



TENDER AMENDMENT

RETURN BIDS TO:

Parks Canada Agency
635 – 8 Avenue S.W., Suite 1300
Calgary, AB T2P 3M3
Bid Fax: (403) 292-4475

The referenced document is hereby amended: unless otherwise indicated, all other terms and conditions of the contract remain the same.

Issuing Office:

Parks Canada Agency
635 – 8 Avenue S.W., Suite 1300
Calgary, AB T2P 3M3

MODIFICATION D'APPEL D'OFFRES

RETOURNER LES SOUMISSIONS À :

Agence Parcs Canada
635 – 8 Avenue S.O., pièce 1300,
Calgary, AB T2P 3M3
N° de télécopieur pour soumissions : (403) 292-4475

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Bureau de distribution :

Agence Parcs Canada
635 – 8 Avenue S.O., pièce 1300
Calgary (AB) T2P 3M3

| | | |
|---|---|--|
| Title: Illecillewaet Curve Safety Improvements, Phase 2, Highway 1, Trans-Canada Highway, Glacier National Park | | |
| Solicitation No.: / N° de l'invitation : 5P420-16-5203/A | Amendment No.: / N° de modification de l'invitation : 001 | Date: September 22, 2016 Date : 22 septembre 2016 |
| GETS Reference No.: / N° de référence de SEAG : PW-16-00745733 | | |
| Solicitation Closes: / L'invitation prend fin : | | |
| At: 02:00 PM | On: October 4, 2016 | Time Zone: Mountain Daylight Time (MDT) |
| À : 14h00 | Le : 4 octobre 2016 | Fuseau horaire : Heure avancée des Rocheuses (HAR) |
| Address Inquiries to: / Adresser toute demande de renseignements à : Nicole Levesque-Welch | | |
| Telephone No.: / N° de téléphone : (403) 292-4691 | Fax No.: / N° de télécopieur : (403) 292-4475 | Email Address: / Courriel : nicole.levesque-welch@pc.gc.ca |
| TO BE COMPLETED BY THE BIDDER (type or print) | | |
| Vendor/Firm Name – Nom du fournisseur/de l'entrepreneur | | |
| Address - Adresse | | |
| Name of person authorized to sign on behalf of the Vendor/Firm Nom de la personne autorisée à signer au nom du fournisseur/de l'entrepreneur | | |
| Title - Titre | | |
| Signature | | Date |



AMENDMENT 001

This amendment is being raised to add drawings, modify the specifications and respond to questions submitted in response to solicitation 5P420-16-5203/A:

A. QUESTIONS AND ANSWERS

Q1. With regards to the VMS, the Lump Sum Item description is “Design-Build VMS Relocation” yet on Drawing 104 the note pointing to the sign says “Retain VMS in Place”. Please clarify.

A1. The VMS at approximately station 22+465 is to be relocated. The VMS at approximately station 23+000 is to remain in place.

Q2. If the VMS is to be relocated, where is it being relocated to?

A2. VMS at approximately station 22+465 is to be relocated outside of the new edge of asphalt, as directed by the Departmental Representative.

Q3. Lump Sum Item 5a – Connaught Creek PCBC calls for the Design-Build of 65 meters of 5m wide x 3m high box culvert. None of the box culvert manufacturers in British Columbia or Alberta make boxes with a 5 meter span. Would PCA consider changing the design to twin boxes with the same capacity or some alternate size? The 5 meter span would increase the weight of the boxes significantly.

A3. Regarding the precast concrete box culvert on IFT Drawing Reference No. 752, Sheet No. 22, Rev PD Typical Culvert Section: A 4880mm wide x 3050mm high (inside dimensions) sized box culvert will be accepted in place of the 5000mm x 3000mm currently shown. This change will be reflected on the Issued for Construction drawings.

Q4. Are there cross-sections available for this project?

A4. Please refer to DSP 2 – 16-5203 folder for cross sections

Q5. Section 01 11 00 Paragraph 1.7.4.3 states that Delivery of Merchantable Timber must be completed by December 16, 2016 yet by Paragraph 1.7.4.6 no work on site is permitted between October 16, 2016 and June 1, 2017. Please clarify.

A5. See revised Specifications – Delivery of Merchantable Timber is to be completed by others. October 16 – June 1 are not guaranteed dates and are based on historical avalanche risks periods. No work will be permitted onsite once Parks has deemed the avalanche risk too great.

Q6. Culvert #5 on Drawing 700 calls for the partial removal and extension of the inlet of the 3000 mm SPCSP yet there is no item in the unit price table. Please clarify.

A6. See revised Annex A Price Form for inclusion of Unit Price Item 7bvi Supply and Install CSP Culvert Extensions - 3000mm SPCSP.

Q7. With regards to the Culvert Installation Table on Drawing 700, can you please clarify the following discrepancies in comparison with the Unit Price Table quantities?

| Description | Unit Price Table | Culvert Installation Table |
|-------------------------|------------------|----------------------------|
| Remove 900 mm CSP | 82.6 m | 52.6 m |
| S&I 600 mm CSP | 144.0 m | 165.0 m |
| S&I 900 mm CSP | 120.0 m | 78.0 m |
| S&I 1200 mm CSP | 88.0 m | 0.0 m |
| 3000 mm SPCSP Extension | 0.0 m | 12.0 m |

All other culvert quantities match up.



A7. See revised Annex A Price Form for updated culvert quantities.
Q8. Further to my question regarding no work on site past October 16, can you please clarify whether this is all work or only work that may disrupt traffic? For instance, would it be permissible to perform grubbing operations in advance of the spring bird nesting season?

A8. Refer to question 5.

Q9. What traffic signs you need specifically, I see that on the tender there is 100m2 but I would like the actual sign designs specially.

A9. As per Section 10 14 53 Traffic Signage 2.1.1 and 3.1.1.2 the Contractor is responsible for the sign designs. Designs must meet requirements in Parks Canada Exterior Signage Standards and Guidelines (current edition) which is readily available on the internet.

B. SPECIFICATIONS REVISION

DELETE: Illecillewaet Curve Improvements Ph 2- Specs, in its entirety

REPLACE WITH: Illecillewaet Curve Improv Ph 2- Specs Rev 1. See DSP 2 – 16-5203 folder for document.

C. DRAWINGS

ADD: Illecillewaet_Ph2_DesignCrossSections. See DSP 2 – 16-5203 folder for drawings

D. PRICE FORM REVISION

DELETE: Annex A – Price Form, in its entirety

REPLACE WITH: See following page. Changes are marked in red.

All other terms and conditions remain the same.



ANNEX A PRICE FORM

- 1) The prices per unit shall govern in establishing the Total Extended Amount. Any arithmetical errors in this Appendix will be corrected by Canada.
- 2) Canada may reject the bid if any of the prices submitted do not reasonably reflect the cost of performing the part of the work to which that price applies.

LUMP SUM TABLE

Note: Bidders are reminded that it is their responsibility to include in their bid all work as described in the drawings and specifications. Pricing for work not accounted for in the Unit Price Table including but not limited to Mobilization, De-Mobilization, etc. is to be included in the Lump Sum Table.

| Item No. | Specification Reference | Class of Labour, Plant or Material | Unit of Measurement | Estimated Quantity | Estimated Total Price GST/HST extra |
|--|-------------------------|------------------------------------|---------------------|--------------------|-------------------------------------|
| 1 | 01 25 00 | Mobilization/Demobilization | Lump Sum | 1 | \$ _____ |
| 2 | 01 35 31 | Traffic Accommodation | Lump Sum | 1 | \$ _____ |
| 3 | 01 21 00 | Prime Cost Sum | Lump Sum | 1 | \$850,000.00 |
| 4 | 33 71 75 | Design-Build VMS Relocation | Lump Sum | 1 | \$ _____ |
| 5 | 33 42 36 | Design-Build Culverts | | | |
| | | a) Connaught Creek PCBC | Lump Sum | 1 | \$ _____ |
| | | b) Hermit Creek PCBC | Lump Sum | 1 | \$ _____ |
| TOTAL LUMP SUM AMOUNT (LSA) Transfer amount to subparagraph 1) (a) of BA03 | | | | | \$ _____ |



UNIT PRICE TABLE

The Unit Price Table designates the Work to which a Unit Price Arrangement applies and the Lump Sum Amount designates Work to which a Lump Sum Arrangement applies.

- (a) The Price per Unit and the Estimated Total Price must be entered for each item listed.
- (b) Work included in each item is as described in the referenced specification section.

| Item No. | Spec. Reference | Class of Labour, Plant or Material | Unit of Measurement | Est. Qty | Price per Unit GST/HST extra | Estimated Total Price GST/HST extra |
|----------|----------------------------------|--|--------------------------|------------------|---------------------------------|--|
| 1 | 31 11 00 | Grubbing | Ha | 3.5 | \$ _____ | \$ _____ |
| 2 | 31 24 00 | Roadway and Drainage Excavation | | | | |
| | | a) Stripping and Stockpiling | m ³ | 12,680 | \$ _____ | \$ _____ |
| | | b) Type D Excavation - Place Embankment as Fill | m ³ | 28,100 | \$ _____ | \$ _____ |
| | | c) Type D Excavation - Place Fill as Embankment from East Gate Landslide | m ³ | 18,660 | \$ _____ | \$ _____ |
| | | d) Type D Excavation - Dispose of Unsuitable Materials | m ³ | 5,630 | \$ _____ | \$ _____ |
| | | e) Surcharge | | | | |
| | | i) Place Imported Fill as Surcharge | m³ | 6,600 | \$ _____ | \$ _____ |
| | | ii) Remove Surcharge and Place as Embankment | m ³ | 6,600 | \$ _____ | \$ _____ |
| 3 | 02 41 99 | Asphalt Pavement Removal | | | | |
| | | a) Profile Milling | m ² | 25,755 | \$ _____ | \$ _____ |
| | | b) Partial Depth | m ² | 7,500 | \$ _____ | \$ _____ |
| 4 | 31 37 00 33 42 36 | Supply and Install Riprap | | | | |
| | | a) 25kg Riprap | m ³ | 442 | \$ _____ | \$ _____ |
| | | b) Channel Bedding | m ³ | 2,000 | \$ _____ | \$ _____ |
| 5 | 31 11 20 31 11 24 31 11 24 | BC MoTI Aggregate | | | | |
| | | a) Select Granular Sub-Base | m ³ | 9,810 | \$ _____ | \$ _____ |
| | | b) 50mm Well Graded Base Course | m ³ | 6,980 | \$ _____ | \$ _____ |
| | | c) 25mm Well Graded Base Course | m ³ | 3,780 | \$ _____ | \$ _____ |
| 6 | 32 12 16 | Asphalt Concrete Pavement – EPS | | | | |
| | | a) BC MoTI Class 1 Medium Mix (19mm) | tonnes | 12,670 | \$ _____ | \$ _____ |



| Item No. | Spec. Reference | Class of Labour, Plant or Material | Unit of Measurement | Est. Qty | Price per Unit GST/HST extra | Estimated Total Price GST/HST extra |
|------------------------|-----------------|--|---------------------|---------------------|------------------------------|-------------------------------------|
| 7 | 33 42 13 | Pipe Culverts | | | | |
| | | a) Remove and Dispose CSP Culverts | | | | |
| | | i) 900mm and Smaller | m | 52.6 | \$ _____ | \$ _____ |
| | | ii) 1200mm and Larger | m | 75.6 | \$ _____ | \$ _____ |
| | | b) Supply and Install CSP Culvert Extensions | | | | |
| | | i) 600mm | m | 18 | \$ _____ | \$ _____ |
| | | ii) 800mm | m | 33 | \$ _____ | \$ _____ |
| | | iii) 900mm | m | 12 | \$ _____ | \$ _____ |
| | | iv) 1200mm | m | 36 | \$ _____ | \$ _____ |
| | | v) 3000 mm SPCSP | m | 12 | \$ _____ | \$ _____ |
| | | c) Supply and Install CSP Culverts | | | | |
| i) 600mm | m | 165 | \$ _____ | \$ _____ | | |
| ii) 900mm | m | 78 | \$ _____ | \$ _____ | | |
| iii) 1200mm | m | 88 | \$ _____ | \$ _____ | | |
| 8 | 32 91 19.13 | Topsoil Placement | m ³ | 9,791 | \$ _____ | \$ _____ |
| 9 | 32 17 23 | Pavement Markings | | | | |
| | | a) Line Painting | m | 18,660 | \$ _____ | \$ _____ |
| | | b) Gore / Hatch Marking | m ² | 480 | \$ _____ | \$ _____ |
| | | c) Arrows | each | 27 | \$ _____ | \$ _____ |



| Item No. | Spec. Reference | Class of Labour, Plant or Material | Unit of Measurement | Est. Qty | Price per Unit GST/HST extra | Estimated Total Price GST/HST extra |
|--|-----------------|--|---------------------|----------|------------------------------|-------------------------------------|
| 10 | 10 14 53 | Traffic Signage | | | | |
| | | a) Remove and Dispose of Signage | | | | |
| | | i) Single Post Sign | each | 5 | \$ _____ | \$ _____ |
| | | ii) Triple Post Sign | each | 3 | \$ _____ | \$ _____ |
| | | b) Remove and Reinstall Signage | | | | |
| | | i) Single Post Sign | each | 18 | \$ _____ | \$ _____ |
| | | ii) Double Post Sign | each | 1 | \$ _____ | \$ _____ |
| | | iii) Quadruple Post Sign | each | 1 | \$ _____ | \$ _____ |
| | | c) Supply and Install Sign Base and Post | | | | |
| | | i) Single Post Sign | each | 22 | \$ _____ | \$ _____ |
| | | ii) Double Post Sign | each | 2 | \$ _____ | \$ _____ |
| | | iii) Triple Post Sign | each | 3 | \$ _____ | \$ _____ |
| | | d) Supply and Install Sign Face | m ² | 100 | \$ _____ | \$ _____ |
| 11 | 33 46 19 | Precast Concrete Barriers | | | | |
| | | a) Remove, Haul and Dispose | m | 105 | \$ _____ | \$ _____ |
| | | b) Supply and Install | | | | |
| | | i) CBN-H | each | 4 | \$ _____ | \$ _____ |
| | | ii) CTB-1E 460-690mm | each | 4 | \$ _____ | \$ _____ |
| | | iii) CTB-2H 690-810mm | each | 4 | \$ _____ | \$ _____ |
| | | iv) CMB-E 810mm | each | 24 | \$ _____ | \$ _____ |
| | | v) CMB-H 810mm | each | 26 | \$ _____ | \$ _____ |
| vi) CDB-1E 810mm Drainage Barrier | each | 2 | \$ _____ | \$ _____ | | |
| TOTAL UNIT PRICE AMOUNT (TEA) | | | | | \$ _____ | |
| Transfer amount to subparagraph 1) (b) of BA03 | | | | | | |

Note: Bidders are reminded that it is their responsibility to include in their bid all work as described in the drawings and specifications.