 150 mm concrete only 110 mm will be left and we believe shoring is required for safety. Extent of concrete removal required for dowel placement is also shown on plans.

**Q282.** Will there be access for a crane & materials along the Garden Path?

**A282.** Access for a crane and/or materials along the Garden Path is permitted as long as the contractor remains within the property boundary, as shown on the survey plan. The existing steel fence may be removed and re-instated. Refer to Section 01 52 00 CONSTRUCTION FACILITIES Paragraph 1.6.2.

**Q283.** Are there any test results from the fuel tank monitoring wells?

**A283.** There are no fuel tank monitoring wells.

**Q284.** Would cleaning the fuel tank and filling it with flowable fill be an option instead of removing it?

**A284.** No, that would not be acceptable. There are no provisions in SOR/2008-197 for the abandonment in place of any system or system component. It has to be removed.

**Q285.** Regarding Coatings MET-S2 and MET-S4 from the specification section 01 61 10: The dry film thickness indicated is a very light and you can expect the finish to quickly deteriorate and the underlying steel to start showing rust. Our paint supplier recommends a primer coat be applied first for best results - can this be approved?

**A285.** MET-S2 does have a primer coat indicated in the List of Materials. MET-S4 however is a steel "Bluing" process or a acrylic lacquer coating - the Dry Film Thickness is light and will be changed to 0.85 mil in NORR Addendum 10.

**Q286.** Signage Question:

- There is no M6 to M11 in the sign schedule, but they appear in the drawings, What are quantities for these?
- Accent wall schedule (page 107) the rough dimension listed, is that the wall size or actual graphic/etch size ?
- RS2-W Room Nos. to be installed on each entry door frame - Quantity not noted on sign schedule - page 31. These are engraved signs - approx. 1.5" x 3" Can you please provide a quantity required?

**A286.** • See NORR Addendum #10 for M6 to M11 quantities.

- Accent wall schedule is on page 83. Rough dimensions are the wall size.
- Quantity is 332. Per notes in signage package, the vendor is to submit a detailed Room Sign Schedule including number of signs for review and approval prior to production of signage.

**Q287.** Norr Addendum 9 clear shows the intent of the strip window system for CW2. It should be noted that in many of the new strip window systems on the market (Alumicor and Kawneer for instance) have moved away from the tape glazed products to dry glazed rain screen type windows. These systems allow water to drain out of the window profiles and the use of epdm and similar materials for the exterior gaskets eliminates the possibility of the glazing tape leaching material down the frame over time which often occurs with tape glazed profiles. This being said the typical sill detail of CW2 type strip windows has the panel system installed up to the daylight opening and sealed with sealant at the glass line. This detail would have the windows drain any water infiltrating the system behind the panel system. We expect this would not acceptable. Would the architect accept lowering the panel system to allow potential water to drain on top of the panel? This would show approximately 19mm of the window sill above the panel line.

**A287.** This would be an acceptable alternative and would be addressed in shop drawings. A mullion cap matching the head detail would need to be provided at the sill and at all end of field perimeters.

**Q288.** Is drawing E50-01 meant to show new parking gate barrier at grid A, 1-3? Is drawing E50-00 meant to show new parking gate barriers between grid A,B, 10,11.

**A288.** Refer to A20 series drawings. Two new barriers at grid A, B, 10, 11. The barriers are existing and reused at Kent St.

**Q289.** Section 01 35 54 states that we must have a minimum of 2 Security Personnel on site at all times. This seems excessive, particularly during working days when activity is happening on site. Please confirm that this is non-negotiable, and not up to the discretion of the general contractor.

**A289.** The requirement to have a minimum of 2 Security Personnel on site at all times is non-negotiable.

**Q290.** The specifications regarding controls wiring and conduit systems between section 25 and 26 are contradictory. Section 25 05 60, 2.4.3 and Section 25 30 02, 2.28.2 both say that wiring under 70 volts can use "FT6 rated wiring where wiring is not run in conduit, while Section 26 05 21, 3.7.1 says to "install control cables in conduit." Section 25 30 02 3.1.6.6 also clarifies that "Wiring in mechanical rooms, wiring in service rooms and exposed wiring must be in conduit," which suggests that wiring outside of this scope would fall under the other sections that allow for FT6 rated wiring not run in conduit. Please clarify whether or not all controls wiring is intended to be run in conduit.

**A290.** All wiring to be installed by Division 26 Contractor shall follow Electrical Specification 26 05 21. All installation to be complied to CEC and NBC. Specifications 25 05 60 and 25 30 02 updated for clarity as part of NORR Addendum 10.

**All other terms and conditions remain the same.**