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100-1045 Main Street

Moncton

New Brunswick

E1C 1H1

Bid Fax: (506) 851-6759

**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**

Acquisitions NB/PEI (Moncton Office) – Bureau

d'acquisitions N.-B./Î.-P.-É. (Moncton)

1045 Main Street / 1045, rue Main

Moncton

New Bruns

E1C 1H1

<b>Title - Sujet</b> Prefabricated Telephone Booth Prefabricated Telephone Booth	
<b>Solicitation No. - N° de l'invitation</b> EC373-220094/A	<b>Amendment No. - N° modif.</b> 001
<b>Client Reference No. - N° de référence du client</b> EC373-220094	<b>Date</b> 2021-06-03
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$MCT-042-6005	
<b>File No. - N° de dossier</b> MCT-1-44017 (042)	<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 2021-06-10</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 (MCT), Sonia	<b>Buyer Id - Id de l'acheteur</b> mct042
<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>

Solicitation No. - N° de l'invitation  
EC373-220094/A  
Client Ref. No. - N° de réf. du client  
EC373-220094

Amd. No. - N° de la modif.  
001  
File No. - N° du dossier  
MCT-1-44017

Buyer ID - Id de l'acheteur  
mct042  
CCC No./N° CCC - FMS No./N° VME

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## **Solicitation Amendment**

Prefabricated Phone Booths

Solicitation Amendment No. **001**

This solicitation is hereby amended to:

(1) Answer the following questions:

Q1. Regarding amperage: Would a pod that is plug and play into any wall outlet with 15A be acceptable?

A1. The phone booth plug must be compatible with the wall receptacle of 20A.

Q2. Regarding fan and light controls : Are you looking to have controls for both pods (single occupant and double occupant) or are you looking to just have the accessible wall mounted controls on the double occupant pod and no controls on the single occupant?

A2. Please refer to 1.5 for single occupant and 2.5 for double occupant.

### **(2) Reference: ANNEX "A" STATEMENT OF REQUIREMENT**

**DELETE: ANNEX "A" STATEMENT OF REQUIREMENT;** and

**INSERT: ANNEX "A" STATEMENT OF REQUIREMENT (revised June 03, 2021).**

If your bid has already been forwarded and you wish to revise same, this revision should be sent either in a sealed envelope and mailed to the above address or by facsimile (506) 851-6759 and reach the undersigned before the appropriate closing date. The solicitation number and the closing date are to be shown on the outside of the sealed envelope or on the facsimile transmission.

All other terms and conditions of the solicitation document remain unchanged.

All enquiries concerning this amendment are to be forwarded to:

Name: Sonia Stockman  
Telephone No: (506) 961-7412  
Facsimile No: (506) 851-6759

## **ANNEX "A" STATEMENT OF REQUIREMENT (revised June 03, 2021)**

### **Prefabricated Single Person Telephone Booth**

#### **1.0 REQUIREMENT**

The department of Public Works and Government Services Canada (PWGSC), on behalf of Real Property, has a requirement for the supply, delivery and installation of furniture products of prefabricated private phone booths.

#### **2.0 SCOPE**

The supplier is responsible for supplying all necessary hardware, connectors, supports, components (including electrical components) and wall mounts etc, required for furniture installation. The supplier will also be responsible for the delivery and installation of the product. All products must be new and should be delivered by September 30, 2021. Delivery date and time will be confirmed after contract award.

#### **3.0 RESPONSIBILITY**

The Contractor will supply, deliver and install the Work detailed in all part of Annex A. The Contractor is responsible for ensuring that its goods and services listed in its proposal fully comply with the requirements of the Contract and in particular, the Contractor is responsible for ensuring that the goods fully furnish and correspond to all parts of Annex A. In the event the Contractor omitted to include, in its offer, goods or services required to completely furnish all parts of Annex A, the Contractor must supply, deliver and install/perform the missing goods/services at no additional cost to Canada.

#### **4.0 GENERAL CONDITIONS**

##### **Schedule**

- a) The Contractor will need to coordinate the furniture installation with the Project Authority (PA)
- b) Installation to be completed within regular business hours (from 8am to 6pm)
- c) Personal protection safety equipment must be worn by the furniture installers at all times

##### **Building Access**

- a) Contractor must identify use of a third party installation company, if applicable
- b) All deliveries are to be done during OUTSIDE business hours and brought through the main entrance
- c) Installation to be completed OUTSIDE of business hours
- d) Personal protection safety equipment must be worn by the furniture installers at all times

##### **Security**

- a) Contractor must be responsible for securing their equipment and materials

##### **Garbage Removal**

- a) Contractor must maintain work areas and adjacent areas free from accumulations of waste products and debris arising from this project
- b) Contractor must remove garbage and debris daily

#### **5.0 STANDARDS**

All products provided must comply with the following standards where applicable:

- 5.1 American National Standards Institute (ANSI) / Business and Institutional Furniture Manufacturers Association (BIFMA):
  - .1 ANSI/BIFMA X7.1-[R2016], Standard for Formaldehyde and TVOC Emissions of Low-emitting Office Furniture and Seating.

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- 5.2 American National Standards Institute (ANSI) / National Electrical Manufacturers Association (NEMA)
    - .1 ANSI/NEMA LD 3 - High-Pressure Decorative Laminates (HPDL)
  - 5.3 American National Standards Institute (ANSI)
    - .1 ANSI Z97.1 - Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test
  - 5.4 American Association of Textile Chemists and Colorists (AATCC)
    - .1 AATCC EP001-EP-1 DATE- Grey Scale for Color Change
  - 5.5 Association for Contract Textiles (ACT)
    - .1 ACT Voluntary Performance Guidelines for Upholstery.
  - 5.6 ASTM International (formerly American Society for Testing and Materials)
    - .1 ASTM D523- Standard Test Method for Specular Gloss
    - .2 ASTM D3359 - Standard Test Methods for Measuring Adhesion by Tape Test
    - .3 ASTM D3363 - Standard Test Method for Film Hardness by Pencil Test
    - .4 ASTM D3574 - Standard Test Method for Flexible Cellular Materials - Slab, Bonded, and Molded Urethane Foams
    - .5 ASTM D4060 - Standard Test Method for Abrasion Resistance of Organic Coatings by the Taber Abraser
    - .6 ASTM E596 - Laboratory measurement of noise reduction of sound isolating enclosures
    - .7 ASTM E72 - Standard Test Methods of Conducting Strength Tests of Panels for Building Construction.
    - .8 ASTM E336 – Standard Test Method for Measurement of Airborne Sound Attenuation between Rooms in Buildings
    - .9 ASTM E413 - Classification for Rating Sound Insulation
  - 5.7 Business and Institutional Furniture Manufactures Association (BIFMA)
    - .1 BIFMA G1 - Ergonomics Guideline for Furniture Used in Office Workspaces Designed for Computer Use
  - 5.8 California Air Resources Board's (CARB)
    - .1 CARB Phase 2 part of California's Composite Wood Products Regulation (CWP Regulation).
  - 5.9 California Department of Consumer Affairs
    - .1 CAL-TB 117 - California Technical Bulletin 117 - Flammability Standard Requirements for Upholstered Furniture
  - 5.10 Canadian Standards Association Group (CSA Group CAN/CSA)
    - .1 CAN/CSA C22.1-18, Canadian Electrical Code, Part 1 (24th Edition), Safety Standard for Electrical Installations.
    - .2 CAN/CSA C22.2 No. 9.0 - General Requirements for Luminaires
    - .3 CAN/CSA C22.2 No.42-10, General Use Receptacles, Attachment Plugs and Similar Devices.
    - .4 CAN/CSA C22.2 No.42.1-00(R2009), Cover Plates for Flush-Mounted Wiring Devices (Bi-national standard, with UL 514D).
    - .5 CAN/CSA C22.2 No.55-M1986 (R2008), Special Use Switches.
    - .6 CSA C22.2 No. 184 Solid State Lighting controls
    - .7 CAN/CSA C22.2 No.111-10, General-Use Snap Switches (Bi-national standard, with UL 20).
    - .8 CAN/CSA C22.2 No.203-16 - Modular Wiring Systems for Office

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- Furniture
  - .9 CAN/CSA C22.2 No. 250.0.18 -Luminaire.
  - .10 CAN/CSA C22.2 No. 250.13.17 LED -Equipment for Lighting Applications
  - .11 CAN/CSA C22.2 No 68-9 Motor operated appliance (Household & commercial).
  - .12 CAN/CSA B651-18, Accessible design for the built environment.
  - .13 CAN/CSA-Z809-16 Sustainable forest management.
  - .14 CSA S832-14 Seismic risk reduction of operational and functional components (OFCs) of buildings
  - 5.11 Canadian General Standards Board (CGSB)
    - .1 CAN/CGSB-44.227 Free-standing Office Desk Products and Components.
    - .2 CAN/CGSB-44.229 Interconnecting Panel Systems and Supported Components.
    - .3 CAN/CGSB-12.1 Safety Glazing.
  - 5.12 Interference-Causing Equipment Standard (ICES)
    - .1 ICES-005 Radio Frequency Lighting Devices
  - 5.13 National Building Code (NBC)
    - .1 NBC 2015: National Building Code of Canada 2015
  - 5.14 National Fire Protection Association (NFPA)
    - .1 NFPA 13: Standard for the Installation of Sprinkler Systems
  - 5.15 Underwriter Laboratory Inc.
    - .1 UL 1286-2011, Section 33 Standards for Office Furnishings.
    - .2 ULC-S102-2018, Standards Method of Test for Surface Burning Characteristic of Building Materials and Assemblies.
  - 5.16 Architectural Woodwork Institute - Architectural Woodwork Manufacture Association of Canada (AWMAC)
  - 5.17 Forest Stewardship Council (FSC)
    - .1 FSC-STD-01-001 [V5-2 EN 2015], FSC Principle and Criteria for Forest Stewardship.
  - 5.18 SCS Global Services Standard, Indoor Air Quality Product Performance Standard for Building Interiors
    - .1 SCS-EC10.3.2014 [V4.0 2017] Environmental Certification Services Division.
    - .2 Indoor Advantage™ and Indoor Advantage™ Gold.
  - 5.19 Sustainable Forestry Initiative (SFI)
    - .1 SFI 2015-2019, Standards and Rules – Standards, Rules for Label Use, Procedures and Guidance.

## 6.0 TEST AND EVALUATION REPORTS

- 6.1 Sustainability: products to be certified by independent third-party in accordance with BIFMA e3 – minimum Level 1.
- 6.2 Environmental: product must receive one or more points under Section 7.6 of ANSI/BIFMA e3, and not to exceed emissions concentration limits in accordance with ANSI/BIFMA X7.1 or SCS Indoor Advantage and Indoor
  - .1 Test reports must be provided for examination *upon request* and be not more than five years old from the date the test was performed with the

exception of the fabric tests applicable to the ACT Voluntary Performance Guidelines.

.2 All tests must be completed by an *acceptable test facility*.<sup>1</sup>

- 6.3 Revised Test Standard(s): Reference is made to the testing standards listed within this spec and to the requirement that all products offered have successfully passed the referenced testing standards where applicable. If the referenced test standards change, the products must successfully pass the revised test standard(s). Only the tests that have been revised must be performed, and, this testing must occur within nine months from the date of the revised test Standard(s).
- 6.4 Product Changes: When physical changes are made to products already tested against the referenced test standards, the changed product(s) must also be tested within nine months from the date of the product change. The applicable tests and the applicable test standards will be those deemed by an *acceptable test facility*.<sup>1</sup>
- 6.5 Must be able to provide test report within 5 days upon request.

<sup>1</sup> *Acceptable test facility: An acceptable test facility is defined as an ISO 17025 accredited laboratory that is accredited by a nationally recognized body such as the Standards Council of Canada or the A2LA (American Association for Laboratory Accreditation), NVLAP (National Voluntary Laboratory Accreditation Program), or is listed in the Canadian General Standards Board (CGSB) Laboratory Acceptance Program for the applicable scope of testing requested.*

## 7.0 MANUALS & DATA

Closeout data for each configuration: Operation and Maintenance Data: Contractor must provide manufacturer's written instructions for maintenance of operable components and cleaning procedures. Within the documentation provided, it must contain the name of the original installation company and contact information.

## TECHNICAL REQUIREMENTS

### Detailed Product Description:

- Prefabricated Private Phone Booth are to be private compact freestanding pods that can be placed in an office design and relocated as required. Pods must include a work surface and a seat. Units to be self-contained with ventilation fan, lighting, electrical and data outlets for computers powered by plug-in standard wall outlet
- This specification details the technical and performance requirements for prefabricated Private Phone Booth for single and double occupant.
- All products must be new.

### List of product:

- 1- Single Occupant pre-fabricated phone booth
- 2- Double Occupant pre-fabricated phone booth

### 1.0 Detailed product description for single occupant- pre-fabricated phone booth

#### 1.1 Unit Perimeter Dimensions:

- 
- .1 Single occupant:  
Front: minimum 1016 mm (40 in.)  
Depth: minimum 737 mm (29 in.)
  - .2 Unit Height:  
Minimum height: 2032 mm (80 in.)  
Maximum height: 2311 mm (91 in.)
  - .3 Wall thickness:  
Maximum 102mm (4 in.)
  - .4 Interior of unit must have one bench style seating with work surface. Work surface should be able to accommodate one laptop.
- 1.2 Acoustic Performance:
- .1 Noise Insulation Class (NIC)
    - .1 Average minimum NIC 25 measured in accordance to ASTM E596 or ASTM E336. The testing unit must be tested as delivered with no modification or special additional sound treatment applied during test.
  - .2 Interior wall, floor covering material and acoustic requirement:
    - .1 Ceiling: Minimum NRC of 0.8 on at least 50% of ceiling surface (exclude Lights, and Fan areas)
    - .2 Walls: Minimum NRC of 0.8 on at least 25% of interior wall cover area
    - .3 Flooring: Anti-static and stain-resistant carpet
    - .4 Air equipment NC (Noise Criteria) Level:  
Maximum sound level when fan(s) are in full operations.
      - .1 Single occupant: maximum 35 dB
    - .5 Door Assembly: Minimum STC 25 (in accordance to ASTM E336 and ASTM E413)
- 1.3 Fire Alarm System
- .1 If the building is equipped with a fire alarm system, the sound pressure level inside the pod from a fire alarm audible signal device shall be not less than 65 dBA and not more than 110 dBA.
- 1.4 Comfort:
- .1 Air circulation:  
All products (electrical) to be ULC listed and CAN/CSA Approved.
  - .2 Ceiling mounted exhaust fan 120V with sensor control on/off
    - .1 Air Change: Minimum 21 L/s per occupant
    - .2 Make-up air from openings at finished floor height
  - .3 Lighting :  
All products (electrical) to be ULC listed and CAN/CSA Approved.  
Built in LED lighting fixture powered by the unit with sensor control on/off
    - .1 Light intensity: minimum average 300 lux (28 fc) illumination
    - .2 Light source: Energy efficient light source
- 1.5 Controls:
- .1 Sensor activated operating fan and lighting upon occupant entry to the unit. Automatic shut-off from 2 to 15 minutes timer delay when unit is not occupied.

- .2 If lighting is not sensor activated, lighting adjustment must be accessible and shall be located in a range between 400mm (15in) and 1200 mm (47in) from the floor.

#### 1.6 Furniture

Worksurface and seating arrangement must be able to allow occupant to perform task ergonomically in normal working posture. Reference BIFMA G1.

- .1 Worksurface:
  - .1 Design: Must be able to be integrated with pod or attached to interior wall.
  - .2 Material: HPL top. Must comply to CAN/CGSB 44.227 Surface finishing requirement.
  - .3 Suitable for laptop support.
- .2 Seating:
  - .1 Design: Must be integrated with pod or attached to interior wall
  - .2 All upholstered seating material must be complied to CAL-TB117
  - .3 Single Occupant Booth seating must accommodate comfortably one occupant.
- .3 Product testing:
  - .1 Must be tested and complied to all applicable ANSI/BIFMA testing.
- .4 Door
  - .1 Pivot / Swing door –pivot left
  - .2 Clear opening width for door: minimum 765 mm (30 in.)
  - .3 Glass or framed door with glass insert
  - .4 Structural performance to BIFMA x 5.6 Access door tests
  - .5 Acoustic performance with minimum STC 25 to ASTM E336 and ASTM E413
  - .6 Glass: tempered or laminated to CAN/CGSB-12.1 or ANSI 97.1
  - .7 Door seals: could be brush or foam receiver at closer side for sound isolation
  - .8 Door hardware and installation must comply to CSA B651, supplied by manufacturer
  - .9 Threshold:
    - For single occupant: max 104 mm (4 in.) high
  - .10 Doors must be open enable with one releasing operation

#### 1.7 Fire protection

- .1 The interior wall, ceiling and floor finishes shall have a flame spread rating (FSR) and smoke developed classification (SDC) that meet the minimum levels set in the NBC 2015. The FSR and SDC must be determined on the basis of testing conducted in conformance with ULC-S102:
  - .1 Flame Spread Rating:
    - .1 In Part 3 buildings that are sprinklered, Flame Spread Rating of interior wall and ceiling finishes: not more than 150



- .2 In Part 3 buildings that are not sprinklered, Flame Spread Rating: not more than 75
    - .2 In high buildings, Smoke Development: less than 450.
    - .3 Provide test report upon request.
  - .2 Sprinkler knockout
    - .1 The pod must have a sprinkler knock-out located on the top of the unit.
- 1.8 Electrical and data inside work pod**

Power outlets and electrical components inside the unit are to be powered by plug into power outlet from the building.  
All products (electrical) to be ULC listed and complied to CAN/CSA Approved

  - .1 Power Outlets:
    - .1 Single occupants: minimum Qty : 2 x 5-15R receptacles.
  - .2 USB Outlets:
    - .1 Single occupants: minimum Qty: 2 x USB (5V, 2.4A each min.)
  - .3 Data: Not Required
  - .4 Outlets location integrated into table top or in wall panel easily accessible from table top and complied to CAN/CSA B651 requirement.
- 1.9 Seismic Requirements**
  - .1 Include (but not limited to) connection and anchoring hardware to concrete slabs
  - .2 Submit seismic structural analysis report for evaluation upon request
- 1.10 Project Consideration**
  - 1.Electrical:
    - 1.1 Plug Requirements: Amperage and voltage of wall receptacle is: 20 amp, 120V.
  - 2. Fire Protection:
    - .1 Single occupant phone booth less than 1.5 m<sup>2</sup> or 48" x 48" with a ceiling height of 90" does not require sprinklering
    - .2 Phone booths exceeding 1.5 m<sup>2</sup> or 48" x 48", or any other similar type pods that accommodate more than one person must be sprinklered if they are located in sprinklered buildings.
    - .3 Phone booths must have a minimum clearance of 18 inches with any overhead/ceiling sprinkler
    - .4 Careful consideration with regards to the placement of the phone booth towards the fire alarm speakers must be made. The minimum/maximum audibility levels of the fire alarm system must meet the levels set in the NBC 2015 (min 65 dBA not being less than 10 dBA above ambient, and a max. of 110 dBA) must be achieved in the phone booth with the door shut.
    - .5 Interior and exterior finishes must have a maximum FSI (flame spread index) of 25 in accordance to ASTM E84
- 1.11 Finishes Selection**
  - 1. Finish Choices

- .1 The supplier must submit electronic samples by bid closing for approval. After contract award, the supplier must also submit samples of proposed finishes, approximate size as follow: 200 x 300 mm of panel colours, textures and finishes and approximately 300 mm long samples of trim.
- .2 The Project Authority will provide the Contractor with a written notice of Canada's finish choices for each of the products(s). the Contractor will deliver the products corresponding to Canada's choice of specific finishes(s).
- .3 No additional charge will be applied to Canada
- .4 Identified User is to consult the Supplier's Website identified in part 6A of the SA to view the available finishes
- .5 Within ten business days of the contract award, the Project Authority will provide the Contractor with a written notice of Canada's finish choices for each of the product(s) in Annex A.
- .6 A minimum of 3 color options per finish must be available.

## **2.0 Detailed product description for double occupant- pre-fabricated phone booth**

### **2.1 Unit Perimeter Dimensions:**

- .1 Double occupant:  
Front: minimum 1905 mm (75 in.)  
Depth: minimum 1143 mm (45 in.)
- .2 Unit Height:  
Minimum height: 2032 mm (80 in.)  
Maximum height: 2311 mm (91 in.)
- .3 Wall thickness:  
Maximum 102mm (4 in.)
- .4 Interior of unit must have two banquette style seating with work surface, tv mount and power module.

### **2.2 Acoustic Performance:**

- .1 Noise Insulation Class (NIC)
  - .1 Average minimum NIC 25 measured in accordance to ASTM E596 or ASTM E336. The testing unit must be tested as delivered with no modification or special additional sound treatment applied during test.
- .2 Interior wall, floor covering material and acoustic requirement:
  - .1 Ceiling: Minimum NRC of 0.8 on at least 50% of ceiling surface (exclude Lights, and Fan areas)
  - .2 Walls: Minimum NRC of 0.8 on at least 25% of interior wall cover area
  - .3 Flooring: Anti-static and stain-resistant carpet
  - .4 Air equipment NC (Noise Criteria) Level:  
Maximum sound level when fan(s) are in full operations.
    - .1 Double occupants: maximum 40 dB
  - .5 Door Assembly: Minimum STC 25 (in accordance to ASTM E336 and ASTM E413)

### **2.3 Fire Alarm System**

- .1 If the building is equipped with a fire alarm system, the sound

pressure level inside the pod from a fire alarm audible signal device shall be not less than 65 dBA and not more than 110 dBA.

#### 2.4 Comfort:

- .1 Air circulation:  
All products (electrical) to be ULC listed and CAN/CSA Approved.
- .2 Ceiling mounted exhaust fan 120V with sensor control on/off
  - .1 Air Change: Minimum 21 L/s per occupant
  - .2 Make-up air from openings at finished floor height
- .3 Lighting :  
All products (electrical) to be ULC listed and CAN/CSA Approved.  
Built in LED lighting fixture powered by the unit with sensor control on/off
  - .1 Light intensity: minimum average 300 lux (28 fc) illumination
  - .2 Light source: Energy efficient light source
  - .3 Dimmable control by occupant must be accessible and shall be located in a range between 914mm (36in) and 1200mm (48in) from finished floor.

#### 2.5 Controls:

- .1 Sensor activated operating fan and lighting upon occupant entry to the unit. Automatic shut-off from 2 to 15 minutes timer delay when unit is not occupied.
- .2 If lighting is not sensor activated, lighting adjustment must be accessible and shall be located in a range between 400mm (15in) and 1200 mm (47in) from the floor.

#### 2.6 Furniture

Worksurface and seating arrangement must be able to allow occupant to perform task ergonomically in normal working posture. Reference BIFMA G1.

- .1 Worksurface:
  - .1 Design: Must be integrated with pod or attached to interior wall.
  - .2 Material: HPL top. Must comply to CAN/CGSB 44.227 Surface finishing requirement.
  - .3 Table width must accommodate 1 to 2 person on each side
  - .4 Table height: min: 673mm (26.5in). Max 711mm (28in)
- .2 Seating:
  - .1 Design: Must be integrated with pod or attached to interior wall
  - .2 All upholstered seating material must be complied to CAL-TB117
  - .3 Double Occupant Booth seating must accommodate comfortably 2-4 occupants
  - .4 Must include a 2 person sofa on each side of the pod.
- .3 Monitor Mount:
  - .1 Monitor mount must be integrated with pod or attached to worksurface
- .3 Product testing:
  - .1 Must be tested and complied to all applicable ANSI/BIFMA

testing.

.4 Door

- .1 Pivot / Swing door –pivot left
- .2 Clear opening width for door: minimum 765 mm (30 in.)
- .3 Glass or framed door with glass insert
- .4 Structural performance to BIFMA x 5.6 Access door tests
- .5 Acoustic performance with minimum STC 25 to ASTM E336 and ASTM E413
- .6 Glass: tempered or laminated to CAN/CGSB-12.1 or ANSI 97.1
- .7 Door seals: could be brush or foam receiver at closer side for sound isolation
- .8 Door hardware and installation must comply to CSA B651, supplied by manufacturer
- .9 Threshold:  
For multiple occupants: max 104 mm (4 in.) high
- .10 Doors must be open enable with one releasing operation

2.7 Fire protection

- .1 The interior wall, ceiling and floor finishes shall have a flame spread rating (FSR) and smoke developed classification (SDC) that meet the minimum levels set in the NBC 2015. The FSR and SDC must be determined on the basis of testing conducted in conformance with ULC-S102:
  - .1 Flame Spread Rating:
    - .1 In Part 3 buildings that are sprinklered, Flame Spread Rating of interior wall and ceiling finishes: not more than 150
    - .2 In Part 3 buildings that are not sprinklered, Flame Spread Rating: not more than 75
  - .2 In high buildings, Smoke Development: less than 450.
  - .3 Provide test report upon request.
- .2 Sprinkler knockout
  - .1 The pod must have a sprinkler knock-out located on the top of the unit.

2.8 Electrical and data inside phone booth

- Power outlets and electrical components inside the unit are to be powered by plug into power outlet from the building.  
All products (electrical) to be ULC listed and complied to CAN/CSA Approved
- .1 Power Outlets:
    - .1 minimum Qty : 2 x 5-15R receptacles.
  - .2 USB Outlets:
    - .1 minimum Qty: 2 x USB (5V, 2.4A each min.)
  - .3 Data: Optional
  - .4 Outlets location integrated into table top or in wall panel easily accessible from table top and complied to CAN/CSA B651 requirement.

2.9 Seismic Requirements

- .1 Include (but not limited to) connection and anchoring hardware to concrete

- slabs
- .2 Submit seismic structural analysis report for evaluation upon request

#### 2.10 Project Consideration

##### 1. Electrical:

- 1.1 Plug Requirements: Amperage and voltage of the wall receptacle is 20 amp, 120V.

##### 2. Fire Protection:

- .1 Single occupant phone booth less than 1.5 m<sup>2</sup> or 48" x 48" with a ceiling height of 90" does not require sprinklering
- .2 Phone booths exceeding 1.5 m<sup>2</sup> or 48" x 48", or any other similar type pods that accommodate more than one person must be sprinklered if they are located in sprinklered buildings.
- .3 Phone booths must have a minimum clearance of 18 inches with any overhead/ceiling sprinkler
- .4 Careful consideration with regards to the placement of the phone booth towards the fire alarm speakers must be made. The minimum/maximum audibility levels of the fire alarm system must meet the levels set in the NBC 2015 (min 65 dBA not being less than 10 dBA above ambient, and a max. of 110 dBA) must be achieved in the phone booth with the door shut.
- .5 Interior and exterior finishes must have a maximum FSI (flame spread index) of 25 in accordance to ASTM E84

#### 2.11 Finishes Selection

##### 1. Finish Choices

- .1 The supplier must submit electronic samples by bid closing for approval. After contract award, the supplier must also submit samples of proposed finishes, approximate size as follow: 200 x 300 mm of panel colours, textures and finishes and approximately 300 mm long samples of trim.
- .2 The Project Authority will provide the Contractor with a written notice of Canada's finish choices for each of the products(s). the Contractor will deliver the products corresponding to Canada's choice of specific finishes(s).
- .3 No additional charge will be applied to Canada
- .4 IU is to consult the Supplier's Website identified in part 6A of the SA to view the available finishes
- .5 Within ten business days of the contract award, the Project Authority will provide the Contractor with a written notice of Canada's finish choices for each of the product(s) in Annex A.
- .6 A minimum of 3 color options per finish must be available.

Solicitation No. - N° de l'invitation

EC373-220094/A

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EC373-220094

Amd. No. - N° de la modif.

001

File No. - N° du dossier

MCT-1-44017

Buyer ID - Id de l'acheteur

mct042

CCC No./N° CCC - FMS No./N° VME

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