

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, 2nd Floor
800, rue Burrard, 2e étage
Vancouver, BC V6Z 2V8
Bid Fax: (604) 775-7526**

Request For a Standing Offer Demande d'offre à commandes

Regional Individual Standing Offer (RISO)

Offre à commandes individuelle régionale (OCIR)

Canada, as represented by the Minister of Public Works and Government Services Canada, hereby requests a Standing Offer on behalf of the Identified Users herein.

Le Canada, représenté par le ministre des Travaux Publics et Services Gouvernementaux Canada, autorise par la présente, une offre à commandes au nom des utilisateurs identifiés énumérés ci-après.

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 etage
Vancouver, BC V6Z 2V8

Title - Sujet Building Materials	
Solicitation No. - N° de l'invitation 21C81-130064/A	Date 2013-03-27
Client Reference No. - N° de référence du client 21C81-130064	GETS Ref. No. - N° de réf. de SEAG PW-\$VAN-524-6970
File No. - N° de dossier VAN-2-35376 (524)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-04-12	Time Zone Fuseau horaire Pacific Daylight Saving Time PDT
Delivery Required - Livraison exigée See Herein	
Address Enquiries to: - Adresser toutes questions à: Yamamoto, Albert	Buyer Id - Id de l'acheteur van524
Telephone No. - N° de téléphone (604)775-7549 ()	FAX No. - N° de FAX (604)775-7526
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: CORRECTIONAL SERVICE OF CANADA CORCAN CONSTRUCTION 33344 KING ROAD ABBOTSFORD British Columbia V2S2E8 Canada	
Security - Sécurité This request for a Standing Offer does not include provisions for security. Cette Demande d'offre à commandes ne comprend pas des dispositions en matière de sécurité.	

Instructions: See Herein

Instructions: Voir aux présentes

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

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PART 1 - GENERAL INFORMATION

1. Introduction

The Request for Standing Offers (RFSO) is divided into seven parts plus attachments and annexes, as follows:

- Part 1 General Information: provides a general description of the requirement;
- Part 2 Offeror Instructions: provides the instructions applicable to the clauses and conditions of the RFSO;
- Part 3 Offer Preparation Instructions: provides offerors with instructions on how to prepare their offer to address the evaluation criteria specified;
- Part 4 Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria which must be addressed in the offer, and the basis of selection;
- Part 5 Certifications: includes the certifications to be provided; and
- Part 6 6A, Standing Offer, and 6B, Resulting Contract Clauses:
 - 6A, includes the Standing Offer containing the offer from the Offeror and the applicable clauses and conditions;
 - 6B, includes the clauses and conditions which will apply to any contract resulting from a call-up made pursuant to the Standing Offer.

The Annexes include the Requirement, the Basis of Payment and any other annexes.

2. Summary

Requirement: To supply and deliver building materials to Correctional Service Canada in Abbotsford, B.C., on an as-and-when requested basis. Building materials required are lumber material, panel material, parallel strand lumber and fasteners. Building materials will be used by CORCAN and the Inmate Work Crew to construct a new 20 Bed Living Unit at Fraser Valley Institution.

Period of Standing Offer: 1 year

The requirement is subject to the provisions of the Agreement on Internal Trade (AIT).

The requirement is subject to a preference for Canadian Goods and/or services.

3. Debriefings

After issuance of a standing offer, offerors may request a debriefing on the results of the request for standing offers process. Offerors should make the request to the Standing Offer Authority within 15 working days of receipt of the results of the request for standing offers process. The debriefing may be in writing, by telephone or in person.

PART 2 - OFFEROR INSTRUCTIONS

1. Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the Request for Standing Offers (RFSO) by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual* (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Offerors who submit an offer agree to be bound by the instructions, clauses and conditions of the RFSO and accept the clauses and conditions of the Standing Offer and resulting contract(s).

The 2006 (2013-01-28) Standard Instructions - Request for Standing Offers - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the RFSO.

2. Submission of Offers

Offers must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated on page 1 of the Request for Standing Offers.

3. Enquiries - Request for Standing Offers

All enquiries must be submitted in writing to the Standing Offer Authority no later than 7 calendar days before the Request for Standing Offers (RFSO) closing date. Enquiries received after that time may not be answered.

Offerors should reference as accurately as possible the numbered item of the RFSO to which the enquiry relates. Care should be taken by offerors to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the questions or may request that offerors do so, so that the proprietary nature of the question is eliminated, and the enquiry can be answered with copies to all offerors. Enquiries not submitted in a form that can be distributed to all offerors may not be answered by Canada.

4. Applicable Laws

The Standing Offer and any contract resulting from the Standing Offer must be interpreted and governed, and the relations between the parties determined, by the laws in force in British Columbia.

Offerors may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their offer, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the offerors.

PART 3 - OFFER PREPARATION INSTRUCTIONS

1. Offer Preparation Instructions

Canada requests that offerors provide their offer in separately bound sections as follows:

Section I: Technical Offer (1 hard copy)

Section II: Financial Offer (1 hard copy)

Section III: Certifications (1 hard copy)

Prices must appear in the financial offer only. No prices must be indicated in any other section of the offer.

Canada requests that offerors follow the format instructions described below in the preparation of their offer.

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to that of the Request for Standing Offers.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process Policy on Green Procurement

(<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, offerors should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and

- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

Section I: Technical Offer

In their technical offer, offerors should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Section II: Financial Offer

Offerors must submit their financial offer in accordance with the Annex B, Basis of Payment. The total amount of Goods and Services Tax or Harmonized Sales Tax must be shown separately, if applicable.

Section III: Certifications

Offerors must submit the certifications required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures

- (a) Offers will be assessed in accordance with the entire requirement of the Request for Standing Offers including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the offers.
- (c) The evaluation team will determine first if there are three (3) or more offers with a valid Canadian Content certification. In that event, the evaluation process will be limited to the offers with the certification; otherwise, all offers will be evaluated. If some of the offers with a valid certification are declared non-responsive, or are withdrawn, and less than three responsive offers with a valid certification remain, the evaluation will continue among those offers with a valid certification. If all offers with a valid certification are subsequently declared non-responsive, or are withdrawn, then all the other offers received will be evaluated.

1.1. Technical Evaluation

1.1.1 Mandatory Technical Criteria

-Compliance with Delivery Requirement, within 10 working days: ____ Yes ____ No

- Compliance with the Requirement and Specifications: ____ Yes ____ No

- Bidder must bid all items in Annex B: ____ Yes ____ No

1.2 Financial Evaluation

1.2.1 Evaluation of Price

The price of the offer will be evaluated in Canadian dollars, the Goods and Services Tax or the Harmonized Sales Tax excluded, FOB destination, Canadian customs duties and excise taxes included.

2. Basis of Selection

2.1 Basis of Selection - Multiple Items

An offer must comply with the requirements of the Request for Standing Offers and meet all mandatory technical evaluation criteria to be declared responsive. The responsive offer with the lowest evaluated price on an aggregate basis will be recommended for issuance of a standing offer.

PART 5 - CERTIFICATIONS

Offerors must provide the required certifications and related documentation to be issued a standing offer. Canada will declare an offer non-responsive if the required certifications and related documentation are not completed and submitted as requested.

Compliance with the certifications offerors provide to Canada is subject to verification by Canada during the offer evaluation period (before issuance of a standing offer) and after issuance of a standing offer. The Standing Offer Authority will have the right to ask for additional information to verify offerors' compliance with the certifications before issuance of a standing offer. The offer will be declared non-responsive if any certification made by the Offeror is untrue, whether made knowingly or unknowingly. Failure to comply with the certifications, to provide the related documentation or to comply with the request of the Standing Offer Authority for additional information will also render the offer non-responsive.

1. Mandatory Certifications Required Precedent to Issuance of a Standing Offer

1.1 Code of Conduct and Certifications - Related documentation

By submitting an offer, the Offeror certifies as per section 01 of Standard Instructions 2006, for himself and his affiliates, to be in compliance with the Code of Conduct and Certifications clause of the Standard instructions. The related documentation therein required will help Canada in confirming that the certifications are true.

2. Additional Certifications Precedent to Issuance of a Standing Offer

The certifications listed below should be completed and submitted with the offer, but may be submitted afterwards. If any of these required certifications is not completed and submitted as requested, the Standing Offer Authority will so inform the Offeror and provide the Offeror with a time frame within which to meet the requirement. Failure to comply with the request of the Standing Offer Authority and meet the requirement within that time period will render the offer non-responsive.

2.1 Federal Contractors Program - Certification

Federal Contractors Program - over \$25,000 and below \$200,000

Suppliers who are subject to the Federal Contractors Program (FCP) and have been declared ineligible contractors by Human Resources and Skills Development Canada (HRSDC) are no longer eligible to receive federal government contracts over the threshold for solicitation of bids as set out in the Government Contracts Regulations. Suppliers may be declared ineligible contractors either as a result of a finding of non-compliance by HRSDC, or following their voluntary withdrawal from the FCP for a reason other than a reduction of their workforce to less than 100 employees. Any offers from ineligible contractors, including an offer from a joint venture that has a member who is an ineligible contractor, will be declared non-responsive.

The Offeror, or, if the Offeror is a joint venture the member of the joint venture, certifies its status with the FCP, as follows:

The Offeror or the member of the joint venture

a.() is not subject to the FCP, having a workforce of less than 100 full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada;

b.() is not subject to the FCP, being a regulated employer under the Employment Equity Act, S.C.. 1995, c. 44;

c.() is subject to the requirements of FCP, having a workforce of 100 or more full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada, but has not previously obtained a certificate number from HRSDC, having not bid on requirements of \$200,000 or more;

d.() has not been declared an ineligible contractor by HRSDC, and has a valid certificate number as follows: _____ .

Further information on the FCP is available on the HRSDC Web site.

2.2 Canadian Content Certification

2.2.1 *SACC Manual* clause A3050T (2010-01-11) Canadian Content Definition

2.2.2 This procurement is conditionally limited to Canadian goods.

Subject to the evaluation procedures contained in the request for standing offer, offerors acknowledge that only offers with a certification that the good(s) offered are Canadian goods, as defined in clause A3050T, may be considered.

Failure to provide this certification completed with the offer will result in the good(s) offered being treated as non-Canadian goods.

The Offeror certifies that:

() a minimum of 80 percent of the total price for the offer consist of Canadian goods as defined in paragraph 1 of clause A3050T.

For more information on how to determine the Canadian content for a mix of goods, a mix of services or a mix of goods and services, consult Annex 3.6.(9), Example 2, of the Supply Manual.

PART 6 - STANDING OFFER AND RESULTING CONTRACT CLAUSES

A. STANDING OFFER

1. Offer

1.1 The Offeror offers to fulfill the requirement in accordance with the Requirement at Annex A.

2. Standard Clauses and Conditions

All clauses and conditions identified in the Standing Offer and resulting contract(s) by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual* (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

2.1 General Conditions

2005 (2012-11-19) General Conditions - Standing Offers - Goods or Services, apply to and form part of the Standing Offer.

2.2 Standing Offers Reporting

Periodic Usage Reports - Standing Offer

The Offeror must compile and maintain records on its provision of goods, services or both to the federal government under contracts resulting from the Standing Offer. This data must include all purchases, including those paid for by a Government of Canada Acquisition Card.

The Offeror must provide this data in accordance with the reporting requirements detailed in below. If some data is not available, the reason must be indicated. If no goods or services are provided during a given period, the Offeror must still provide a "nil" report.

The data must be submitted on a quarterly basis to the Standing Offer Authority.

The quarterly reporting periods are defined as follows:

1st quarter: April 1 to June 30;

2nd quarter: July 1 to September 30;

3rd quarter: October 1 to December 31;

4th quarter: January 1 to March 31.

The data must be submitted to the Standing Offer Authority no later than 15 calendar days after the end of the reporting period.

Include the following information in the quarterly reports:

- the standing offer;
- the supplier name;
- the reporting period;
- the call-up number for each call-up, including amendments;
- the client department;
- the contracting authority;
- the date of the call-up;
- the line items acquired;
- the value of the call-up, Goods or Services Tax/Harmonized Sales Tax included, as applicable.

3. Term of Standing Offer

3.1 Period of the Standing Offer

The period for making call-ups against the Standing Offer is from _____ to _____.

(one year period from date of issuance of the Standing Offer)

4. Authorities

4.1 Standing Offer Authority

The Standing Offer Authority is:

Albert Yamamoto
Supply Specialist
Public Works and Government Services Canada
Acquisitions, Vancouver
800 Burrard Street, Room 219
Vancouver, British Columbia V6Z 0B9
Canada

Telephone : 604-775-7549

Fax : 604-775-7526

E-mail : albert.yamamoto@pwgsc-tpsgc.gc.ca

The Standing Offer Authority is responsible for the establishment of the Standing Offer, its administration and its revision, if applicable. Upon the making of a call-up, as Contracting Authority, he is responsible for any contractual issues relating to individual call-ups made against the Standing Offer by any Identified User.

4.2 Project Authority

(to be filled in at issuance of the standing offer only)

The Project Authority for the Standing Offer is:

Name: _____

Title: _____

Organization: _____

Address: _____

Telephone: ____ - ____ - _____

Facsimile: ____ - ____ - _____

E-mail address: _____

The Project Authority is the representative of the department or agency for whom the Work will be carried out pursuant to a call-up under the Standing Offer and is responsible for all the technical content of the Work under the resulting Contract.

4.3 Offeror's Representative

(to be filled in at issuance of the standing offer only)

5. Identified Users

The Identified User authorized to make call-ups against the Standing Offer is:

Project Authority *(to be filled in at issuance of the standing offer only)*

6. Call-up Instrument

The Work will be authorized or confirmed by the Identified User(s) using form *PWGSC-TPSGC 942, Call-up Against a Standing Offer* or an electronic version.

7. Limitation of Call-ups

Individual call-ups against the Standing Offer must not exceed \$65,000.00 (Goods and Services Tax or Harmonized Sales Tax included).

MISCELLANEOUS MATERIALS MAY ONLY BE 10% OF EACH CALL-UP DOLLAR VALUE.

8. Financial Limitation

Financial Limitation - Total

The total cost to Canada resulting from call ups against the Standing Offer must not exceed the sum of \$(*to be filled in at issuance of the standing offer only*) (Goods and Services Tax or Harmonized Sales Tax excluded) unless otherwise authorized in writing by the Standing Offer Authority. The Offeror must not perform any work or services or supply any articles in response to call ups which would cause the total cost to Canada to exceed the said sum, unless an increase is so authorized.

The Offeror must notify the Standing Offer Authority as to the adequacy of this sum when 75 percent of this amount has been committed, or 3 months before the expiry date of the Standing Offer, whichever comes first. However, if at any time, the Offeror considers that the said sum may be exceeded, the Offeror must promptly notify the Standing Offer Authority.

9. Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- a) the call up against the Standing Offer, including any annexes;
- b) the articles of the Standing Offer;
- c) the general conditions 2005 (2012-11-19), General Conditions - Standing Offers - Goods or Services
- d) the general conditions 2010A (2013-03-21), General Conditions - Goods (Medium Complexity);
- e) Annex A, Requirement;
- f) Annex B, Basis of Payment;
- g) the Offeror's offer dated _____ (*insert date of offer*), (*if the offer was clarified or amended, insert at the time of issuance of the offer: "as clarified on _____" or "as amended on _____" and insert date(s) of clarification(s) or amendment(s) if applicable*).

10. Certifications

10.1 Compliance

Compliance with the certifications and related documentation provided by the Offeror is a condition of authorization of the Standing Offer and subject to verification by Canada during the term of the Standing Offer and of any resulting contract that would continue beyond the period of the Standing Offer. In the event that the Offeror does not comply with any certification, provide the related documentation or if it is determined that any certification made by the Offeror in its offer is untrue, whether made knowingly or unknowingly, Canada has the right to terminate any resulting contract for default and set aside the Standing Offer.

11. Applicable Laws

The Standing Offer and any contract resulting from the Standing Offer must be interpreted and governed, and the relations between the parties determined, by the laws in force in British Columbia.

B. RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from a call-up against the Standing Offer.

1. Requirement

The Contractor must provide the items detailed in the call-up against the Standing Offer.

2. Standard Clauses and Conditions

2.1 General Conditions

2010A (2013-03-21), General Conditions - Goods (Medium Complexity) apply to and form part of the Contract.

3. Term of Contract

3.1 Delivery Date

Delivery must be made within **10** business days from receipt of a call-up against the Standing Offer.

4. Payment

4.1 Basis of Payment

4.1.1 Limitation of Expenditure

Canada's total liability to the Contractor under the Contract must not exceed the amount of the call-up, as determined in accordance with the Basis of Payment. Customs duties are included, and Goods and Services Tax or Harmonized Sales Tax is extra, if applicable.

No increase in the total liability of Canada or in the price of the Work resulting from any design changes, modifications or interpretations of the Work, will be authorized or paid to the Contractor unless these design changes, modifications or interpretations have been approved, in writing, by the Contracting Authority before their incorporation into the Work. The Contractor must not perform any work or provide any service that would result in Canada's total liability being exceeded before obtaining the written approval of the Contracting Authority.

4.1.2 Basis of Payment - Firm Prices

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid firm unit prices, as specified in Annex B.

Customs duties are included, and Goods and Services Tax or Harmonized Sales Tax is extra, if applicable.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

4.1.3 Single Payment

SACC Manual clause H1000C (2008-05-12) Single Payment

5. Invoicing Instructions

The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions.

6. Insurance

SACC Manual clause G1005C (2008-05-12) Insurance

7. SACC Manual Clauses

B7500C (2006-06-16) Excess Goods

B2004C (2006-06-16) Lumber - Grade Marking

D0018C (2007-11-30) Delivery and Unloading

M3060C (2008-05-12) Canadian Content Certification (if applicable)

Solicitation No. - N° de l'invitation

21C81-130064/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

van524

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

21C81-130064

File No. - N° du dossier

VAN-2-35376

CCC No./N° CCC - FMS No/ N° VME

ANNEX A - Requirement

Requirement: To supply and deliver building materials in accordance with the Specifications herein, to Correctional Service Canada in Abbotsford, B.C., FOB Destination including all delivery charges, on an as-and-when requested basis. Building materials required are lumber material, panel material, parallel strand lumber and fasteners.

Annex A - Specifications - see attached

Project No. R.052462.001

Abbotsford, BC - Fraser Valley Institution

CARPENTRY

TWENTY BED LIVING UNIT

Section 06 10 11

ROUGH

Annex A - Specifications - see attached

Project No. R.052462.001

Abbotsford, BC - Fraser Valley Institution

TWENTY BED LIVING UNIT

Section 06 18 20

PARALLEL STRAND LUMBER (PSL)

ANNEX B**BASIS OF PAYMENT**

Requirement: To supply and deliver building materials in accordance with the Specification herein, to Correctional Service Canada in Abbotsford, B.C., FOB Destination including all delivery charges, on an as-and-when requested basis. Building materials required are lumber material, panel material, parallel strand lumber and fasteners. Taxes are extra to the prices quoted below.

Annex B - Basis of Payment - see attached

Discount offered for miscellaneous items only: _____%

Pricing - miscellaneous items only

Prices are as listed in the Offeror's regular, seasonal and sale catalogues or current published price lists, less a discount of _____ percent.

The Offeror must provide Canada with any further price reductions in effect as a result of a special offering due to year end or surplus manufacturing runs, special job lots, sales, clearances or promotions.

NOTE TO BIDDERS: Please use **ONE** of the two mailing labels below and affix it securely to the outside of the envelope or package containing your bid submitted by mail or courier. For bids submitted by facsimile (Bid receiving fax (604) 775-7526), use this sheet as the cover sheet. Always ensure your company name, return address, open bidding solicitation number and closing date appear legibly on the outside of your bid submission.

AVIS AUX FOURNISSEURS: Pour le retour par la poste ou par messenger, veuillez utiliser **UNE** des étiquettes d'envoi ci-dessous et apposez-la à l'extérieur de votre enveloppe ou du colis contenant votre offre. Pour les offres soumises par télécopieur (n° du télécopieur pour la réception des offres: (604) 775-7526), utilisez cette page comme bordereau de télécopie. Assurez-vous que le nom de votre compagnie, l'adresse de retour, le numéro de l'invitation ouverte à soumissionner et la date de clôture soient lisibles à l'extérieur de votre offre.

Bid Receiving

**Public Works and Government Services Canada
219 - 800 Burrard Street
Vancouver, BC
V6Z 0B9**

Solicitation No. : 21C81-130064/A SD U000

**Solicitation Closes at : 2:00 PM Pacific Time
on : 2013-04-12**

**Réception des soumissions
Travaux publics et services gouvernementaux Canada
800 rue Burrard, salle 219
Vancouver (C.-B) V6Z 0B9**

N° de l'invitation : 21C81-130064/A SD U000

**La réception des soumissions prend fin le : 2013-04-12
à : 14h HP**

PART 1 GENERAL

1.1 Related Sections

- .1 Section 06 18 20 – Engineered Wood – “Parallam”

1.2 Reference Standards

- .1 Canadian Standards Association (CSA International)
 - .1 CSA B111-1974(R1998), Wire Nails, Spikes and Staples.
 - .2 CAN/CSA-G164-M92(R1998), Hot Dip Galvanizing of Irregularly Shaped Articles.
 - .3 CSA O121-M1978(R1998), Douglas Fir Plywood.
 - .4 CAN/CSA-O141-91(R1999), Softwood Lumber.
 - .5 CSA O151-M1978(R1998), Canadian Softwood Plywood.
 - .6 CAN/CSA-O325.0-92(R1998), Construction Sheathing.
 - .7 Comply with AWPAM4 and revisions specified in CAN/CSA-080 Series, Supplementary Requirements to AWPAM2.
- .2 National Lumber Grades Authority (NLGA)
 - .1 Standard Grading Rules for Canadian Lumber 2000.
- .3 **Quality Assurance**
 - .1 Lumber identification: by grade stamp of an agency certified by Canadian Lumber Standards Accreditation Board.
 - .2 Plywood identification: by grade mark in accordance with applicable CSA standards.
 - .3 Plywood, OSB and wood based composite panel construction sheathing identification: by grademark in accordance with applicable CSA standards.

1.4 Waste Management and Disposal (N/A)

PART 2 PRODUCTS

1.1 Lumber Material

- .1 Lumber: unless specified otherwise, softwood, S4S, moisture content 19% or less in accordance with following standards:
 - .1 CAN/CSA-O141.
 - .2 NLGA Standard Grading Rules for Canadian Lumber.
-

- .2 Furring, blocking, nailing strips, grounds, rough bucks, cants, curbs, fascia backing and sleepers:
 - .1 Board sizes: "Standard" or better grade.
 - .2 Dimension sizes: "Standard" light framing or better grade.
 - .3 Post and timbers sizes: "Standard" or better grade species except as indicated.
 - .4 Framing and board lumber: in accordance with NBCC 2005 Subsection 9.3.2, except as follows:
 - .1 Roof joists, studs, chords in built-up beams: D-Fir NLGA No.2 as noted on drawings S102.
 - .2 Post and Beams: D-Fir species, NLGA No.1 grade.
 - .3 Wall studs: D-Fir species, NLGA No.2 grade or better.
- .3 Glued end-jointed (finger-jointed) lumber products are acceptable for framing of interior non-load bearing studs.

2.2 Panel Materials

- .1 Douglas fir plywood (DFP): to CSA O121, standard construction.
- .2 Canadian softwood plywood (CSP): to CSA O151, standard construction.
- .3 Plywood, OSB and wood based composite panels: to CAN/CSA-O325.

2.3 Panel Materials End Uses

- .1 Roof sheathing: DFP sheathing grade T&G edge, 16 mm thick.
- .2 Wall sheathing: DFP sheathing grade square edge, 12 mm thick.
- .3 Miscellaneous plywood panels: DFP or CSP sheathing grade square edge, 19 mm thick, for wall backing, panel mounting boards and as indicated.

2.4 Sheathing Paper (N/A)

2.5 Damproof Membrane (N/A)

2.6 Accessories

- .1 Nails, spikes and staples: to CSA B111. All nailing shall be common nails. If P-nails (Power driven nails) are intended as substitution, submit P-nails information for

Departmental representative's review prior to use. Adjustment of nails spacing or requirements may be required.

- .2 Steel plates: All steel plates used in connection details shall be grade 300W.
- .3 Galvanizing: to CSA G164 unless noted otherwise. Use galvanized fasteners for exterior work, interior highly humid areas.
- .4 Joist/beam hangers, post bases: unless noted otherwise shall be hot dipped galvanized as per manufacture and approved by the Departmental representative.

2.7 Finishes (N/A)

2.8 Wood Preservative (N/A)

PART 3 EXECUTION

3.1 Preparation (N/A)

3.2 Installation (N/A)

3.3 Erection

Part 1 General

1.1 RELATED SECTIONS

- .1 Section 06 10 11 – Rough Carpentry.

1.2 REFERENCES

- .1 American Society for Testing and Materials International, (ASTM)
 - .1 ASTM A36/A36M-01, Specification for Carbon Structural Steel.
 - .2 ASTM A47/A47M-99, Specification for Ferritic Malleable Iron Castings.
 - .3 ASTM A307-00, Specification for Carbon Steel Bolts and Studs, 60,000 PSI Tensile Strength.
 - .4 ASTM A653/A653M-02, Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
 - .2 Canadian General Standards Board (CGSB)
 - .1 CAN/CGSB-1.40-97, Anti-corrosive Structural Steel Alkyd Primer.
 - .3 Canadian Standards Association (CSA International)
 - .1 CSA B111-1974(R1998), Wire Nails, Spikes and Staples.
 - .2 CSA G40.20/G40.21-98, General Requirements for Rolled or Welded Structural Quality Steel/Structural Quality Steel.
 - .3 CAN/CSA-G164-M92(R1998), Hot Dip Galvanizing of Irregularly Shaped Articles.
 - .4 CAN/CSA-O80 Series-97, Wood Preservation.
 - .5 CAN/CSA-O86.01,(including supplement CSA-086S1-05 Limit States Design), Engineering Design in Wood.
 - .6 CSA O112 Series-M1977(R2001), CSA Standards for Wood Adhesives.
 - .7 CAN/CSA-O122-M89(R1999), Structural Glued-Laminated Timber.
 - .8 CAN/CSA-O177-M89(R1998), Qualification Code for Manufacturer's of Structural Glued-Laminated Timber.
 - .9 CAN/CSA-S16-01, Limit States Design of Steel Structures.
 - .10 CSA W47.1-92(R2001), Certification of Companies for Fusion Welding of Steel Structures.
 - .11 CAN/CSA-Z808-96, A Sustainable Forest Management System: Guidance Document.
 - .4 Others
 - .1 Canada Mortgage and Housing Corporation Report Ho.11161 issued 80-04-03 Revised 88-11-29
 - .2 General Notes
-

1.3 SHOP DRAWINGS

- .1 Submit shop drawings.
- .2 Shop drawings for members to indicate stress grade, service grade and appearance grades, shop applied finishes, camber, cuts, ledgers, holes and connection details.

1.4 QUALIFICATIONS

- .1 Manufacture structural "Parallam" Parallel Strand Lumber (PSL) Engineered Wood members in plant certified by CSA as meeting requirements of CAN/CSA-O177, class X.
- .2 Submit certificate in accordance with CAN/CSA-O177, Appendix B at completion of fabrication.
- .3 Fabricator for welded steel connections to be certified in accordance with CSA W47.1.
- .4 Place authorization labels on "Parallam" Parallel Strand Lumber (PSL) Engineered Wood members indicating manufactured in CSA certified plant.
- .5 Certification of material protective sealer.

1.5 DELIVERY, STORAGE, AND HANDLING

- .1 Deliver, handle, store and protect materials of this section.
- .2 Apply protective sealer to PSL units before shipping unless specified otherwise.
- .3 Wrap quality commercial grade members prior to leaving plant with a moisture resistant wrapping.
- .4 Use padded, non-marring slings for handling PSL members.
- .5 Protect corners with wood blocking.
- .6 Make adequate provision for delivery and handling stresses.

1.6 WASTE MANAGEMENT AND DISPOSAL (N/A)

Part 2 PRODUCTS

2.1 MATERIALS

- .1 Parallel Strand: Douglas Fir-Larch, Hem Fir and Douglas Fir-Larch, Lodgepole Pine and/or Spruce to CAN/CSA-O122 as manufactured by,
-

Annex A - Specifications**Project No. R.052462.001**

Abbotsford, BC - Fraser Valley Institution

TWENTY BED LIVING UNIT**Section 06 18 20****PARALLEL STRAND LUMBER (PSL)**

Page 3 of 4

	Grade 2.0 E	Grade 2.1 E
Property	Stress (MPa)	
Flexural Stress, f_b	20.0	21.4
Tension parallel to grain, f_t	16.5	16.5
Compression parallel to grain, f_c	20.0	20.0
Compression to perpendicular to grain, f_{cp}		
load parallel to wide face of strand	5.17	5.17
load perpendicular to wide face of strand	3.31	3.31
Horizontal shear, f_v		
load parallel to wide face of strand	2.0	2.0
load perpendicular to wide face of strand	1.45	1.45
Modulus of elasticity, MOE	13790	14480

- .2 Adhesive: to CSA O112 Series, to grade of service required in accordance with CAN/CSA-O122.
- .3 Sealer for PSL members: penetrating type, clear, non-yellowing liquid.
- .4 Fastenings:
 - .1 Split ring connections: hot rolled carbon steel, SAE 1010, meeting requirements of SAE handbook.
 - .2 Shear plate connections.
 - .1 Pressed steel type: hot rolled carbon steel, SAE 1010, meeting requirements of SAE handbook.
 - .2 Malleable iron type: to ASTM A47/A47M, grade [350].
 - .3 Lag screws: to general notes.
 - .4 Bolts: to ASTM A307.
 - .5 Side plates: to CAN/CSA-G40.20/G40.21 or ASTM A36.
 - .6 Drift pins: to ASTM A307.
 - .7 PSL rivets: hot dip galvanized to CAN/CSA-G40.20/G40.21, ASTM A36.
 - .8 Nails and spikes: to CSA B111.
 - .9 Truss plates: light gauge galvanized sheet steel to ASTM A653, grade A, yield point 230 MPa.
- .5 Shop coat primer for steel connections: to CAN/CGSB-1.40.
- .6 Galvanizing: to CAN/CSA-G164, hot dipped, minimum zinc coating of 610 g/m².

- .7 Preservative: Pressure treatment to CSA-080-Series 97 applies in accordance with manufacturers instructions.

2.2 FABRICATION

- .1 Fabricate members to following classifications:
- .1 All 68 mm thick Parallam shall be Grade 2.1E.
 - .2 All other thickness shall be Grade 2.0E.
- .2 Mark "Parallam" parallel strand members for identification during erection. Marks not to be visible in final assembly.
- .3 Do not apply sealer to areas which are to receive stained finish or preservative treatment.
- .4 Design connections to CAN/CSA-O86, and CAN/CSA-S16 unless specifically detailed, to resist shears, moments and forces indicated.
- .1 Fabricate in accordance with CAN/CSA-S16.
- .5 Galvanize or prime paint connections after fabrication.

Part 3 Execution

3.1 PRESERVATIVE TREATMENT

- .1 Pressure treat all indicated members with preservative and fire-retardant in accordance with CAN/CSA-O80 Series after fabrication.

3.2 ERECTION (N/A)

END OF SECTION

Appendix B
Basis of Payment

Project Fraser Valley Institution - 20 Bed Living Unit
Address 33344 King Road, Abbotsford BC

Building Materials

- (a) The Unit Price and the Total Price must be entered for each Item listed.
(b) Quantity amounts are approximate.
(c) Delivery to site must be included on Total Amount.
(d) Contract will be awarded to the lowest overall price.

Building Material List						
Description - Complete Unit (As per specs in Annex A)	Grade	Length	Estimated Quantity	Unit of Issue	Unit Price	Total Price
Lumber Material						
KD - SPF 2 X 4	NLGA No. 2 grade or better	16 ft.	312	Pieces	\$	\$
KD - PT - 2 X 6	NLGA No. 2 grade or better	16 ft.	194	Pieces	\$	\$
KD - D-Fir 2 x 6	NLGA No. 2 grade or better	To be determined	47,600	Lineal feet	\$	\$
KD - 2 X 6 Finger Joint Studs		104.25"	700	Pieces	\$	\$
KD - D-Fir 2 x 12	NLGA No. 1 grade	To be determined	1,680	Lineal feet	\$	\$
KD - D-Fir 2 x 12	NLGA No. 2 grade or better	10 ft.	150	Pieces	\$	\$
KD - D-Fir 2 x 12	NLGA No. 2 grade or better	12 ft.	75	Pieces	\$	\$
KD - D-Fir 2 x 12	NLGA No. 2 grade or better	14 ft.	65	Pieces	\$	\$
KD - D-Fir 2 x 12	NLGA No. 2 grade or better	16 ft.	285	Pieces	\$	\$
2 x 2 Wood Bridging for 16" OC			40	Bundles	\$	\$
Panel Material						
5/8" T&G Plywood	DFP Sheathing grade	4' x 8'	210	Sheets	\$	\$
1/2" Standard Fir Plywood	DFP Sheathing grade	4' x 8'	1,360	Sheets	\$	\$
Parallel Strand Lumber						
89 mm x 482 mm		Individual cut lengths to be determined	100	Lineal feet	\$	\$
133 mm x 285 mm		Individual cut lengths to be determined	15	Lineal feet	\$	\$
133 mm x 482 mm		Individual cut lengths to be determined	75	Lineal feet	\$	\$
178 mm x 482 mm		Individual cut lengths to be determined	100	Lineal feet	\$	\$
140 mm x 285 mm		Individual cut lengths to be determined	300	Lineal feet	\$	\$
Fasteners						
3" galv. stick nails for Bostitch	2000 nails/box	Estimated Quantities	100	Boxes	\$	\$
2.5" galv. Coil nails for Bostitch	5000 nails/box	Estimated Quantities	100	Boxes	\$	\$
Simpson Strong-Ties						
HDU5-SDS2.5		Estimated Quantities	20	Pieces	\$	\$
HDU8-SDS2.5		Estimated Quantities	24	Pieces	\$	\$
HDU11-SDS2.5		Estimated Quantities	40	Pieces	\$	\$
HDU14-SDS2.5		Estimated Quantities	50	Pieces	\$	\$
MSTC28		Estimated Quantities	6	Pieces	\$	\$
MSTC40		Estimated Quantities	6	Pieces	\$	\$
MSTC52		Estimated Quantities	1	Pieces	\$	\$
MSTC66		Estimated Quantities	66	Pieces	\$	\$
CMST14		Estimated Quantities	4	Pieces	\$	\$
ST22		Estimated Quantities	20	Pieces	\$	\$
A35		Estimated Quantities	1,000	Pieces	\$	\$
LUS26		Estimated Quantities	100	Pieces	\$	\$
LUS210		Estimated Quantities	100	Pieces	\$	\$
HHGU 7.25-SDS 2.3		Estimated Quantities	2	Pieces	\$	\$
ECCQ5-6-SDS 2.5		Estimated Quantities	2	Pieces	\$	\$
H2.5		Estimated Quantities	100	Pieces	\$	\$
H2A		Estimated Quantities	400	Pieces	\$	\$
Delivery for all the above (HIAB)						
					\$	\$
					TOTAL	\$
					(HST Extra)	

