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V6Z 0B9  
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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 - Pacific  
Region  
800 Burrard Street, Room 219  
800, rue Burrard, pièce 219  
Vancouver  
British C  
V6Z 0B9

<b>Title - Sujet</b> Washroom Buildings	
<b>Solicitation No. - N° de l'invitation</b> EZ899-172848/A	<b>Amendment No. - N° modif.</b> 012
<b>Client Reference No. - N° de référence du client</b>	<b>Date</b> 2017-07-25
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWY-015-8080	
<b>File No. - N° de dossier</b> PWY-7-40015 (015)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-07-27</b>	<b>Time Zone Fuseau horaire Pacific Daylight Saving Time PDT</b>
<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> Chan (PWY), Scarlett	<b>Buyer Id - Id de l'acheteur</b> pwy015
<b>Telephone No. - N° de téléphone</b> (604) 369-7853 ( )	<b>FAX No. - N° de FAX</b> (604) 775-6633
<b>Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:</b> Parks Canada (PCA) - Pacific Rim National Park - Tofino, BC	

**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 Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur</b>	
<b>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)</b>	
<b>Signature</b>	<b>Date</b>

Solicitation No. - N° de l'invitation  
EZ899-172848/A

Amd. No. - N° de la modif.  
012

Buyer ID - Id de l'acheteur  
pwy015

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

File No. - N° du dossier  
PWY-7-40015

CCC No./N° CCC - FMS No/ N° VME

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### **Solicitation Amendment 012**

This solicitation amendment is raised to include Addendum #7. All other terms and conditions remain unchanged.

## ADDENDUM #7

Date: July 24, 2017

PACIFIC RIM NATIONAL PARK  
WASHROOM BUILDINGS  
TOFINO, B.C.  
Project No: R.078666.001

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The following revisions supersede the information contained in the original drawings and specification issued for the above named project, and shall become part thereof. No consideration will be allowed for extras due to the contractor or any subcontractor not being familiar with this Addendum.

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### 1.0 ARCHITECTURAL SPECIFICATIONS

#### 1.1 Specification Section 06 40 00 Architectural Woodwork

Delete :

.1	Quartz Surface (SS-1)		
.1	Composition:		
.1	Synthetic resin - <10% by weight		
.2	Quartz (Crystalline silica) - >40-90% by weight		
.3	Colorant - <1% by weight		
.4	Additives - <1% by weight		
.2	Technical Data:		
.1	Abrasion Resistance (Weight Loss):	To ASTM D 4060	1094 mg
.2	Izod Impact Strength:	To ASTM D 256 (Method A)	13.3 J/m
.3	Boiling Water Resistance	To NEMA LD3 2000 3.5	No Effect
.4	Colorfastness	To ANZI Z124.6.5.1	Pass
.5	Compression Strength (Dry)	To ASTM C 170	209 MPa
	Compression Strength (Wet)	To ASTM C 170	203 MPa
.6	Density	To KSF 2530	4.465 g/cm <sup>3</sup>
.7	Deflection Temperature Under Load (1.82 MPa)	To ASTM D 648	243° C
.8	Flammability Flame Spread Smoke Developed	To ASTM E-84, NFPA 255	Class A
.9	Flexural Modulus Flexural Strength	To ASTM D 790 To ASTM D 790	39.7 GPa 41.4 MPa
.10	Freeze & Thaw Cycling	To ASTM C 1026	Unaffected
.11	Fungal & Bacterial Resistance	To ASTM G 21	No Growth
.12	Barcol Hardness	To ASTM D 2583	86
.13	Rockwell Hardness (HRM)	To ASTM D 785 (Procedure	115

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CHERNOFF THOMPSON ARCHITECTS

07/21/2017  
Addendum #7

PROJECT NO.: R 078666.001  
CTA Project #35030

## ADDENDUM #7

Date: July 24, 2017

PACIFIC RIM NATIONAL PARK  
 WASHROOM BUILDINGS  
 TOFINO, B.C.  
 Project No: R.078666.001

The following revisions supersede the information contained in the original drawings and specification issued for the above named project, and shall become part thereof. No consideration will be allowed for extras due to the contractor or any subcontractor not being familiar with this Addendum.

.14	Point Impact	To ANSI Z124.6.4.2.1	Pass
.15	Slip Resistance Static Coefficient of Friction (Dry) Static Coefficient of Friction (Wet)	To ASTM To C1028 To ASTM To C1028	0.67 0.49
.16	Stain Resistance	To ANSI Z124.6.5.2	Pass
.17	Tensile Strength	To ASTM D 638	17.8 MPa
.18	Thermal Expansion	To ASTM D-696	1.52 x10 <sup>-5</sup> in/in/°C
.19	Water Absorption Long-term & Short-term	To ASTM D 570 (24hr. Immersion)	<0.011%
20	Wear & Cleanability	To ANSI Z124.6.5.3	Pass
.3	Thickness: 13 mm UNO		
.4	Colour: Turquoise with randomly spaced translucent fine tone-on-tone particles.		
.5	Sheet Size: As shown on drawings		
.6	Acceptable Product: Refer to Interior Finish Material and Colour Schedule		

Add :

- .1 Solid Surface (SS-1)
  - .1 Material:
    - .1 Non-porous, homogeneous material maintaining the same composition throughout the part with a composition of polyester or acrylic polymer, aluminum trihydrate filler and pigment.
  - .2 Technical Data:
    - .1 Specific Gravity: 20.6 grams/cu. in.
    - .2 Hardness: 45, when tested in accordance with ASTM D2583.
    - .3 Elongation: 0.38%, when tested in accordance with ASTM D638.
    - .4 Tensile strength: 2,440psi, when tested in accordance with ASTM D638.
    - .5 Tensile Modulus: 6.5 x 10<sup>5</sup>, when tested in accordance with ASTM D638.
    - .6 Abrasion Resistance at 1000 cycles: 0.5 grams, when tested in accordance with ASTM C501.
    - .7 Water Absorption after 24 hours: .03%, when tested in accordance with ASTM D570.
    - .8 Izod Impact Foot Pounds per Inch: .02, when tested in accordance with ASTM D256.
    - .9 Impact Resistance 1/2 Pound: No Fracture, when tested in accordance with NEMA LD3-3.3.
    - .10 Linear Thermal Expansion: 3.3 x 10<sup>-5</sup>, when tested in accordance with ASTM D696.

## ADDENDUM #7

Date: July 24, 2017

PACIFIC RIM NATIONAL PARK  
WASHROOM BUILDINGS  
TOFINO, B.C.  
Project No: R.078666.001

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- .11 High Temperature Resistance: No Effect, when tested in accordance with NEMA LD3-3.6.
- .12 Boiling Water Resistance: No Effect, when tested in accordance with NEMA LD3-3.5.
- .13 Stain Resistance: No Effect, when tested in accordance with NEMA LD3-3.9.
- .14 Weight per sq. ft., 12.7 mm thickness: 1.4 kg.
- .3 Thickness: 13 mm UNO
- .4 Color: Light blue green tint with randomly spaced tone-on-tone particles. Entire sheet to be translucent.
- .5 Sheet Size: As shown on drawings.
- .6 Acceptable Product: Antique Glass Satin K3-8455 by AVONITE STUDIO (Upper Canada Forest Products)

### 2.0 MECHANICAL SPECIFICATIONS

Refer to Mechanical Specifications, Section 22 40 00 Plumbing Fixtures, Part 2 Products, 2.1 Manufactured Units, Item SH-2. Revise to read :

SH-2 Provide and install Pylon Shower with four (4) stations and one (1) foot station. Pylon shall be heavy 14 gage, type 304 stainless steel with a satin finish and enviro glaze. Pylon shall be factory pre-piped and hydrostatically tested to 150 PSI. Anchor base shall be heavy steel plate with a rust preventative coating. Shower head discharge height shall be at 2 meters (6'-6"). Installation shall be made in accordance with manufacturer's recommendations and details.

Shower Heads are to be with solid brass, triple chrome-plated and will include a 2.2 GPM flow restrictor (standard spray nozzle). The Shower Head design provides self-cleaning with every use, and has an adjustable spray pattern from a coarse stream to a fine mist.

Bronze Valve Bodies will be with Meter-Matic controls (adjustable between 5 and 50 seconds, set at 30 seconds). Fittings for connecting to 25 mm NPT pipe are to be furnished. Provide unit shut-off valve.

Provide Anchor Plate cold rolled steel with a rust preventative coating and a secure mounting for the Pylon.

Furnish all exposed tamper-resistant fasteners necessary to complete the on-site shower assembly installation. Provide Re-bar imbedded in the concrete slab. Complete installation as per manufacturer's instruction.

Acceptable product: Acorn Pylon Shower Model 947-EG-FS-GG.

Refer to Architectural Drawings for concrete base, gravel pit and grate.

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**CHERNOFF THOMPSON ARCHITECTS**

**07/24/2017**  
**Addendum #7**

**PROJECT NO.: R.078666.001**  
**CTA Project #35030**

## ADDENDUM #7

Date: July 24, 2017

PACIFIC RIM NATIONAL PARK  
WASHROOM BUILDINGS  
TOFINO, B.C.  
Project No: R.078666.001

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The following revisions supersede the information contained in the original drawings and specification issued for the above named project, and shall become part thereof. No consideration will be allowed for extras due to the contractor or any subcontractor not being familiar with this Addendum.

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### **3.0 MECHANICAL DRAWINGS**

Refer to Plumbing Drawings P-1, 2, 3 & 4: Revise number of plumbing fixtures at tags for exterior shower from 3@ SH-2 to 1@ SH-2. A number of shower heads is indicated in description for SH-2.

### **4.0 QUESTIONS AND ANSWERS**

Q1. The geotechnical report indicates depth of stripping to be up to 1.5 meters bgs and also "Local areas not investigated at each of the sites may be underlain by thicker deposits of fill or other unsuitable materials" Please confirm additional cost for excavation and backfill materials required beyond the 1.5 bgs depth will be considered as additional work.

A.1 Excavation and backfill materials required beyond the 1.5 bgs depth will be considered as additional work.

Q2. Can you clarify which division is responsible for the mechanical controls scope, mechanical or electrical. Page E08 Note 6 mentions it is electrical scope, while electrical spec [26 95 00 3.1](#) (page 67) makes this EC Scope. This is further confused by mechanical schedule also putting the controls within mechanical scope. Please confirm which division control wiring for equipment/heaters falls under, mechanical or electrical.

A2. The supply and installation of mechanical controls equipment shall be as noted on the Electrical drawings and specifications (see Appendix A Mechanical Equipment Schedule after spec section 26 95 00 for details). Controls wiring for mechanical equipment is by the electrical contractor, as per specifications Section 26 95 00, Item 1.2.11.

Q3. Our stone fabricator has confirmed that SS-1 Hanstone CW102 Slice of Ice is discontinued. Please specify an alternate.

A3. Refer to item 1.0 of addendum 7.

### **4.0 CLARIFICATION**

Question and Answer 10 in Addendum 5 is hereby revoked.

END OF ADDENDUM #7