



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS Á:

Parks Canada Agency
1300 - 635 8 Ave SW
Calgary, AB T2P3M3
Bid Fax: (403) 292-4475

INVITATION TO TENDER

APPEL D'OFFRES

AMENDMENT / MODIFICATION

003

Tender To: Parks Canada Agency
We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

Soumission aux: l'Agence Parcs Canada
Nous offrons par la présente de vendre à Sa Majesté la Reine du Chef du Canada, aux conditions énoncées ou incluses par référence dans la présente at aux annexes ci-jointes, les biens, services et construction énumérés ici et sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments - Commentaries

Issuing Office - Bureau de distribution

Parks Canada Agency
Suite 1300
635 - 8 Ave SW
Calgary, AB T2P3M3

Title-Sujet Trans-Canada Highway Twinning – km 82-88 Yoho National Park		
Solicitation No. - No. de l'invitation 5P420-16-5123/A		Date: August 17, 2016
GETS Reference No. – No de reference de SEAG PW-16-00739080		Amendment No. - N° de la modif. 003
Solicitation Closes:		
at – á 02:00 PM	on – le August 23, 2016	Time Zone - Fuseau horaire MDT - HAR
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>		
Address Inquiries to: - Adresser toute demande de renseignements à : Nathaniel Harrison - nathaniel.harrison@pc.gc.ca		
Telephone No. - No de téléphone (403) 292-4572		Fax No. – No de FAX: (403) 292-4475
Destination of Goods, Services, and Construction: Destinations des biens, services et construction: See Herein – Voir ici		

TO BE COMPLETED BY THE BIDDER (type or print)

Vendor/Firm Name	
Address - Adresse	
Name of person authorized to sign on behalf of the Vendor/Firm Nom de la personne autorisée a signer au nom du fournisseur/ de l'entrepreneur	
Titale - Titre	
Telephone No. - N° de telephone:	_____
Facsimile No. - N° de télécopieur:	_____
Signature	Date

Amendment 3

This amendment has been issued to answer questions from bidders.

A. Questions

Q70. Is it acceptable to pour the deck in two halves with a construction joint down centerline?

A70. No.

Q71. Section A on drawing S101 shows two types of backfill: Type D fill and Compacted 50mm WGB fill. How are these items paid?

A71. The Type D fill will not be measured for payment directly, rather it shall be considered incidental to “**Unit Price Item 4 – Roadway and Drainage Excavation**”. The 50mm WGB fill material will be paid under “**Unit Price Item 6 – Granular Sub-Base Course**”.

Q72. Have the utility owners who have utilities that need to be relocated been notified? If so have the utility owners given any schedule as to when the work would be completed?

A72. The contractor is responsible for coordinating works with the utility owners and all related schedule impacts. The cost associated with utility locates, protection and temporary relocations will be incidental to the Contract. Direct construction costs associated with permanent relocation of utilities (if required) shall be compensated through the project's Prime Cost Sum.

Q73. Is the hydrovacating of existing utilities covered under the Prime Cost Sum item?

A73. No.

Q74. According to the specs, (Section 03 30 00, 1.7), concrete shall be delivered and discharged within 120 minutes maximum after batching. Does it apply to all types of structural concrete including the HPC for deck construction?

A74. Yes.

Q75. To aid in traffic accommodation can the bridge be constructed in 2 halves, with a longitudinal construction joint along the deck, approach, abutment and substructure?

A75. No

Q76. According to the specs, Section 03 30 51, unformed surfaces are to be cured with wet burlap for seven days after placement. However, drawing S001 indicates that “Concrete deck shall be moist cured for a minimum of 14 days by continuous sprinkling and absorptive mat...”. Could you please confirm how many days of curing is required in HPC after concrete is placed?

A76. Refer to Amendment 03 Tender Package Revisions - Specifications

Q77. I would like to confirm the original items 11 Pavement Markings.

B- Inlay thermoplastic Gore and Hatch Marking ---31 M2, C- Inlay thermoplastic Arrow & Stop Bar – 14 ea. Have been changed to item 10 and are to be installed with traffic paint as per question and answer number Q9 in Amd. No 001.

32 17 23 Pavement Markings – Measurement & Payment item.3 still refers to Inlay thermoplastic.

A77. Refer to Amendment 03 Tender Package Revisions – Specifications

Q78. Structural drawing # S102 specifies a 50x150 Continuous Neoprene Pad under approach slab. From speaking with manufacturers of continuous neoprene pads, 6mm is the maximum thickness available. Please clarify.

A78. Refer to Amendment 1 Q14 response.

- Q79.** Catch Basin 11, 12 and 18 are located in the middle of 900/1000mm CSP culverts respectively. As per discussion with suppliers (please see attached sizing chart), the following larger diameter manholes are required:
A) 1.2 1-S for 900mm CSP leads (CB 12 and CB 18)
B) 1.5 1-S for 1000mm CSP leads (CB 11)
Please confirm that these size manholes are acceptable solutions, and whether new unit schedule items will be created for these sizes?
- A79.** Catch basin locations will be adjusted in the field to accommodate culvert conflicts.
- Q80.** Due to the large volume of work required to be finished by the current completion date of August 25th, 2017 it would be much more economical for Parks to allow the successful contractor to take advantage of the entire 2017 construction season. Is it acceptable to shift the end date of the contract so that the Twinning of KM 82 – 88 is required to be complete by October 31st, 2017?
- A80.** Refer to Amendment 2 Q32 response.
- Q81.** Please confirm the Structural Excavation (shown drawing S101) is paid under item 4) Roadway and Drainage Excavation.
- A81.** The Structural Excavation as shown on drawing S101 Section A shall be paid under **“Unit Price Item 4 – Roadway and Drainage Excavation”**.
- Q82.** Please Confirm the Compacted Type D fill is (shown on drawing S101) is paid under item 4b) Roadway and Drainage Excavation – Type D Excavation.
- A82.** Refer to Q71 response.
- Q83.** Please confirm the Compacted 50mm WGB Fill (shown drawing S101) is paid under item 6) Granular Sub-Base Course.
- A83.** Refer to Q71 response.
- Q84.** On Section A, Drawing S107, 6 strands are identified as debonded by being shown within a triangle. However, the note below the Section title says that 10 strands are debonded for a distance of 2.0m from both ends. Can you please confirm the correct quantity of strands to debond in each double-box girder?
- A84.** 6 strands is the correct number that should be debonded.
- Q85.** On the cross-section drawing, from Station 87+480 to 87+640, a broken line is shown on the backslope. What does the broken line indicate?
- A85.** The broken line indicates rock material.
- Q86.** Bridge; Sheet Wall Drain - Please provide specifications / details.
- A86.** Sheet wall drain to be Nillex NuDrain DN50 or approved equivalent.
- Q87.** Catch Basins - Please provide bottom elevation.
- A87.** Refer to drawing C307 for standard catch basin depth.
- Q88.** Concrete Barrier Drains - Please indicate location and spacing / frequency.
- A88.** Concrete barrier drains (if required) shall be installed at locations as directed by the Departmental Representative.
- Q89.** Which tender item will be used to pay the contractor for excavation of material within the project limits to be utilized for crushing aggregates?
- A89.** Payment for the excavation of material from the roadway cuts and structure excavations for the production of granular aggregate within the project limits shall be made under **“Unit Price Item 4cii – Roadway and Drainage Excavation – Unsuitable / Surplus Material – Stockpile in 69 Pit”**.

B. Tender Package Revisions

1. Specifications:

Section 03 30 51 – CONCRETE FOR BRIDGE DECKS

- Remove:** Article 3.3.2.3 - Maintain burlap in place and keep thoroughly wet for seven days after placement.
- Insert:** 3.3.2.3 - Maintain burlap in place and keep thoroughly wet for 14 days after placement.
- Remove:** Article 2.2.1.3.6 - Special Requirements: Synthetic Fibres
- Remove:** Article 3.2.2.1 - Add fibres early in the mixing process following manufacturer's recommendations to ensure evenly distributed fibres.
- Insert:** Article 3.2.2.1 – Not required.

Section 31 24 13 – ROADWAY AND DRAINAGE EXCAVATION

- Remove:** Article 3.4.1 - General: Notify the Departmental Representative when waste materials are encountered and remove to depth and extent as approved by the Departmental Representative. This material shall be hauled and stockpile in Mannix Pit or placed on the sideslope outside the 2:1 slope at the discretion of the Departmental Representative.
- Insert:** Article 3.4.1 - General: Notify the Departmental Representative when waste materials are encountered and remove to depth and extent as approved by the Departmental Representative. This material shall be hauled to and stockpile at the designated pit locations.

Section 32 17 23 – PAVEMENT MARKINGS

- Remove:** Article 1.3.3 - Payment for final pavement gore and hatching markings as requested by the Departmental Representative will be made under “**Unit Price Item 10b – Pavement Markings - Gore and Hatch Marking**” and shall be measured in square metres of inlay thermoplastic paint accepted and will include all labour, equipment and material to satisfactorily complete this item of work.
- Insert:** Article 1.3.3 - Payment for final pavement gore and hatching markings as requested by the Departmental Representative will be made under “**Unit Price Item 10b – Pavement Markings - Gore and Hatch Marking**” and shall be measured in square metres of paint work accepted and will include all labour, equipment and material to satisfactorily complete this item of work.

2. Reference Documents:

- Remove:** Design Environmental Protection Plan – Yoho Trans-Canada Highway Twinning Km 82.5 to 88.3 - Golder July 2016
- Insert:** Design Environmental Protection Plan – Yoho Trans-Canada Highway Twinning Km 82.5 to 88.3 - Golder August 2016

All other terms and conditions remain unchanged.