



AMENDMENT / MODIFICATION

002

**RETURN BIDS TO:
RETOURNER LES SUBMISSION À :**

Parks Canada Agency Bid Receiving Unit
National Contracting Services
220 - 4 Avenue S.E., suite 720
Calgary, AB T2G 4X3

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.

Issuing Office - Bureau de distribution

Parks Canada Agency
National Contracting Services
220 - 4 Avenue S.E., suite 720
Calgary, AB T2G 4X3

Title-Sujet Lake Louise Water Infrastructure Upgrades – Banff National Park		
Solicitation No. - No. de l'invitation 5P420-18-0432/A		Date: December 27, 2018
GETS Reference No. – No de reference de SEAG PW-18-00854687		Amendment No. - N° de la modif. 002
Solicitation Closes:		
at – á 02:00 PM	on – le January 15, 2019	Time Zone - Fuseau horaire MST - HNR
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 : Jen Maheu jennifer.maheu@canada.ca		
Telephone No. - No de téléphone (587) 432-8458		Fax No. – No de FAX: (866) 246-6893
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 02

This amendment is being raised to make administrative corrections to Appendix 1 – Combined Price Form and to distribute information from the site visit.

A) APPENDIX 1 – COMBINED PRICE FORM**Section: UNIT PRICE TABLE**

Clarification: due to a page break on the combined price form, item E 1 Demolition is one line as shown below.

Updated:

E	PROJECT LOCATION 4 – VILLAGE ROAD SITE					
1	DEMOLITION Abandon/Remove Existing Utilities: Petro Canada Site Watermain	02 41 13	1	LS		

Bidders are instructed to make this change accordingly. If this is missed in the bidders bid, Canada will make this change on behalf of the bidder and use the unit price provided to obtain the correct total extended price.

B) SITE VISIT ATTENDEES

Vendor	Representative's Name
BECL	Sam Allen
Slimdor Contracting	Kieran Keyen
Bogdan's construction	Bogdan Bozidak
Alfresco Construction	S McAlleenan
Kelsey Pipelines Ltd	Terence Smith
Kidco Construction	Kassem Hammidi
Chandos	Devon L.
Everest	Lynn McRae
LBCO	Jamal Mustapha
Alpha Construction	Andrew Plumb
Xylem	Brad Derzaph
Pomerleau	Julius Galay
Blackie Site Works	Havey Lesue
North Star Contracting	Jacob Wiens

Contact information for the attendees are available upon request and approval from the vendors.

C) QUESTIONS AND ANSWERS

Q1: Can any material be disposed inside the National Park?

A1: Excess non-organic excavated material can be disposed at Pit 69 near the Lake Louise Overflow Campground. All organic materials shall be removed and disposed outside the National Park.

Q2: Is there a pay item in the Bid and Acceptance Form for Tree Clearing at Location 4?

A2: No, Refer to Contract Specification 10 27 00, Item 3.1.11.1.

Q3: What are the existing deep utility materials (Watermains/ Sanitary Sewers)?

A3: Unknown. Contractor to verify all existing utility materials during the construction to ensure all proposed couplings and fittings are suitable for use.

Q4: What are the proposed roadway repair structure specifications?

A4: For Location 4, for the required road structure is to conform to the requirements of the City of Calgary Major Road (<5 million ESAL's) Asphalt Pavement Structure as indicated on Figure 2 of the current edition of the City of Calgary, Standard Specifications for Road Construction (File 454.1005.009).

Q5: What are the work hour restrictions for the Lake Louise Inn (Location 2)?

A5: Refer to Contract Specification 01 11 00, Item 1.7.5.

Q6: What trenchless methodology is required to install the carrier pipe crossing at the TransCanada Highway?

A6: Guided Pipe Ramming as per Contract Specification 33 05 23.21.

Q7: Is fire watch required during the construction?

A7: Refer to Contract Specification 01 11 00, Item 1.5.3.

Q8: Confirm if the Bid and Acceptance Form matches the Measurement and Payment Clause for Environmental Protection Plan (EPP).

A8: The EPP, the Erosion and Sedimentation Management Plan and Measures for Project Location 4 and the Spill Response Plan and Measures for Project Location 4 will be paid for under Item No. A 3 of the Price Table.

Q9: What is the proposed waterline material type for the loop extension at the Harry's Hill Pump House?

A9: The material type is PVC DR 18.

Q10: Can an Inserta Tee be used in lieu of an Inserta Valve to construct the watermain extension loop (Location 3)?

A10: Contractor to provide bid price as per the design. Substitutions may be considered after contract award.

Q11: What is the maximum water supply interruption time during the Inserta Tee installation for the watermain extension loop (Location 3)?

A11: Refer to Drawing 3084-02-C- 131, Tie-in Sequence.

Q12: Please provide more information regarding the Settlement Monitoring during the carrier pipe installation at the Canadian Pacific Railway (CPR) Tracks.

A12: The purpose of the surface settlement monitoring points is to measure potential vertical movements of the train track. The monitoring points are to be installed in pairs at the base of the rails. A total of 18 surface settlement points along the CPR track are to be monitored. The intent of subsurface settlement points is to measure soil voids created just above the pipe during construction to help predict the potential movement of the track above. Two subsurface settlement points are to be installed to a depth of 1.0 m above the crown of the installation profile along the pipe alignment. The monitoring schedule is to be in accordance with CPR's Track Movement Monitoring Guidelines for Trenchless Pipe Installation (dated April 9, 2014). The system used for the described monitoring of the track is to have an accuracy of 2 mm.

A system that minimises entry to the track to reduce risk to personnel and to avoid the need to hire CPR flagging personnel is required.

For the Class 3 track at the site, it is recommended that the monitoring Warning and Critical Alarm Level thresholds be as follows:

Level 1: "WARNING" will be indicated on the daily report when the recorded movement is between +10 and +19 mm for heave and -10 mm and -19 mm for settlement at any of the (sub)surface settlement monitoring points. Casing pipe installation shall be stopped and will only be authorized to continue if no movement is measured for at least two (2) readings taken 12 hours apart.

Level 2: "CRITICAL" will be indicated on the daily report when the recorded movement exceeds +20 mm for heave and -20 mm for settlement at any of the (sub)surface settlement monitoring points. Casing pipe installation is to stop, and monitoring will be continued until no movement is recorded. Track levelling will be required to compensate for the settlement before the works can continue. If heave beyond +20 mm is detected during pipe ramming, the contractor shall stop driving the casing pipe and adjust his installation method before the casing is attempted to be advanced further.

Q13: Will CPR require watch personnel during the carrier pipe installation?

A13: If this is required, Parks Canada will make payment directly to CPR for reasonable costs incurred.

Q14: What is the minimum depth of bury for the proposed waterline?

A14: Waterline shall be installed as per the IFT Drawings. If field changes are required, the minimum depth of cover shall be 3.3 metres

Q15: Where do you obtain the embankment fill material for the Reservoir Access Road?

A15: The design intent is to balance to the existing roadway embankment material to construct the Reservoir Access Road.

Q16: Is sharing of prime contractor's responsibilities required?

A16: Provided the milestone dates indicated in the Tender Document are met, shared work spaces between Contractors will not be required.

All other terms and conditions remain unchanged.