

**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**

<b>Title - Sujet</b> Stony Mountain Institute-GI	
<b>Solicitation No. - N° de l'invitation</b> ET025-123262/A	<b>Amendment No. - N° modif.</b> 008
<b>Client Reference No. - N° de référence du client</b> CSC	<b>Date</b> 2012-05-25
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWU-308-9355	
<b>File No. - N° de dossier</b> PWU-1-34844 (308)	<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 2012-06-27</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Mountain Daylight Saving Time MDT
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Dong (RPC), Michael	<b>Buyer Id - Id de l'acheteur</b> pwu308
<b>Telephone No. - N° de téléphone</b> (780) 497-3874 ( )	<b>FAX No. - N° de FAX</b> (780) 497-3510
<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>

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**THIS AMENDMENT NUMBER eight (8) IS RAISED TO MAKE THE FOLLOWING CHANGES:**

UNDER: Solicitation closes

Delete: In its entirety and replace with the following:

Solicitation closes - L'invitation prend fin

On - Le: 2012-06-27

At - à: 02:00 PM

**UNDER: INTRODUCTION**

**DELETE: In its entirety and replace with the following:**

**Introduction**

Public Works and Government Services Canada (PWGSC) is inviting qualified Turnkey (Design-Build) Bidders to deliver new Generic Support Buildings at Stony Mountain Institution, Stony Mountain, Manitoba.

The objective of this RFP is to retain an individual Contractor or Joint Venture to provide the complete design-build (turnkey) **work for three (3) Generic Support Buildings** (one GI Building and two GO Buildings) at Stony Mountain Institution. Utilizing a turnkeyservice delivery methodology, a full range of professional consultant and contractor services will be required during both the design and construction phases of the project. The work consists of but is not limited to the design and construction of the buildings, including site work and service connections. The Project requires design and execution for multiple disciplines carefully coordinated with on-going Institutional operations.

This is a single phase selection process.

This RFP Document sets out the project requirement, i.e., the particulars of the project itself and the broad scope of services required from the Contractor.

Based upon their analysis of the project requirements and the capability/capacity of their firm, the bidders formulate bids for the service, including their price.

The bidders describe their capabilities and proposed services in the "Technical Portion" of the submission (Envelope One). The "Price Portion" includes the proposed price and bid security which is submitted in a sealed envelope (envelope two).

The Technical Portion of competitive bids are evaluated, without knowledge of the price, by the Technical Evaluation Board. Evaluation is based on a set of pre-established criteria, components and weight factors. Numerical technical scores are awarded at the completion of the technical evaluation.

Price envelopes are then opened for the technically qualified proposals. The responsive submission with the lowest price will be recommended for award of the contract.

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**UNDER: IB25 OPTIONAL SITE VISIT**

ADD the following:

**A second Optional Site Visit will be held:**

The Stony Mountain Optional Site Visit will be held at **13:30, on Tuesday, June 5, 2012** at the-Stony Mountain Institution. Meet at the main site security trailer at-Stony Mountain Institution: Stony Mountain, Manitoba

Due to limited space, each design-build proponent is limited to no more than 4 persons. Due to security considerations, persons with criminal records may be denied access to the Institution.

**Refer to CSC Technical Considerations GO and GI Projects document "Section SP - Site".**

Delete: Article 3.3 "Temporary Secured Fence".

**Refer to Turnkey Project Manual, Section 2 General Requirements, Article 3.0 Quality Control.**

Delete: Article 3.1 "The Contractor will appoint and pay for materials and systems testing identified in the Performance Specifications or the Contractor's Proposal" and Replace with "The Contractor will appoint and pay for materials and systems testing identified in the Performance Specifications as well as any additional testing identified in the Contractor's Proposal".

**Refer to Annex B Bid Price Form of Request for Proposal, Article 1.5 Construction Time.**

Delete: "35 weeks" and Replace with "42 weeks".

**UNDER: REQUEST FOR PROPOSAL, Submission Requirements and Evaluation (SRE's),  
SECTION 3: TECHNICAL EVALUATION:**

**Evaluation Criteria Table - *Delete in its entirety and replace with the following:***

Technical Evaluation Criterion	Weight Factor	Rating	Technical Points Rating
<b>1. Turnkey Capability and Experience</b>			
1.1 Experience of Turnkey Contractor	1.5	0-10	0-15
1.2 Experience of Design Prime Consultant	1.5	0-10	0-15
1.3 Team Organization and experience	2.0	0-10	0-20
<b>2. Project Delivery Management</b>			
2.1 Work Breakdown Structure and Schedule	1	0-10	0-10
2.2 Management of Services and Work	2	0-10	0-20
<b>3. Design Proposal</b>			
3.2.1 Architectural	0.5	0-10	0-5
3.2.2 Site Work - Civil Engineering & Landscaping	0.2	0-10	0-2
3.2.3 Structural Engineering	0.3	0-10	0-3
3.2.4 Mechanical Engineering	0.5	0-10	0-5
3.2.5 Electrical Engineering	0.5	0-10	0-5
	<b>10.0</b>		<b>0-100</b>

**UNDER: Submission Requirements, Category 1 - Turnkey Capability and Experience and Category 3 - Design Proposal, *Delete in its entirety and replace with the following:***

**Category 1 - Turnkey Capability and Experience**

**1.1 Experience of Turnkey Contractor(Max. 15 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. 15 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. 20 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 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. 5 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. 2 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. 3 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. 5 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. 5 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.

#### **UNDER: Submission Requirements and Evaluation (SRE's)**

***Revise to read:***

**The maximum number of pages (including text and graphics) for the Technical Portion is twenty seven (27) pages. Page count does not include the Design Proposal. Double-sided submissions are preferred. The following format should be implemented when preparing the bid.**

#### **UNDER: SUBMISSION REQUIREMENTS - CHECKLIST**

***Revise to read:***

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 27 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)**

**This Revision includes a technical addendum as attached.**

Drawings, Specifications, and addendum are now available for viewing and downloading in a Portable Document Format (PDF) or in a standard paper version. Tenderers should note that Attachment 1 (ATT 001), Attachment 2 (ATT 002), Attachment 3 (ATT 003), and Attachment 4 (ATT 004) contain the Drawings, Specifications, and addendum Package (DSP) which consists of PDF files organized in an industry recognized directory structure.

**ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME**