

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Bid Receiving Public Works and Government
Services Canada/Réception des soumissions Travaux
publics et Services gouvernementaux Canada
800 Burrard Street, 12th floor
800, rue Burrard, 12e étage
Vancouver
British Columbia
V6Z 2V8
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, 12th floor
800, rue Burrard, 12e étage
Vancouver
British C
V6Z 2V8

Title - Sujet New 96 Bed Living Unit - PIRTC	
Solicitation No. - N° de l'invitation EZ899-123081/A	Amendment No. - N° modif. 002
Client Reference No. - N° de référence du client	Date 2012-05-01
GETS Reference No. - N° de référence de SEAG PW-\$PWY-005-6657	
File No. - N° de dossier PWY-1-34503 (005)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2012-05-08	
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: Pillay, Sal (PWY)	Buyer Id - Id de l'acheteur pwy005
Telephone No. - N° de téléphone (604) 775-9386 ()	FAX No. - N° de FAX (604) 775-6633
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: CSC - Pacific Institution, Abbotsford, B.C.	

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

EZ899-123081/A

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

Amd. No. - N° de la modif.

002

File No. - N° du dossier

PWY-1-34503

Buyer ID - Id de l'acheteur

pw005

CCC No./N° CCC - FMS No/ N° VME

Les documents français seront disponibles sur demande

The following changes in the tender documents are effective immediately. This addendum will form part of the Contract Documents.

DIVISION 1 TO 11 SPECIFICATIONS

SECTION 07 21 29.04 SPRAYED INSULATION-WATER BLOWN POLYURETHANE

2.1 FOAMED IN PLACE INSULATION

1.0 2.1.1 Revise the clause as follows:

1.1 Medium Density Closed Cell Polyurethane Foam Spray Insulation. The material expands to provide a flexible foam blanket of millions of tiny air cells to fill cavities and seal cracks and crevices. The material does not contain formaldehyde, cfc's, hcfc's, hfa's or volatile organic compounds and is vapour permeable.

2.0 2.1.2 Revise the clause as follows:

2.1 Thermal Resistance: RSI 1.97 m² 0C/W per 25 mm.

3.0 2.1.3 Revise the clause as follows:

3.1 Air Permeability: 0.00005 L/S-m² @75 Pa for 50 mm.

3.2 Water Vapour Permeance: 36 ng (Pa.s.m²) @ 50 mm thick.

ARCHITECTURAL PWGSC/CSC APPROVALS

09 65 16	Harmonium XF Linoleum	NOT APPROVED
07 21 29.03	Icynene MDC200	NOT APPROVED

ARCHITECTURAL QUESTIONS & ANSWERS

Question:

Also, there is a detail (25/A406) for transition pieces at concrete floor, in this detail it calls out a stainless steel screen.

Are we to provide this as a complete embedment? Is there a detail for the screen?

Answer:

The word screen should read Screed

The intent of the detail is to install a permanent Stainless Steel Screed and a temporary Stainless Steel Plate. After the concrete is placed the temporary Plate is removed and a permanent Stainless Steel Plate installed and the floor is patched. This is to ensure that when the resilient floor is installed there is zero step and eliminated any possible trip hazard. The scope is shown on the floor plans A403 and A404.

Question:

Please clarify Type 5 insulation - The specs describe it as Icynene open-cell on page 2 of 3 in Section 07 21 29.04, and the drawings - on A340, Detail 1 describe Type 5 as closed-cell spray foam. There's a big difference between the two products in density, price and R-value. Open-celled LC D 50 Icynene has a density of 1/2 lb. while Icynene MD-C 200 closed-cell has a 2 lb density, and is comparable in all technical aspects to 2 lb in other brands. Open-celled 1/2 lb foam is generally about 1/3 less expensive per square foot, and would make a significant difference in the quote (especially if we could use it on the exterior instead of the 2 lb they have specified).

Answer:

Closed Cell is required, refer to revision to section 07 21 29.04 above.

Question:

On Drawing A100, there are two underground structure shown, the Fire Fighting Reservoir and the Underground Detention System. Could you provide us with the details of these two items, including size, depth and composition?

Answer:

This information does not existing on this drawing.

Question:

On the same drawing, there is a Retaining wall noted along the west side of the property. The wall in noted to have a maximum height of 1.2 m. Is the wall to have this height for its entire length, or will the height be variable?

Answer:

There is no retain Wall noted for this project.

Question:

It is our intention to bid as a subcontractor on the glass and aluminum work for the above mentioned project, specifically Sections 08 50 00 and 08 80 50, including related items specifically related under Section 11 19 00.

Having been involved in the tendering and construction of the Kent Institute, and currently the Mission and Matsqui Institutes, I have some concern regarding the specification for the detention windows. Section 08 50 00, Item 1.6.3 specifically requests a custom made “detention grade aluminum knob and vent actuator” for the operable vents to work in conjunction with an interior perforated plate. This requirement is also specified under Section 11 19 00.

Please note while this custom operator was provided at the Maximum Security Kent Institute, requirements for same were not part of the Matsqui project, and were deleted in an addendum from the requirements for the Mission project.

Please also note that there is no perforated screen at the vent locations.

In light of the past history, could you please confirm that this custom detention vent hardware will be part of the requirements for the Pacific Institution.

In addition, Section 0o8 50 00 Item 2.2 specifies a Kawneer 526 vent. Please note this vent currently is only guaranteed to meet a water tightness of B5.

Thank you for your attention to these items.

Answer:

Yes there is a custom operator required as part of this project. The operator assembly is not protected by a grille as in the Kent project. The operator must be housed in a secure enclosure that fits into the space dictated by the window design. That is it cannot be tampered with by inmates.

B5 for water tightness is acceptable.

STRUCTURAL QUESTIONS & ANSWERS

Question:

Dwg S2.01 – brace bay #5 show bracing as HSS152x152 – S401 show it as HSS89x89 – which is correct?

Answer:

This question was responded to in addendum 1.

MECHANICAL QUESTIONS & ANSWERS

Question:

I was not able to find any scale identification on the mechanical drawings that we printed off for the 96 Bed Living Unit, Pacific Institution Regional Treatments Center, Abbotsford BC project. I was hoping to find out soon so I can do a proper take off.

Answer:

Drawing scale is 1:100 printed at full size, same as architectural.

Question:

Please provide tag numbers for the Radiant Floor Heating Manifolds and exactly which rooms they serve.

Answer:

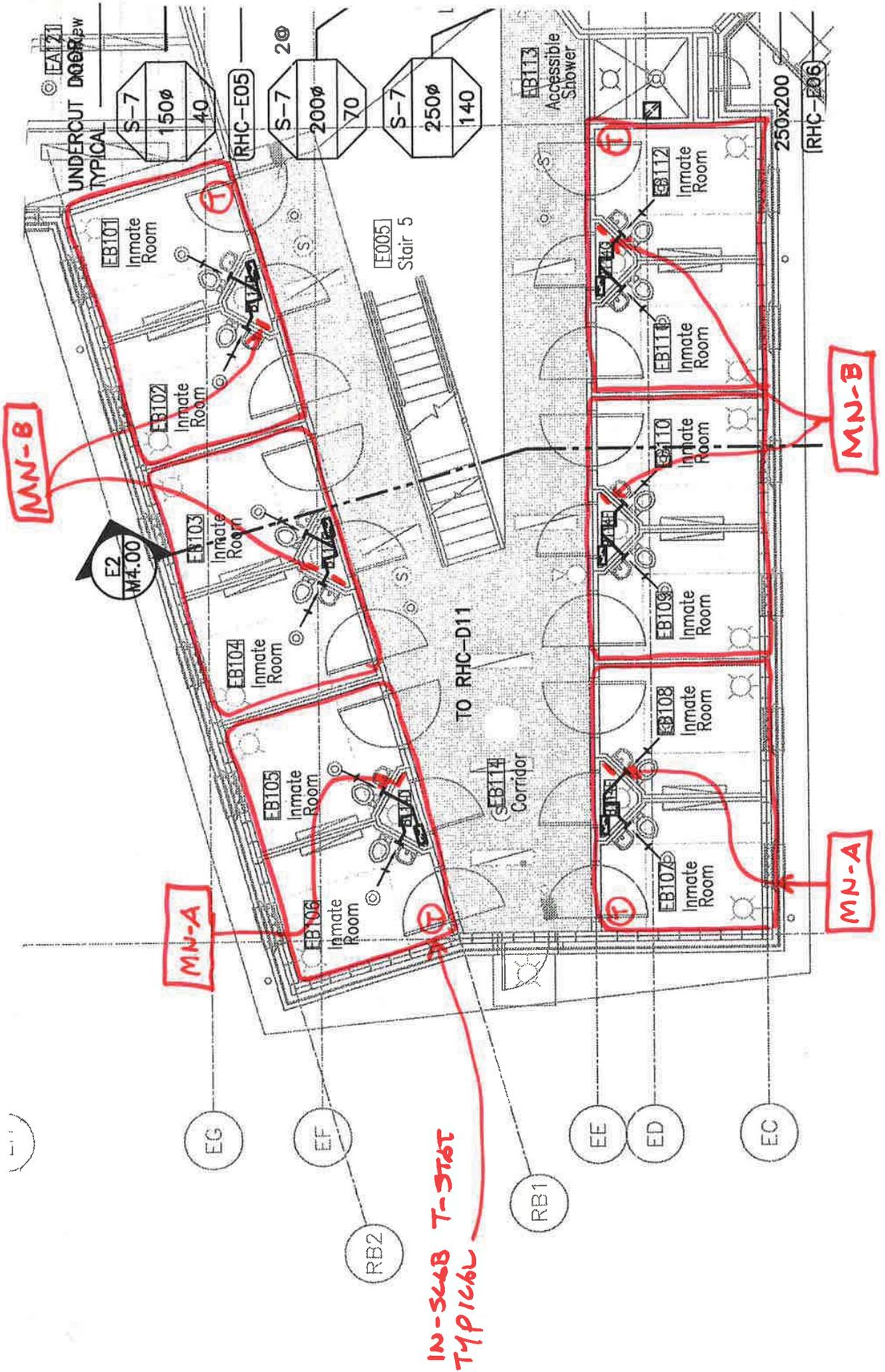
Mechanical Contractor to refer to sketch and schedule attached for typical inmate zones, manifold location, in slab t-stat location and loads as requested.

End of Addendum 1

SK-1

STARTER APR 24/12

* TYPICAL MANIFOLD ZONES FOR EACH RANGE AND BOTH LEVELS



IN-SLAB T-TYPICAL

SM-2

SKB-TEL

APR 24/12

RADIANT HEATING MANIFOLDS

TAG	CAPACITY kW (MBH)	1/s (GPM)	EWT/LWT C (F)	P.D Pa (Ft)	NO. OF CIRCUITS	PEX PIPE SIZE (mm)	HTG. AREA sq.m (sq.ft)	FLOOR TEMP C (F)	FLOOR FINISH	NOTE
MN-A	0.76 (2.5)	0.03 (.41)	43/35 (110/95)	1 (0.44)	2	16	13.57 (146)	26.7 (80)	CONCRETE	1,2,3,4,5,6
MN-B	0.59 (2)	0.02 (.33)	43/35 (110/95)	1 (0.3)	2	16	13.57 (146)	26.11 (79)	CONCRETE	1,2,3,4,5,6

NOTES:

- HEAT LINK MODEL 76100
- 150 mm PIPE SPACING
- 65mm CONCRETE TOPPING
- STAINLESS STEEL MANIFOLD C/W FLOW METERING
- MANIFOLD ASSEMBLY DEPTH TO BE 88 mm
- INSTALL INSIDE HEATLINK 71500 SERIES CABINET WITH ADJUSTABLE DEPTH AND LOCKING, REMOVABLE DOOR