



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

Public Works and Government Services Canada  
ATB Place North Tower  
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  
ATB Place North Tower  
10025 Jasper Ave./10025 ave Jasper  
5th floor/5e étage  
Edmonton  
Alberta  
T5J 1S6

<b>Title - Sujet</b> Sinclair Canyon Electrical Upgrade	
<b>Solicitation No. - N° de l'invitation</b> EP922-172961/A	<b>Amendment No. - N° modif.</b> 004
<b>Client Reference No. - N° de référence du client</b> Parks EP922-172961	<b>Date</b> 2017-02-28
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWU-183-11007	
<b>File No. - N° de dossier</b> PWU-6-39328 (183)	<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 2017-03-09</b>	
<b>Time Zone</b> Fuseau horaire Mountain Standard Time MST	
<b>F.O.B. - F.A.B.</b>	
<b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Tikhonovitch (RPC), Alex	<b>Buyer Id - Id de l'acheteur</b> pwu183
<b>Telephone No. - N° de téléphone</b> (780) 901-7940 ( )	<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/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

**Sinclair Canyon- Pre Tender Meeting**115302913 / 5\_Sinclair\_Canyon\_meeting\_minutes.docx

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Date/Time: February 22, 2017 / 2:00pm  
Place: Radium BC, Hot Springs West Parking Lot  
Next Meeting: N/A  
Attendees: In accordance with sign in sheet  
Absentees: N/A  
Distribution: All contractors registered with Parks Canada and PWGSC

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**Item: Sinclair Canyon – Pre Tender:**

- a. Introductions
  - i. PWGSC / PC
    - a) Darren McNamara - Parks Canada
    - b) Moses Young PWGSC
  - ii. Stantec Consulting Ltd.
    - a) Electrical – Tyler Shellenberg, Darren McNeil, Ana Tanase
    - b) Civil – Dustin Bond
    - c) Structural – Will Phillips
- b. Summary of works
  - i. General summary –
    - a. Electrical rehabilitation of site lighting and power system, retaining wall, and civil remediation throughout the Canyon.
    - b. Shop drawings to be submitted for all material inclusive of all disciplines. During the solicitation period, alternative materials may be considered provided full technical data is received in writing by the Contracting Officer at least ten (10) calendar days prior to the solicitation closing date. If the alternative materials are approved for the purposes of the bid, an addendum to the bid documents shall be issued.
    - c. It is noted that the electrical design has gone through optimization on a number of manufacturers and product to attain the current configuration maximizing spacing and total number of luminaires.
    - d. Traffic & Pedestrian Accommodation
      - i. Maintain access to all onsite walkways or provide alternate access.
      - ii. Provide Traffic accommodation plans for all lane shutdowns for review to PC/PWGSC in accordance with specifications. PWGSC will work with the successful vendor to implement lane closures and shutdowns to facilitate the work. Shutdowns on long weekends are not preferred.
      - iii. Utilize Barrier / Fencing as required to protect pedestrians from construction site in accordance with specifications.
      - iv. Civil work to be done in parallel with Electrical work.

**Item: Sinclair Canyon – Pre Tender:**

- e. ECO Plan
  - i. In accordance with spec, manage all runoff and construction site drainage in accordance with ESC requirements.
- ii. PWGSC
  - a. Operational requirements.
  - b. Radium Hot Springs access
  - c. Format for submitting RFI/Inquiries
  - d. Completion Timeline
  - e. Anticipated contractors working in parallel
  - f. Bid closing date – Feb 29<sup>th</sup>, 2017
- iii. Electrical works
  - a. Sources of power – BC Hydro Transformer adjacent to existing pool on lower side is 347V, 480V Transformer adjacent to parks pass kiosk near Radium is to be decommissioned in accordance with drawings. New CDP to be utilized for central distribution.
  - b. Mainly Roadway lighting system with supporting works. At grade pedestrian crossing lighting to be provided by the Canyon Site.
  - c. Contractor shall be responsible for all BC Hydro Connection requests and associated costs to do with the service transformer.
  - d. System voltages – Currently 480V & 347V. 347V by end of project as contractor is to decommission the 480V supply in accordance with drawings.
  - e. Future Fibre Optic System – To be installed for future use. Duct, manholes, and pull string as shown on drawings.
  - f. Existing Utilities depicted on the drawings do not relieve the contractor of completing first calls, locates, and Hydrovac.
  - g. Minimum acceptable standard product – During the solicitation period, alternative materials may be considered provided full technical data is received in writing by the Contracting Officer at least ten (10) calendar days prior to the solicitation closing date. If the alternative materials are approved for the purposes of the bid, an addendum to the bid documents shall be issued.
  - h. Conduit at crossing near Canyon is shallow. Two trench details available for this area to allow the contractor flexibility. All work shall meet required AHJ's and Code.
  - i. Pedestrian crossing near Canyon requires beacons and control systems, as in drawings.
- iv. Civil Works
  - a. Curb, Gutter, Catch Basin, Sidewalk remediation, and line painting, as in drawings
  - a. Barriers- contractor to replace damaged jersey barriers, as in drawings.
  - b. Deep Utility remediation as noted in the drawings.
  - c. Replacement and patching as per drawings and as a result of electrical works.

**Item: Sinclair Canyon – Pre Tender:**

- d. Rundle Stone Wall remediation at canyon requires remediation. The wall is not designated as historical and does not require historic remediation. Intent is to patch and replace stonework to look "as new". Cap, fill, and grout all existing luminaires no longer in use. Top Cap shall be replaced "as required" to facilitate the work. No work is to be completed on the canyon site, all work to be completed on the highway side of wall. Remove, Fill and patch all existing electrical lights no longer functioning.
- v. Structural works
  - a. Geotechnical Report – Within appendix of tender documents. This document can be used for design or estimate purposes.
  - b. Piling requirements– The existing bin wall is at the end of its design life and the new tangent pile design is as proposed in the drawings. Shop drawings shall be provided for all piling procedures and steel.
  - c. Canyon Curb Replacement – No additional drawings are available to the contractor. It appears that the existing curb has been replaced and may no longer be tied to the structure. For the purpose of bid this will be assumed.

The meeting adjourned at 3:00pm

The foregoing is considered to be a true and accurate record of all items discussed. If any discrepancies or inconsistencies are noted, please contact the writer immediately.

**Stantec Consulting Ltd.**

Attachment: 1\_Sinclair Canyon\_pre\_bid\_outline; 3\_Sinclair\_canyon\_pre\_bid\_Questions



Sinclair Canyon Electrical Upgrade and Site Rehabilitation, BC  
 The following outlines responses to requests for information:

#	Question	Response	Date
1	Drawing E213 – Detail 10 conflicts with Detail 4	Multipole contactor shall be used as per detailed 10, E213	2017-Feb-25
2	Drawing E213 – Detail 10, Source of 1.5kVA not mentioned.	Contractor may provide power from breaker in CDP-A	2017-Feb-25
3	Drawing E213 – Detail 12 – Access to Hydro Transformer	As per Keynote 1, carry costs associated for Hydro work.	2017-Feb-25
4	Drawing E213 – Detail 12 – Conduit Size for CDP-A Feeder	Conduit shown to be carried.	2017-Feb-25
5	Drawing E213 – Detail 12 - Receptacle	Contractor to provide existing breaker for protection of maintenance receptacle on load side of 120V Transformer.	2017-Feb-25
6	Drawing E214 – Detail 5 – Panel	Question is unclear as to what the Contractor wants. Request more detailed inquiry.	2017-Feb-25
7	Drawing E214 – Detail 5 - Receptacle	Contractor to provide existing breaker for protection of maintenance receptacle on load side of 120V Transformer.	2017-Feb-25
8	Drawing E214, Details 2, 3, and 6 - Revision to foundations	During the solicitation period, equivalent materials may be considered provided full technical data is received in writing by the Contracting Officer at least ten (10) calendar days prior to the solicitation closing date. If the equivalent materials are approved for the purposes of the bid, an addendum to the bid documents shall be issued.	2017-Feb-25
9	Drawing C208 Detail F and A	The rail as shown is not based upon any one vendor's specified product.	2017-Feb-25
10	Can RPVC be utilized as a substitute for the HDPE	HDPE Shall be utilized as specified.	2017-FEB-27
11	Could we use pre-cast concrete pillars as a substitute for cast-in-place concrete pillars, for the pole bases?	During the solicitation period, equivalent materials may be considered provided full technical data is received in writing by the Contracting Officer at least ten (10) calendar days prior to the solicitation closing date. If the equivalent materials are approved for the purposes of the bid, an addendum to the bid documents shall be issued.	2017-FEB-27

## Sinclair Canyon Electrical Upgrade and Site Rehabilitation, BC

12	We have a question from a metal fabricator trying to put a piece together for the handrails. He's wondering how you'd like to see the pre-fabricated sections attach together? He has an idea about using a sleeve system that would act as an expansion joint as well. Just wanted to see if you had a vision or some specs for this portion of the handrail system?	The expansion joint is to be a sliding internal sleeve at the joints as per detail 'F' on drawing C208	2017-FEB-27
13	Is a tentative construction schedule required to be submitted with the Bid? Re: Section 01-14-00-1.14	No, detailed schedule will be submitted after contract award	2017-Feb-28
14	Are Unit Prices required for each type of pile	No, submit as part of single stipulated price.	2017-Feb-28
15	Will Pre-Cast Concrete Pole Bases be acceptable instead of the Cast-In-Place Pole Bases detailed on Dwg. E214	During the solicitation period, equivalent materials may be considered provided full technical data is received in writing by the Contracting Officer at least ten (10) calendar days prior to the solicitation closing date. If the equivalent materials are approved for the purposes of the bid, an addendum to the bid documents shall be issued.	2017-Feb-28
16	How is pedestrian traffic dealt with between the Village of Radium Hot Springs and the Radium Hot Springs Pools?	Maintain all pedestrian access and walkways. Where required, provide alternate routes in accordance with spec.	2017-Feb-28
17	Will Parks Canada monitor and control wild life surrounding and within the vicinity of the construction areas?	Contractor is responsible for safety of workers on site and protection of the environment. See specs for details.	2017-Feb-28