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Charlottetown  
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**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/  
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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> 018
<b>Client Reference No. - N° de référence du client</b> ED001-212664	<b>Date</b> 2022-07-28
<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 2022-09-07</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/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

This Solicitation Amendment No. eighteen (18) is raised to include the following Addendum No. five (5).

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

INSERT: NORR Addendum 5

And;

1. There will be an optional site visit on Tuesday, August 23, 2022 at 10:30am (ADT)

Contractors interested in participating in the site visit are required to register with the Contracting Authority, Sonia Stockman, [sonia.stockman@pwgsc-tpsgc.gc.ca](mailto:sonia.stockman@pwgsc-tpsgc.gc.ca) by Friday, August 19, 2022 at 4:00pm.(ADT)

The contractors representative must follow all site guidelines related to Covid-19 including wearing a mask and not have travelled internationally in the past 14 days, must not have symptoms of COVID-19, and must respect physical distancing measures while on site.

2. Reference: Closing date  
**DELETE** the closing date of 2022-08-17; and  
**INSERT** the revised closing date 2022-09-07

3. Answer the following questions:

**Q171.** The demolition of the windows on the South Elevation on the Third floor, detail 2/A83-00 shows this as a structural assembly and not exterior siding. Are we to assume that there is no ACM at this location?

**A171.** The construction method will be similar to the strip windows where ACM has been noted. The projecting windows are clad in similar aluminum panels above and below.

**Q172.** To refer to the RFI #47, Please specify a model for the 4 electric charging vehicle that need to be provide by division 26

**A172.** Refer to detail 8 on drawing E03-01 for performance requirements. Refer as well to previous response to tender question Q47. Basis of design and/or specific manufacturers will not be commented on by the Consultant during tender in accordance with procurement policy

**Q173.** Regarding section 07 55 52 page 10-11 Membrane: is the nominal weight of 160 g/m2 due to a weight restriction?

**A173.** No.

**Q174.** On drawing E50-01 no workstations are shown in room 1-60 or 1-80. Please confirm no workstations are required by security contractor.

**A174.** Provide workstations (equipment) and monitors as per specification section 28 10 00. Power and communication outlets for equipment are shown on electrical drawings E10-01 and E40-01

**Q175.** Could you clarify the control valve installation are done by Division 23. In one of the addendums the Force flow heater and fan coil unit the installation was change from division 23 to division 25.

**A175.** Control valves are to be supplied by Div 25 and installed by Div 23. The respective control points list will be updated to reflect this requirement in NORR Addendum 5

**Q176.** Could you clarify that water temperature sensor and water pressure sensor are install by division 23? In the point list some are by division 25.

**A176.** Water temperature sensors and water pressure sensors are supplied by Div 25 and installed by Div 23 or Div 22, as pertaining to their respective scope. The control points list will be updated to reflect this requirement in NORR Addendum 5

**Q177.** Plans & elevations on A94-07 are for upholstered banquette-style seating. The related section detail is A95-01/9. Notes at the drawings are for "UPHOLSTERY FABRIC (FAB-1) SEAT/BACKREST C/W HIGH DENSITY FOAM". The section detail shows that the thickness of the cushion varies between 62mm & 67mm. There are no specifications in 064000 for this upholstery fabric or foam but there is a reference to section 125010. Section 120510 Upholstery Fabric directs you to section 016110 List of Materials for specifics about the fabric. Section 016110 identifies FAB-1- Fabric as "RESERVED" and indicates the fabric is to be Class 1 Fire Rated.

a. Please identify the fabric required – what type of fabric as well as basis of design manufacturer and colour/pattern required.

b. Please provide specs for the foam inside the cushion – composition, fire-rating, etc.

**A177.** FAB-1 specification provided in NORR Addendum 5 List of Materials, note color/pattern will be decided once furniture items are selected. Cushion to be manufacturer standard for commercial grade use - millworker should identify.

**Q178.** Section 064000 Architectural Woodwork, paragraph 2.3.7 says that the edgeband at PLAM casework is to be plastic laminate. On the next page, in paragraph 2.5.2.7, the edgeband is noted as HPDL (plastic laminate) with the clarifying note "Edgeband at doors, drawer fronts, and false fronts: 6mm thick minimum". There is no plastic laminate that is 6mm thick. The vertical grade laminate specified in paragraph 2.3.1 for flatwork is between 0.63mm and 0.7mm thick (depending on manufacturer). There are PVC edgeband products that are 3mm thick, and it is quite common to see that product used on doors etc. Are we correct in understanding that the intent is for matching plastic laminate edges at case bodies & shelves with 3mm PVC edges at the doors, drawer fronts & false fronts?

**A178.** Yes 3mm PVC edges at doors, drawer fronts, and false fronts will suffice. Updates have been made in 064000 Architectural Woodwork 2.5.2.7 in NORR Addendum 5.

**Q179.** Airflow stations are mentioned in the installation section of field control devices in division 25 30 02 and shown throughout the drawings, but there is no product requirements provided for airflow stations. Can you please provide airflow station requirements?

**A179.** Airflow station requirements will be added to the specs in NORR Addendum 5

**Q180.** On Controls schematic drawing 74-01 in detail #3 there is a DI and DO associated with the smoke/fire alarm. The sequence of operations for Fan Powered VAV Dedicated Outdoor Air does not reference the Alarm to FAS or the Smoke alarm. What will EMCS be responsible for regarding FPB smoke alarming? Who is supplying the smoke detectors, who is supplying the DO alarm and what is the smoke/fire sequence for this system?

**A180.** Only a few of the fan powered boxes need a smoke detector installed in the ductwork, most of them don't. The smoke detectors are supplied by Div 26, installed by Div 23 and wired by Div 25 to shut down the respective FPB and send an alarm to EMCS. The control sequence will be updated in NORR Addendum 5. Div 26 will wire to the Fire Alarm System. Duct smoke detectors for FPB's shown on electrical fire alarm drawings.

**Q181.** With reference to drawing M02-03, the fixture schedule indicates "Water closet, tank type", however, the specifications (22 42 13) do not have any tank type toilets. Please clarify

**A181.** There is no tank type water closet on the project, the reference in the schedule on M02-03 will be deleted in NORR Addendum #5.

**Q182.** In the section 26 05 34, part # 3,2,3, it's say that rigid galvanized steel threaded conduit must be use for any conduit below 2,4m and in concealed wall. Knowing that it is an office building, we find that this note is very applicable for this kind of project and could cost a lot of money. Could this note can be change or be more specific where is very needed

**A182.** Use rigid galvanized conduit on exterior of buildings, where exposed to mechanical damage, within all concrete construction where conduits turn up out of a concrete slab. See NORR addendum 5

**Q183.** Reference Drawing M02-01 - Mechanical Schedules 1: Energy Recovery Ventilator Schedule:

1. Cooling Coil Columns "Sensible" and "Latent":

Q1: is it possible that these are intended to be labeled "Total" and "Sensible"?

2. Winter Design Column "Fresh Air": O/A:

Q2: What is the Outdoor Air Wet Bulb Design Condition?

3. Winter Design Column "Exhaust Air": E/A:

Q3: Are these the intended exhaust air conditions?

4. Summer Design Column "Exhaust Air": E/A:

Q4: Are these the intended exhaust air conditions?

**A183.** 1. The labeling and values are correct. The total cooling capacity is the sum of the sensible and latent cooling capacities noted in the schedule.

2. Outdoor Air Wet Bulb Design Temperature is -22.2C, equal to Outdoor Air Dry Bulb Design Temperature. Info will be added to the schedule in NORR Addendum #5.

3. Winter Design Column "Exhaust Air": 'E/A' label will be revised to 'R/A' in NORR Addendum #5 . The

values noted in this column reflect the return air conditions entering the energy recovery core. The condition of the exhaust air leaving the energy recovering core is not noted.

4. Summer Design Column "Exhaust Air": 'E/A' label will be revised to 'R/A' in NORR Addendum #5 . The values noted in this column reflect the return air conditions entering the energy recovery core. The condition of the exhaust air leaving the energy recovering core is not noted.

**Q184.** The sound masking detail on E03-04, where are these located and who supplies the sound masking system.

**A184.** Sound masking detail is not on E03-04. Detail 1 on drawing E03-01 describes provisions for the sound masking system equipment. Location of the equipment will be identified by system design schematics required as per 27 51 19 item 1.3.2. Sound masking system is to provided as described in specification section 27 51 19.

**Q185.** Drawing E03-04 detail 01 shows 2 -20amp and 2 30 amp recep on the cable tray Pls provide location of these details on the drawings

**A185.** Receptacle requirements mounted on cable tray are to be as per enlarged data room plans on drawing E60-02 (one L5-20R on cable tray above each rack).

**Q186.** Is there more detail on the biofilter listed on Mechanical drawing M50-01, Drawing Note #7?

**A186.** There is no biofilter on this project, note #7 will be revised in NORR Addendum #5.

**Q187.** The metering specifications provided in Section 26 09 13 are based around S-20 socket meters utilizing PowerLine Carrier Communications Technology which to our knowledge is reaching End of Life. Please confirm that Schneider Electric's PM5000 and/or PM8000 series are an acceptable replacement..

**A187.** Schneider Electric meters are acceptable.

**Q188.** Please confirm Schneider Electrics Power Monitoring Expert (PME 2022) software is approved as an accepted alternative for the DMS web based application.

**A188.** Schneider Electric software is acceptable.

**Q189.** The specifications reference both Measurement Canada Certification and "Revenue Grade" Meters. Both are two entirely different entities. Do the meters need to be Measurement Canada Certified and sealed for billing purposes or simply have revenue grade accuracy? Please advise.

**A189.** Meters need to be revenue grade accuracy.

**Q190.** Addendum #4 provided specifications for PLAM-4 in section 016110, however they are exactly the same as the specifications provided for PLAM-3. Is the intent for two distinct colours or are PLAM-3 (countertops in Phone Booth rooms) and PLAM-4 (windowsills) the same colour?

**A190.** They are the same colour

Solicitation No. - N° de l'invitation  
ED001-212664/B

Amd. No. - N° de la modif.  
018

Buyer ID - Id de l'acheteur  
pwc034

Client Ref. No. - N° de réf. du client  
R.056687.005

File No. - N° du dossier  
PWC-2-45003

CCC No./N° CCC - FMS No./N° VME

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**Q191.** With regard to the upholstery question - We understand from the response to Q66 in Amendment No.11 that the specific basis of design manufacturer and colour/pattern will not be identified, but we need some basic information about the fabric please. What kind of fabric is required (wool, poly blend, faux leather, vinyl etc.)? What colour/range of colours and what pattern (solid, striped, geometric, random, etc.) and are desired

**A191.** Basic information is provided in NORR Addendum 5 List of Materials, along with sample image.

**Q192.** Section 28 10 00 subsection .14.7 states "24 Ethernet 10/100/1000 ports with PoE and 2 X2 10 Gigabit Ethernet uplinks" please confirm Ethernet uplink is desired vs Fiber (SFP).

**A192.** Please follow the specification for complete operational system.

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