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Bid Receiving Public Works and Government
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800 Burrard Street, Room 219
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Vancouver
British Columbia
V6Z 0B9
Bid Fax: (604) 775-9381

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

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

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
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)	
Signature	Date

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

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

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.

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 ³
.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

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
	Slip Resistance		
.15	Static Coefficient of Friction (Dry)	To ASTM	0.67
	Static Coefficient of Friction (Wet)	To C1028	0.49
		To ASTM	
		To C1028	
.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 ⁻⁵ 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 10⁵, 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 10⁻⁵, when tested in accordance with ASTM D696.

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

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.

- .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.

CHERNOFF THOMPSON ARCHITECTS

07/24/2017
Addendum #7

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ADDENDUM #7

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

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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