

**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:**

Regional Manager/Real Property
Contracting/PWGSC
Ontario Region, Tendering Office
12th Floor, 4900 Yonge Street
Toronto, Ontario
M2N 6A6
Ontario

**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
Regional Manager/Real Property Contracting/PWGSC
Ontario Region, Tendering Office
12th Floor, 4900 Yonge Street
Toronto, Ontario
M2N 6A6
Ontario

Title - Sujet Gravenhurst, ON - Finance & Parole		
Solicitation No. - N° de l'invitation EQ754-122364/A		Amendment No. - N° modif. 003
Client Reference No. - N° de référence du client R.033197.001		Date 2012-08-28
GETS Reference No. - N° de référence de SEAG		
File No. - N° de dossier PWL-2-35044 (039)	CCC No./N° CCC - FMS No./N° VME	
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2012-09-06		Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
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: Hassell, Bob		Buyer Id - Id de l'acheteur pwl039
Telephone No. - N° de téléphone (416) 590-8270 ()		FAX No. - N° de FAX (416) 512-5862
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: Correctional Service Canada Beaver Creek Institution P.O. Box 1240 Beaver Creek Dr Gravenhurst, ON PIP 1W9		

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

QUESTIONS AND ANSWERS

Question 1:

The above noted project is calling for tapered roof insulation as noted on roof plan A-201. Yet it does not indicate under section 075200 what material and slope is to be used for the tapered insulation.

Answer 1:

Tapered insulation is Polyisocyanurate per 075200.2.9.1

Question 2.

While going through the tender documents for the above project, I did not find any soil investigation report. I would appreciate if you could kindly advise me as to where should I find the soil investigation report.

Answer 2

Geo-technical Report issued in Addendum.

Question 3.

Whether building permit has been obtained? And who will obtain the building permit? If the bidder has to obtain the building permit then he is to include the cost in the bid

Answer 3

Conform to General Conditions 1.8, Paragraphs 3,4,5.6.

Question 4.

soils investigation report mentioned in 31 00 00 is not contained in the specification. where is it located or is it to follow?

Answer 4:

Geo-technical Report issued in Addendum.

Question 5: A101 drawing indicates a foundation for communication tower "refer to structural". Where is this on the structural drawings?

Answer 5:

Refer to Structural Addendum

Question 6.

Scale on A101 indicates 1/200. Looks like it should be 1/100 Stantec

Answer

Scale on A101 should be 1:100.

Question 7.

There is reference to Geotechnical Report No. 3-10-6157 By Terraprobe Inc. Dated February 22, 2011 in the general notes No. 3. Foundations 3.1, of Structural Drawing S-100. However we did not receive the report with the tender documents.

Answer 7:

Geo-technical Report issued in Addendum.

Question 8.

Finished floor elevation on drawing A101 is 278.140m and on drawing SW2 is 278.20m. Please advise.

Answer 8:

Finished floor elevation of 278.140m on drawing A101 is to be used.

Question 9

Asphalt paving composition is 40mm binder course and 40mm surface course in section 32 10 00 3.1.2 and drawing SW2 is 40mm surface course and 50mm binder course. Please advise.

Answer 9:

Binder course thickness for asphalt paving to be 50mm per drawing SW2

Question 10.

Please provide the geotechnical report referenced in section 31 00 00.01

Answer 10:

Geo-technical Report issued in Addendum.

Question 11.

Drawing S200 it calls for 100mm thick insulation below the slab and on drawing A600 it calls for 50mm thick insulation. Which is correct?

Answer 11:

Insulation thickness to be 50mm per drawings A600

Question 12

Is there a soil report for this project; if so, where do I find it?

Answer 12:

Geo-technical Report issued in Addendum.

Question 13.

Is there a timeline for award and commencement of the work bearing in mind winter heating costs that could impact pricing? PWGSC

Answer 13

ASAP after closing, providing quote is within budgets.

Question 14.

Is a building permit required, and if so, who is to expedite and pay for permit?

Answer 14

Conform to General Conditions 1.8, Paragraphs 3,4,5.6.

Question 15.

Specifications, Section 01 56 00 indicates that temporary site enclosures is required. This is not shown on any drawing to indicate extent of fenced in area we are to provide. It is assumed since the fence is to be modular free standing that no fence detection system or barbed wire is required.

Answer 15

The fence is to be modular free standing. No fence detection system or barbed wire is required

Question 16.

Will site accommodate a staging area within the area of work for a site trailer and storage?

Answer 16

Clarifying sketch issued in Addendum.

Question 17.

Also in regards to the temporary Barrier, the specs note that we are to provide one lockable truck entrance gate and at least one pedestrian door. Do you have any details pertaining to the configuration of these gates/doors? I.e. minimum/maximum sizes, is truck gate to be sliding or manual swing?

Answer 17

Type of gate and pedestrian door to be determined by bidder as required for material and worker access.

Question 18

Will there be any cash allowances or contingency allowances that we are to include in our bid?

Answer 18

No cash allowances or contingency allowances.

Question 19.

There is another tender out for a 50-Bed Living Unit at the Beaver Creek Institution. The tender closing date for this is August 30, 2012 at 2:00pm. We wanted to pass that along to you in the off chance that this tender were to be extended to request consideration for an alternate date or time to allow subcontractor sufficient time to accurately price this tender should they also be pricing the other tender.

Answer 19

There is no change to tender closing

Question 20.

Are there any "base building" subcontractors (i.e. controls, communications, security) that are preferred?

Answer 20

Bidder to co-ordinate with the Institution. Also refer to Note N-3 on drawing E-200.

Question 21.

Section 08 71 11 Finish Hardware, Part 3, item 3.1.1 notes to refer to attached Hardware Schedule following Section". This has not been included. Please provide information.

Answer 21

Hardware Schedule issued in Addendum.

Question 22.

Section 08 80 50 appears twice in the table of contents as well as within the spec Stantec

Answer 22

Delete the second Section 08 80 50 from the specifications

Question 23

We have examined the MERX site and spoken to a representative and it appears the "Geotechnical Investigation" referenced in Section 31 00 00.01 has not been issued with the tender documents.

Answer 23

Geo-technical Report issued in Addendum.

Question 24

There is a 200mm watermain to be cut and removed with a new line to be installed around the West side of the new building. We have not found any specific instructions on the need to maintain water supply while this work is being carried out. Can this line be shut down for several days to facilitate this work including pressure and bacteria testing. PWGSC

Answer 24

There are valves in place to allow work to proceed without impacting Institution

Question 25.

Drawing E-600 detail 3 communication riser. There is no security devices showing on drawing E-400, but there are two security cabinets Shown on drawing E-600 detail 3.

Answer 25

Cabinets are for BCI use (i.e. support of existing infrastructure and future expansion).

Question 26.

As per the tender provided on MERX, I was wondering if it would be possible to release a copy of the geotechnical report referred to in the document and structural drawings. The geotechnical report was completed in 2011 by Terraprobe.

The geotechnical report was not made available on MERX. Finally, could we get the final elevation (Top of grade) of the CB on drawing SW3?

Answer 26

Geo-technical Report issued in Addendum. Top of Grade of CB to be coordinated with adjacent final grading.

Question 27.

Could you please forward a copy of the Hardware Schedule: Section 08 71 11.3.1 - states to refer the attached Hardware Schedule but the schedule is not included in the tender package.

Answer 27.

Hardware Schedule issued in Addendum.

Question 28.

Structural Dwg S200 references engineered fill for this site, and possible dewatering.

The documents do not include a soils report so its impossible to assess the scope of fill/dewatering (and foundations/conc. volumes etc.) Perhaps neither are actually anticipated. Are you able to comment?

Answer 28

Geo-technical Report issued in Addendum. Top of Grade of CB to be coordinated with adjacent final grading.

Question 29

Would you please advise if there is a specification or hardware schedule for the automatic door operators on this project?

Answer 29

Hardware Schedule issued in Addendum.

Question 30. Fire Alarm -

Who is the Fire Alarm base building contractor and what is the existing F/A system manufacturer.

Answer 30:

CHUBB EDWARDS FIRE AND SECURITY, 705-722-3977

Question 31 ·

Building Alarm System -

There are no symbols or specs for the touch screen Graphic user interface intrusion alarm system. If we are to carry this in our quote we need base bldg contractor and specs

Answer 31;

Refer to Electrical Addendum.

Question 32. · PPA System -

Are we to carry the scope of work pertaining to PPA System. There are no symbols or specs on the drawing. What is Senstar contact info?

Answer 32:

Senstar Contacts phone number is 613 839 5572

Question 33:

Please provide construction details for the communications tower concrete pad/footing.

Answer 33:

Refer to Structural Addendum

Question 34: Hydro-seed or sod the topsoil areas?**Answer 34:**

There is no hydro-seed or sod in topsoil areas

Question 35:

What are the new Chainlink fence specifications?

Answer 35:

Chainlink deleted - refer to civil addendum

Question 36.

Will any new trees, shrubs or flowers be required for planting on this project?

Answer 36:

There is no planting on this project

Question 37.

Please confirm that the only civil/landscape drawings available are as follows: BC55-A100, BC55-A101, BC55-SW2, BC55-SW3

Answer 37:

Confirmed

Question 38.

Where is the current Flash PPA system located?) (building)

Answer 38:

BC12 - Duty office is where the system is now located.

Question 39.

What will be the distance from the new location building to the CER equipment room were the Flash PC currently connects

Answers 39:

Bidders can reference drawings with building locations or visit the site.

Question 40:

What is the equipment that makes up the Flash system currently (the drawing refers to the flash PC, receiver, antenna and LCD and mouse. Are these actually there or are we adding equipment.

Answer 40:

This is an accurate inventory of the equipment currently at the site. There are several receivers throughout the site connecting via 1pr communication wire. The contract will need to extend the communication wire and relocate existing equipment. The relocation shall be completed by Senstar as this is a proprietary technology.

Question 41.

Is the current FLASH system operational

Answer 41:

Yes and must remain operational.

Question 42.

Do they realize that once we disconnect the Flash System it will be down for the duration of reconnecting and setup? Will be days

Answer 42:

This is not acceptable. The contractor shall prepare relocation and coordinate it with institution, then cut over will be scheduled and system will be off for the shortest time possible. Usually 2-3 hours max.

Question 43:

Please refer to drawings 1&2/A755 and S200. Question: In drawing S200, insulation is 100mm thick while it is 50mm in drawing 1 & 2 of A-755. Please clarify.

Answer 43:

Insulation thickness to be 50mm per drawings A600

Question 44;

It calls for a carbon dioxide suppression system for the mechanical/electrical room. This type of system deprives all oxygen from environment and is very dangerous to personal. Please confirm this is what is needed. Suggest using a water base suppression system called Vortex.

Answer 44:

Provide suppression system per bid documents

Question 45:

Could you provide some details for the security system. I don't see any spec's in section 28 related to the security system. We also would like some spec on the existing systems.

Answer 45:

Please be more specific. Do you mean the CCTV system? It is a Genetec digital video recording platform.

Question 46.

Please refer to drawing A-101. I was measuring the dimensions on the drawing using a triangular scale and found out that it is 1:100 while the noted scale is 1:200. Please confirm.

Answer 46:

Scale on A101 should be 1:100.

Question 47.

On Page 4 of the glass spec, it states:

.2 minimum 6mm inner light, minimum 6mm outer light, laminated, grey tinted, to be selected

.3 Intercavity space thickness: plus/minus 13mm with low conductivity spacers.

.4 Glass coating: surface number 2, lowE magnetic sputter vapor deposition MSVd.

.5 Inert gas fill: argon

This raises a few questions and concerns.

RE: .2 what is the make up of the inner light? It doesn't state laminated glass, annealed, tempered....just 6mm inner light Outer light is to be grey tinted, to be selected - only 44% is readily available

RE: .4 LowE magnetic sputter vapor deposition MSVD, would refer to a soft coat lowE. This product is not available on a tinted laminated glass. There is no lowE product available on a tinted laminated. With this in mind, we have to move the lowE to surface #3, which moves me back to the first question...."what is the make up of the inner light?" If the inner light is laminated, it must be 030 laminated, which is available with a hard coat lowE, not a soft coat. If it to be tempered or annealed (not laminated), then we can use a soft coat on surface #3.

Answer 47:

Refer to Architectural Addendum.

Question 48. Referencing drawing SW-3 the proposed 150mm sanitary pipe grade is at 276.95. the existing asphalt is at 277, based on this, we do not have sufficient cover for the pipe. Please clarify.

Answer 48:

Refer to Civil Addendum

Question 49.

Drawings SW2 and SW3 show a chain link fence however it is not shown on A-101 and does not have any notes as to height and specification. Please clarify.

Answer 49:

Refer to Civil Addendum.

Question 50.

Are appliances to be supplied by the General Contractor or by Owner? It is assumed by others as there are no specifications. Please confirm

Answer 50

Appliances supplied by others

Question 51.

Do the open web steel roof joists require a cementitious fireproofing spray? There is not a section in the specifications and drawings do not indicate this is required. Please confirm.

Answer 51:

Open web steel roof joists do not require a cementitious fireproofing spray

Question 52.

We have been asked to re-located the existing radio equipment and supply and install a new tower. There is no mention of cable or antenna which is required for the radio equipment to function. There is also the issue of Industry Canada Licence. Is the location licenced for an external radio antenna on a 32 foot tower?? Please let me know if the antenna and cable is required or supplied by another party.

Answer 52:

Bidder to co-ordinate with the Institution. Also refer to Note N-3 on drawing E-200.

Question 53.

Drawings and specifications do not reference top soil or seeding/sodding. Are these a requirement on this project? If so, please provide information.

Answer 53:

There is no planting on this project

Question 54.

Should there be a 4" isolation valve to both the sanitary and storm before going into the building? SW-3 does not indicate this as a requirement.

Answer 54

Isolation valves not required

Question 55.

Please provide the top of grade benchmark for all storm and sanitary

Answer 55:

Top of grade to align with adjacent finished grade

Question 56.

Is it possible to go into the existing sanitary/manhole SAN008 (beneath the new cross walk)?

Answer 56;

Access into the MH is available but all construction personal would require Confined Space Certification.

Question 57.

We could not find the "soil investigation report" in the tender documents. Please provide this report.

Answer 57:

Geo-technical Report issued in Addendum.

ARCHITECTURAL

Specifications:

08 80 50 2.1.3:

.2: revise "grey-tinted" to "clear"

Add "Provide heat-strengthened and/or laminated glazing at all interior and exterior glazing that extends to less than 750mm above finished floor."

Geotechnical Report

Issued with this addendum

Hardware Schedule

Issued with this addendum

Drawings:

Drawing A-100

Delete note "Remove existing flagpole & store for installation at new location"

New Drawing: Beaver Creek Institute: Staging Area Plan

Issued with this Addendum

Structural

Drawing S200

Add note

Refer to architectural for location of Communications Tower. Foundation for Communications Tower as follows:

"2m x 2m x 800mm deep footing reinforced with 15M @ 250mm c/c Top and Bottom Each Way on undisturbed native soil with minimum allowable bearing capacity of 150kPa. Foundation concrete strength $f_c = 35\text{MPa}$ with exposure class "C-1"

Civil

Drawings:

Drawing SW-3

Revise SAN INV from 277.00 to 275.00

Revise san manhole PROP INV from 276.80 to 274.80

Delete note "New chain link fence"

Electrical (building alarm):

Drawing E400 (no sketch issued): Add Note:

"The existing building alarm system is an antiquated dry contact alarm system, with an indicator light when a zone is in alarm. An audible alarm is triggered along with a LED indicating which building is in alarm. Alarms are reset via a key on the local annunciation panel. No reset command is required for the receivers.

The contractor shall provide an integration unit or I/O module to collate these alarms and transfer the data to the new security office where a contractor-provided touchscreen shall display and allow control of the building alarms within the institution. Staff shall be able to activate or mask any given alarm point from the existing system reporting in BC12.

Provide touchscreen product to communicate with BCI software. "Wonderware" is the operations management software that drives the touchscreen, provides graphic mapping, and will communicate with the I/O boxes or PLCs. The receivers used at BCI are 16-ch XR-16 Extended Range and 4-ch MR-164-R stationary receivers both made by Linear."