

**RETURN BIDS TO:**  
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**Public Works Government Services Canada- Bid**  
**Receiving / Réception des soumissions**  
**189 Prince William Street**  
**Room 421**  
**Saint John**  
**New Brunswick**  
**E2L 2B9**

**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 Government Services Canada- Bid**  
**Receiving / Réception des soumissions**  
**189 Prince William Street**  
**Room 421**  
**Saint John**  
**New Bruns**  
**E2L 2B9**

<b>Title - Sujet</b> Const.Svcs, Westmorland Inst, N.B.	
<b>Solicitation No. - N° de l'invitation</b> EC016-132714/A	<b>Amendment No. - N° modif.</b> 012
<b>Client Reference No. - N° de référence du client</b> R.043939.001	<b>Date</b> 2013-02-01
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWB-020-3192	
<b>File No. - N° de dossier</b> PWB-2-35125 (020)	<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> <b>on - le 2013-02-06</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Atlantic Standard Time AST
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Donovan, Janine PWB	<b>Buyer Id - Id de l'acheteur</b> pwb020
<b>Telephone No. - N° de téléphone</b> (506) 636-5347 ( )	<b>FAX No. - N° de FAX</b> (506) 636-4376
<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>

This Tender Amendment No. Twelve (12) is raised to include the following Addendum No. Twelve (12).

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

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

Addendum No. 12.

**1. SPECIFICATION**

- 1. Section 01 52 00 - CONSTRUCTION FACILITIES: DELETE Paragraph 1.13 CONSTRUCTION SIGNAGE**
- 2. Section 05 50 00 - METAL FABRICATIONS: DELETE Paragraph 2.8 ACCESS LADDERS**

**2. DRAWINGS**

- 1. Drawing A300 - Elevations:** Change material tag 6 from CORRUGATED METAL ROOF to SHEET METAL ROOFING.
- 2. Drawing 1&4/A300 - Elevations:** Change snow protection to suit revised sheet metal roofing profile.
- 3. Drawing A500&A501 - Wall Sections, A600 - Section Details:** Change all occurrences of note describing below grade insulation from 40MM RIGID INSULATION to RIGID INSULATION.
- 4. Drawing A500&A501 - Wall Sections, A600 - Section Details:** Change all occurrences of note describing metal roof profile from 22MM GALVANIZED CORRUGATED PANELS to SHEET METAL ROOFING. Refer to Addendum 7.
- 5. Drawing A500&A501 - Wall Sections, A600 - Section Details:** Change all roof assemblies to Preformed Standing Seam Panel system with Z girts to suit system. Refer to Addendum 7.

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6. **Drawing A500&A501 - Wall Sections, A600 - Section Details, A700 - Plan Details:** Change all occurrences of note SEMI RIGID INSULATION in exterior wall assemblies to HIGH DENSITY BATT INSULATION specified at Section 07 21 16. Refer to Addendum 7.
7. **Drawing 7&8/A600 - Section Details:** Change the fiberboard on 7&8/A600 from 20mm to 12mm.
8. **Drawing 8/A600 - Section Details:** Add notes describing Continuous Angle (L64 x 76 x 6.4) Long Leg Vertical, splices to be complete penetration welds.

### 3. QUESTIONS AND ANSWERS

Q1: Are the footings to be founded on insitu soil as per soil report recommendations or are they to be founded on 300mm of engineered fill as per note 2 on drawing S100?

A1: Footings are to be founded on 300 mm of engineered fill as per Note 2 on drawing S100.

Q2: Please indicate the type of fill required at the inside and outside of the foundation walls and at the underside of the slab on grade?

A2: Refer to Geotechnical Report Addendum 2

Q3: During the site meeting representatives from Public Works indicated that Corcan would be responsible for some work. Could you please provide a detailed list of the work Corcan will be undertaking?

A3: The following items are not in contact, by CSC:

1. Landscape areas (as indicated on drawing C200) to be covered with 100mm of topsoil and seeded with grass.
2. Priming and finish painting of interior gypsum board walls and ceilings and metal doors and frames will be performed by the Owner's own forces. Schedule and coordinate work performed by the Owner to not cause delays in the Work (refer to Addendum 7).

Q4: Would like to clarify the specifications and model of the water meter to be supplied by the plumbing contractor.

A4: Water meter shall be 38diam c/w monitoring capabilities to Westmorland Institutions standards.

Q5: Amendment #3 says to delete Section 22 52 10 Item 2.8. This section and item number refers to deleting the Glycol. However in Amendment #8, Question 12 says the Heating system is charged with Glycol. Could you please clarify again if the system is filled with Glycol or not.

A5: Currently we have (2) references to a Hydronic System Feeder/Glycol Fill System in our specification. One at section 22 42 01-2.9 and one at section 22 52 10-2.8. We have only deleted the reference to Glycol Fill System at section 22 52 10-2.8 while referring the bidders to Hydronic System Feeder at section 22 42 01-2.9. The requirement for glycol in section 22 52 10-2.9 still remains.

Below is the wording from the addendum:

**Section 22 52 10 - 2.8:** - Glycol Fill System: Delete Section 2.8 in its entirety. Refer to Section 22 42 01 - 2.9

Q6: If the system is to be filled with Glycol as per Section 22 52 10 Item 2.8 I would like to point out that the spec is asking for 20% Propylene Glycol. A 20 wt% solution of Dowfrost Propylene Glycol provides a freeze protection of -7 deg C however Dow Chemical, the Glycol Manufacturer, recommends a min concentration of 30% in order to have the proper concentration of corrosion inhibitors present in the glycol. Should you choose to continue with a 20% solution you may need to add additional inhibitors, at an additional cost. Please see attached data sheet showing the freezing point as well as the statement that a min of 30% is recommended.

A6: Increase the concentration to of glycol to 30%.

Q7: Could you clarify the water and gas safety valve in the DHWT detail.

A7: Water and gas shut off valve shall be drip pan mounted and shall be activated by a predetermined water level in the pan. Once activated the valve shall shut off the water and gas supply and indicate with a red pop-up tab. TACO WAGS valve or approved equal.

Q8: After viewing the sprinkler plan M400 issued for tender, we noticed the typical branch lines protecting the warehouse area, are running parallel to the steel joists. Can the system be designed so that the branch lines run opposite of the joist so they can be used to hang pipe. Otherwise this design will nearly double the installation time and material, having to use trapeze bars on every hanger. If the current design is to insure proper drainage, other methods could be applied to insure the same.

A8: Sprinkler branch can be run opposite of joists provided the piping is drainable.

Q9: Spec (01 52 00) refers to a project sign with a concrete base. Will a design be forthcoming or shall we disregard?

A9: Disregard, sign is not required.

Q10: Please confirm that building permits will be provided by the owner.

A10: Contractor to provide permits.

Q11: We understood from the site meeting that a Commissionaire would be provided by the owner onsite (jobsite) fulltime during normal working hours. Does this security coverage extend to overnights or weekends?

A11: Commissionaires are provided during normal working hours only (no nights or weekends).

Q12: Beyond electricity, what services are required to be provided in the "Client Site Trailer"?

A12: Refer to Section 01 52 00 CONSTRUCTION FACILITIES Paragraph 1.10 OFFICES.

Q13: Are there any Westmorland Institution specific requirements of the temporary site fencing?

A13: Refer to Section 01 56 00 - TEMPORARY BARRIERS AND ENCLOSURES Paragraph 1.3 HOARDING.

Q14: Detail 31L/S301 indicates a concrete catch basin but 8/M100 indicates a prefabricated one please clarify.

A14: Pre-fabricated catch basin as per Reference Note 3 on drawing M100 and in conjunction with structural 31L-S100.

Q15: There is no location on the foundation plan (S100) and there are no structural details for the Backwater Valve Pit shown in Detail 10/M100. Please provide location and structural details.

A15: Location as per drawing M100 at back water valve at grid 1, B&C. Back water valve pit shall be standard pre-cast concrete pit in lieu of cast in place. Pit cover and additional requirements as per detail 10/100 on drawing M102. Coordinate exact location of pit on site to avoid access to exterior man door.

Q16: S100 indicates floor slabs to be 125mm & 175mm with 15M rebar at 300c/c e.w. Radiant piping installation detail 7/M200 indicates 178mm with both 15M rebar and 150x150 WWM.

A16: Slab as per structural.

Q17: As per an earlier discussion, I believe you're your loading doors (bays 9 & 10) are sized incorrectly. These doors are showing sizes of 4840 x 5000. These doors should realistically be no larger than 2800 x 2743. Because you are specifying dock levelers, you will need doors that can seal around a truck opening to keep Mother Nature outside. As is right now, you are creating a wind tunnel effect that will be brutal during the winter.

A17: Dimensions for overhead bay doors as per drawings.

Q18: Civil drawing C300 shows the new fire main going up to 1.5 meter to the foundation. Mechanical drawing M401 detail 1/M401 shows the sprinkler contractor responsibility to take over at the flange connection top of slab. Even though the mechanical detail indicates this portion from the flange to the 1.5 meter outside the foundation is by site services contractor this portion of the fire main is not shown on the civil drawings and should be clarified by addendum.

A18: The site contractor shall refer to detail 4/M401 on drawing M401 for limit of contract on the water main.

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Q19: Mechanical drawing M202 detail 7/M200 shows a layer of 150x150 welded wire mesh. The structural drawings show rebar in the slab, is this layer of WWM required additional to the rebar, please clarify. This layer of WWM is not shown on the structural drawings.

A19: Slab on grade reinforcement to be as shown on Drawing S100 in combination with Typical Slab Details on Drawing S400 which include a layer of WWM for the sole purpose of supporting the heating tubes.

Q20: Addendum #7 Item 1 states the owner own forces will be painting gypsum board drywall walls, ceilings and metal door and frames. Will the owner be performing all of the painting, if not please state what needs to be painted the contractor.

A20: Priming and finish painting of all interior gypsum board walls and ceilings and metal doors and frames will be performed by the Owner's own forces, but only after the Contractor has achieved Interim Certificate of Completion. Coordinate the work of the Owner with the construction progress schedule.

Q21: Section 01 56 00 temporary barriers and enclosure indicates to erect a temporary construction fence, nothing is indicated on the drawing. Is a fence required.

A21: Temporary construction fence required as per specification Section 01 56 00.

Q22: Section 33 51 00 Site Natural Gas Piping states the contractor is responsible to furnish and install gas piping up to the meter while drawing C200 states the contractor is to coordinate this work only please clarify

A22: Refer to detail 1/M200 on drawing M202 for natural gas limits. The contractor is responsible for the installation of the gas line and all cost associated with the installation. Whether the contractor installs the service line themselves or coordinates the installation by the natural gas distribution company shall be at the discretion of the natural gas distribution company.

Q23: Isolation joint between foundation wall and slab is 20mm on 7&8/A600 but 25mm on 31K/S100.

A23: Isolation joint (fibreboard) as per 7&8/A600 is to be 12mm and Detail 31K/S100 (25 mm rigid insulation along Line A.3) is true.

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Q24: Standard rigid under slab is 50mm. Please confirm less common 1-1/2" is to go under slab.

A24: Both thicknesses are acceptable.

Q25: The room finish schedule indicate SC sealed concrete in certain rooms but nothing is specified.

A25: Concrete seal covered adequately by the structural specification.

Q26: Metal fabrication section indicates a roof access ladder none indicated on drawings.

A26: Roof access ladder not required.

Q27: The room finish schedule indicates Paint finish PT as not in contract. There an interior Painting spec and an Exterior painting spec but nothing is indicated on the drawings to be painting. Please clarify what needs to be painted?

A27: Refer to Addendum 7.