

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Public Works and Government Services Canada
Telus Plaza North/Plaza Telus Nord
10025 Jasper Ave./10025 ave. Jaspe
5th floor/5e étage
Edmonton
Alberta
T5J 1S6
Bid Fax: (780) 497-3510

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
Telus Plaza North/Plaza Telus Nord
10025 Jasper Ave./10025 ave Jasper
5th floor/5e étage
Edmonton
Alberta
T5J 1S6

Title - Sujet Stony Mountain Institute-GI	
Solicitation No. - N° de l'invitation ET025-123262/A	Amendment No. - N° modif. 001
Client Reference No. - N° de référence du client CSC	Date 2012-04-04
GETS Reference No. - N° de référence de SEAG PW-\$PWU-308-9355	
File No. - N° de dossier PWU-1-34844 (308)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2012-05-07	Time Zone Fuseau horaire Mountain Daylight Saving Time MDT
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: Dong (RPC), Michael	Buyer Id - Id de l'acheteur pwu308
Telephone No. - N° de téléphone (780) 497-3874 ()	FAX No. - N° de FAX (780) 497-3510
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

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

THIS AMENDMENT NUMBER ONE (1) IS RAISED TO MAKE THE FOLLOWING CHANGES:

UNDER: REQUEST FOR PROPOSAL

Submission Requirements and Evaluation (SRE's) -Delete in its entirety and replace with the following:

Submission Requirements and Evaluation (SRE's) - REVISED April 04, 2012

SECTION 1 BID FORM AND CONTENT REQUIREMENTS

Canada is seeking bids specific to this project. The bid must demonstrate an analytical and creative response to the specific nature of the project as set out in the Project Manual.

The bid submission itself shall comprise two parts, *Part 1 - Technical Portion* and *Part 2 - Price Portion*.

Part 1 - "Technical Portion":

- should contain all the material necessary to fully represent the technical content of the bid called for in the Request for Proposal document (which includes the Project Manual), in a concise, comprehensive manner. It is to be organized under the technical criteria detailed in the Submission Requirements. These criteria are meant to permit a connected, logical presentation of the bid. While the Submission Requirements explanations describe in general terms the intent and the information to be included under each criterion, they are not necessarily exhaustive. Bidders are responsible for fully representing their bid.
- No reference to "PRICE" is to be included in the "TECHNICAL" portion of the submission

Part 2 - "Price Portion":

- Contains the bid price to perform all the proposed services. Complete one copy only of the Bid Price Form (Annex B), and enclose it together with the bid security in a separate sealed envelope clearly marked with the Bidder's name and the project identification. It is mandatory that the Bid Price Form be used for this purpose.

Provide **one (1) bound and signed original, four (4) bound copies and one (1) CD containing electronic copies in PDF format** of *Part 1 - Technical Portion*; and **one (1) signed original** of *Part 2 -Price Portion*, Bid Price form.

Bidders should not submit promotional materials as part of their submissions and are strongly encouraged,

- (a) not to submit information that is not required by this RFP;
- (b) to be succinct in their submissions;
- (c) to mark each page of their submissions with page numbers.

The maximum number of pages (including text and graphics) for the Technical Portion is twenty (20) pages. Page count does not include the Design Proposal. Double-sided submissions are preferred. The following format should be implemented when preparing the bid.

One (1) 'page' means one side of a sheet of paper

Paper size - 8.5"x11" (metric equivalent A4)

Font size - minimum 10 pt Times New Roman or equal on all documents including charts etc.

Margin widths - minimum 12 mm

11"x17" fold-out sheets for spreadsheets, schedules, Gantt Charts, WBS, organization charts etc. will be counted as two pages.

The following are not part of the page limitation mentioned herein;

- Covering letter
- Table of Contents
- Front page of the RFP
- Front page of revision(s) to the RFP
- Bid Price Form (Annex B)
- Section Dividers not containing text
- Bidder Identification, Certifications and Bid Security.
- Design Proposal

Consequence of non-compliance: any pages which extend beyond the above page limitation and any other attachments will be extracted from the bid and will not be forwarded to the Evaluation Board members for evaluation.

SECTION 2: SELECTION

2.1 General

Canada will evaluate the submissions received and such evaluation will be based on the following factors:

- (a) compliance with the terms and conditions of this solicitation;
- (b) the cost representing best value for a technically compliant bid to Canada for the Work;
- (c) assessment of all technical documentation and information for technical compliance;

To be considered responsive, a submission must:

- (a) meet all the mandatory requirements of this solicitation; and
- (b) obtain the required minimum pass mark of **50%** in each category and achieve a minimum total score of **65%** of the available points for the technical criteria specified in this solicitation, which are subject to point rating. The technical rating is performed on a scale of **100** points.

Submissions not meeting (a) or (b) above will be given no further consideration. Only those responsive proposals achieving a minimum Total Technical Points rating of 65 will have their Bid Price Form envelopes opened and be eligible for further consideration.

The responsive bid with the lowest evaluated price will be recommended for award of a contract.

2.2 Financial Evaluation

The evaluated price will be as identified in "Annex B Bid Price Form" at Sub-clause 1.3

SECTION 3: TECHNICAL EVALUATION

Point Rated Criteria:

The *Part 1 - Technical Portion* part of the bid will be evaluated by the Evaluation Board under the technical criteria listed in the Evaluation Criteria Table and as further explained in the Submission Requirements.

The information will be rated from 1 to 10 for each technical criterion/element. The rating is then multiplied by the weight factor shown in the Evaluation Criteria Table to produce a weighted rating. The technical score is obtained by adding the sum of the weighted ratings.

Evaluation Criteria Table

Technical Evaluation Criterion	Weight Factor	Rating	Technical Points Rating
1. Turnkey Capability and Experience			
1.1 Experience of Turnkey Contractor	1	0-10	0-10
1.2 Experience of Design Prime Consultant	1	0-10	0-10
1.3 Team Organization and experience	1	0-10	0-10
2. Project Delivery Management			
2.1. Work Breakdown Structure and Schedule	1	0-10	0-10
2.2. Management of Services and Work	2	0-10	0-20
3. Design Proposal			
3.2.1 Architectural	1.0	0-10	0-10
3.2.2 Civil and Landscape Architecture	0.5	0-10	0-5
3.2.3 Structural Engineering	0.5	0-10	0-5
3.2.4 Electrical Engineering	1	0-10	0-10
3.2.5 Mechanical Engineering	1	0-10	0-10
	10.0		0-100

Submission Requirements

Category 1 - Turnkey Capability and Experience

1.1 Experience of Turnkey Contractor(Max. 10 Points)

1. The Turnkey Services will include Design Management work and General Contracting Work. Describe the Bidder's accomplishments, achievements and experience as the Turnkey (or Design-build) General Contractor on ONE similar type project completed in the last 8 years in terms of:

- a. How the project is relevant to the requested project
- b. Budget management
- c. Schedule management
- d. Quality Management
- e. Design Management
- f. Change Management
- g. Commissioning
- h. Site Safety and Security

Only the first project listed/submitted will receive consideration and any others will receive none as though not included.

2. Provide client contact information including phone numbers for the above project. The Evaluation Board reserves the right to contact the references

1.2 Experience of Design Prime Consultant (Max. 10 Points)

1. Describe the accomplishments, achievements and experience of the Design Prime Consultant on one similar type project completed in the last 8 years in terms of:

- a. How the project is relevant to the requested project
- b. Design challenges and code compliance;
- c. Coordination of disciplines
- d. Budget management
- e. Schedule management
- f. Commissioning

Only the first project listed/submitted will receive consideration and any others will receive none as though not included.

2. Provide client contact information including phone numbers for the above project. The Evaluation Board reserves the right to contact the references.

1.3 Team Organization and Experience (Max. 10 Points)

Describe the team organization and experience, including at least the following information:

1. Description of overall team and structure, roles and responsibilities, reporting relationships (chart)
2. Examples of past approaches or experience which have had similar proposed team structures and processes, including any prior experience that the proposed Key Team Member have had working together
3. Identification and one page CV, including Certification or Professional Accreditation and any experience in Turnkey construction and responsibilities on past projects, for the following key team personnel:
 - A. Contractor Project Manager
 - B. Contractor Site Superintendent
 - C. Lead Architect
 - D. Lead Mechanical Engineer
 - E. Lead Electrical Engineer

Category 2 - Project Delivery Management

2.1. Work Breakdown Structure and Schedule (Max. 10 Points)

1. Provide a Work Breakdown Structure (WBS) with deliverables, demonstrating how the bidder plans to execute the project.
2. Attach a Gantt Chart corresponding with the WBS showing the phases of the overall project i.e. design, construction, post-construction, sequence of main activities and deliverables (detailed schedule, design stages, resource plan, permits, inspections, regulatory compliance, commissioning, warranty etc.). Include submission review times by PWGSC/CSC.
3. Indicate the milestones to monitor scope, risk and schedule.

2.2. Management of Services and Work (Max. 20 Points)

1. Describe the methods/processes that the Turnkey Contractor will implement in providing the following services:
 - a. Management and Control of Scope
 - b. Schedule Management
 - c. Quality management
 - d. Project Risk management (identify risks)
 - e. Environmental Control and waste Management
 - f. Turnkey Contractors decision making structure and response time.
 - g. Sub-Trade management Plan
 - h. Commissioning and Warranty Assurance Plan.
 - i. Site Safety Management and compliance with Safety Regulations.
 - j. Lines of communication and reporting relationship with stakeholders

Category 3 Design Proposal

The Bidder should submit a design proposal which will demonstrate its understanding of the goals of the project, the functional / technical requirements and the constraints described in the Project Manual and the PWGSC provided concept design.

3.1 General - Design Proposal and Design Proposal Presentation

1. The Design Proposal Drawings submitted to PWGSC should include, in an electronic format and in 4 hard copies (bounded sets in format A1), at a minimum:
 - a. a site plan (1:500);
 - b. floor plans (1:200);
 - c. elevations (north, south, east and west) (1:200);
 - d. typical wall sections (1:10), details indicating wall (cladding with anchoring method) and roof assemblies (floor and roof connections, insulation and vapour barrier details);
 Submit colour or black and white 279 mm x 431 mm (11" by 17") format reductions of each of the drawings for reproduction purposes and
2. A Technical Report, in accordance with Section 3.2 below, and including the following drawings (1:200) (which should be annexed to the Technical Report):
 - comprehensive schematic diagrams (single line diagram) for all mechanical systems (HVAC, plumbing, fire protection, etc.) and electrical systems (including Fire alarm);

3.2 Design Proposal - Technical Report Requirements

Bidders should submit a technical report as part of their Design Proposals which provides the information set out in this Section 3.2 (the "Technical Report"). The Bidder's Technical Report should be in a 216 mm x 279 mm format in a three ring binder and should be divided into sections as described below.

3.2.1 Architectural (Max. 10 Points)

The Bidder should describe the architectural concepts for the building, its design strategies and its rationale for the approach selected. The Bidders should describe, for example, performance, durability and including how the Bidder intends to address the following systems to meet the Technical Requirements, at a minimum:

- (a) roof systems;
- (b) wall systems (and materials);
- (c) window and glazing systems;

3.2.2 Site Work - Civil Engineering & Landscaping (Max. 5 Points)

The Bidder should describe the concepts for the building site and its rationale for the design of systems selected. The Bidder should describe, at a minimum, how the following systems will be addressed to meet the Technical Requirements:

- (a) road access;
- (b) water supply linkages;
- (c) sanitary sewerage;
- (d) site storm sewer.

3.2.3 Structural Engineering (Max. 5 Points)

The Bidder should describe the structural engineering concepts for the building and its rationale for the design of systems selected. The Bidder should describe, at a minimum, how the following systems will be addressed to meet the Technical Requirements:

- (a) foundations;
- (b) columns;
- (c) floor and roof framing systems;
- (d) lateral load resisting system; and
- (e) approach to ensure compliance with the NBC seismic requirements.

3.2.4 Mechanical Engineering (Max. 10 Points)

The Bidder should describe the mechanical engineering concepts for the building and its rationale for the design of systems selected. The Bidder should describe, at a minimum, how the following systems will be addressed to meet the Technical Requirements:

- (a) plumbing systems;
- (b) HVAC systems (description of zones);
- (c) fire protection systems;
- (d) natural gas and/or central heating plant connections as applicable.

3.2.5 Electrical Engineering (Max. 10 Points)

The Bidder should describe the electrical engineering concepts for the building and its rationale for the design of systems selected. The Bidder should describe, at a minimum, how the following systems will be addressed to meet the Technical Requirements:

- (a) how the design will comply with utility requirements, including capacity and connections;
- (b) electrical service and distribution;
- (c) fire alarm and security systems;
- (d) lighting and controls.

SECTION 4: MANDATORY SUBMISSION REQUIREMENTS

To be considered compliant, a submission must meet all of the mandatory evaluation criteria.

Submissions not meeting all of the mandatory requirements will be given no further consideration.

The Bidder must:

1. Submit the bid to the Bid Receiving Unit prior to the closing date and time indicated on the front page of the solicitation document;
2. Complete and submit signed Bid Price Form (Annex B);
3. Team Identification (Annex E);
4. Complete and submit signed Declaration Form (Annex F);
5. Provide Bid Security per IB17 of the Instructions to Bidders;

SUBMISSION REQUIREMENTS - CHECKLIST

The following list of documents and forms is provided with the intention of assisting the Bidder in ensuring a complete submission. The Bidder is responsible for meeting all submission requirements.

Proposal - one (1) original, plus four (4) bound copies, plus one (1) CD

Note: the maximum number of pages (including text and graphics) to be submitted for the Technical Portion is 20 pages (Not including Design Proposal)

Front page of RFP- acknowledged

Bid Price Form (in a separate envelope) - completed and signed

Front page(s) of any solicitation amendment(s) - acknowledged

Bid Security included with Bid Price Form

Team Identification (Annex E)

Complete and submit signed Declaration Form (Annex F)

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME