



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

Parks Canada Agency Bid Receiving Unit
National Contracting Services

Bid Fax: 1-866-246-6893

Bid Email: soumissionsouest-bidswest@canada.ca

This is the only acceptable email address for responses to bid solicitation. Bids submitted by email directly to the Contracting Authority or to any other email address may not be accepted.

The maximum email file size is 25 megabytes. PCA is not responsible for any transmission errors. Emails with links to bid documents will not be accepted.

**REVISION 002 TO A
INVITATION TO TENDER**

**RÉVISION 002 À UNE
INVITATION À SOUMISSIONNER
DEMANDE D'OFFRES À
COMMANDES**

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Offer remain the same.

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

Issuing Office - Bureau de distribution :
Parks Canada Agency
Calgary, AB

Title - Sujet : Lake Louise Water Sewer System Upgrades – Banff National Park	
Solicitation No. - N° de l'invitation : 5P420-20-0149/A	Date : August 25, 2020
Amendment No. - N° de modification : 002	
Client Reference No. - N° de référence du client : 914	
GETS Reference No. N° de référence de SEAG : PW-20-00922864	

Solicitation Closes - L'invitation prend fin : At - à : 2:00 PM On - le : September 1, 2020	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 Enquiries to - Adresser toutes demande de renseignements à : Rebecca Chen		
Telephone No. - N° de telephone : (587) 439-3529	Fax No. -N° de télécopieur : (866) 246-6893	Email Address – Courriel : rebecca.chen2@canada.ca
Destination of Goods, Services, and Construction - Destination des biens, services, et construction : Banff National Park See Herein – Voir ici		

TO BE COMPLETED BY THE BIDDER - À REMPLIR PAR LE SOUMISSIONNAIRE

Vendor/ Firm Name - Nom du fournisseur/ de l'entrepreneur :	
Address - Adresse :	
Telephone No. - N° de telephone :	Fax No. - N° de télécopieur :
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	
Signature :	Date :

Amendment 002

This amendment is being raised to extend the solicitation deadline and to distribute questions and answers.

A. Bid Closing Date

The closing date for tender 5P420-20-0149/A is extended from August 27, 2020 to **September 1, 2020 at 2:00PM Mountain Daylight Time (MDT)**.

A. Question and Answer

Q26 Will parks be providing a dump site for topsoil or surplus clean fill disposal?

A26 Topsoil and clean fill may be hauled to a Parks Canada pit within the Banff National Park approximately 8km from Lake Louise townsite.

Q27 Roadworks quantities: Are the tender quantities intended to cover actual repair requirements as a result of install works or are they limited by a defined construction trench width? If so, please provide details of the allowable trench width.

A27 Estimated road repair quantities are based on defined excavation limits through trenchless works and assuming a safe slope is maintained for all open cut excavations.

Q28 Proposed location and install depth will not allow for even single lane access to Post hotel during utility install in the vicinity of the entrance. Can the consultant negotiate with Post Hotel as to a suitable alternate access arrangement and make this known to all contractors so that we may all base our bids on similar access accommodations?

A28 Please see A8 in amendment 001.

Q29 Please provide drawings showing existing water infrastructure (particularly showing: Control valves, looping details of water mains and hydrants for temp water supply) and the buildings that will require temporary water servicing.

A29 There are water loops providing service to Lake Louise Inn, Post Hotel and Harrys Hill. All known valves are shown on drawings. Building service must be verified by contractor.

Q30 Are there any other buildings that will need fire system accommodations while on temporary water service?

A30 All existing fire suppression systems (including but not limited to internal sprinklers, fire hydrants, etc.) are to be maintained during construction. If temporary servicing cannot accommodate existing fire suppression systems, work will need to be coordinated with the Lake Louise Fire Department via Parks Canada and fire watch be provided.

Q31 Can a cash allowance be added to cover any internal plumbing modifications that may be required to facilitate temporary water servicing?

A30 These costs will be paid under the prime cost sum.

Q32 Please provide details of the temporary water requirements for the Post Hotel during the renovation period. Will fire watch be required? Will the general contractor for the underground utilities project have any control over the issuance of hot work permits during the temp water period?

A32 Temporary water must be provided to the Post Hotel during any disruptions, including for fire suppression systems. If fire suppression systems are taken offline or cannot be accommodated by temporary servicing, the contractor shall establish a fire watch program following all relevant fire safety guidelines and shall be approved by Parks Canada. All permitting will remain with Parks Canada, coordination with the contractor shall be as required.

Q33 Please provide details of sanitary flow rates for the various sections of sanitary line that will require bypass.

A33 Water consumption data for properties upstream of the Bow River crossing were provided in Amendment 001. Sanitary flow rates are unknown.

Q34 Proposed water install along Slate road will now allow for access to residences during the construction period. Have alternate access measures been discussed/considered? If so, please share.

A34 Single lane traffic is to be maintained. Alternative construction methodologies including but not limited to trenchless installation will be considered by Parks Canada after award.

Q35 Point 0.8 in Section 01 14 00 Work restrictions indicates that trenches must be barricaded/blocked off at the end of the work day. Point 10 indicates that 24hour flagging must be provided where roads are not reopened- does this apply to the sections barricaded off or is it only in relation to road sections where no lane of traffic can pass?

A35 24 hour flagging is required in locations where 2-way traffic cannot be maintained both during and after the working day.

Q36 Will temporary gravel surfaces be acceptable as surface rehabs at Lake Louise Inn and Post Hotel install locations if weather does not allow for asphalt rehab in 2020? What ongoing surface maintenance would the general contractor have to provide to the temporary surfaces during the winter season?

A36 Addressed in amendment 001. Surface maintenance shall include but not be limited to supplying and adding crush, dust control, delineators and signage, and all other works required to maintain a safe drivable surface.

Q37 Section 33 05 23B notes that pre-installation CCTV is required for pipe bursting. Can the pre-installation portion be completed while the main is live or will the contractor be required to carry bypass pumping for this?

A37 Sanitary pipe may be live for pre-installation CCTV inspection provided enough detail for a successful installation can be obtained.

Q38 Can it be confirmed that CCTV inspection is not required before or after on water mains being pipe bursted.

A38 Confirmed.

Q39 If existing ground conditions around the pipe being bursted does not allow for bursting (a boulder is restricting displacement for example), would excavation and incidental surface restoration to repair this be negotiated as an extra to the contract?

A39 Yes.

Q40 If a sag occurs in the gravity sanitary sewers being pipe bursted due to existing ground conditions and minimal slope on the pipe, would excavation and incidental surface restoration to repair this be negotiated as an extra to the contract?

A40 Yes.

Q41 Are the sizes and pipe type known for the water and sewer services being reconnected for the Lake Louise Inn or Post Hotel?

A41 Water and sanitary service sizing is unknown and are to be confirmed by the contractor during construction. Bidders may assume that water services for both the Lake Louise Inn and the Post Hotel does not exceed 150mm and that the sanitary services do not exceed 200mm.

Q42 Can it be confirmed that all pipe bursting (sanitary and water) is to be completed with HDPE DR11?

A42 Confirmed. HDPE water main pipe to conform to AWWA C906-99 standard and shall be specification PE 4710 with a DR-11 and working pressure rating of 160 psi per the tender drawings.

Q43 Is there any information available on the line to be CIPP'd (most recent CCTV, age, etc.)?

A43 All information available is provided in amendment 001. Most recent CCTV has been provided.

Q44 Is there any previous design information of the parshall flume structure to be removed?

A44 See amendment 001.

Q45 Can it be assumed that all water connections can be isolated using existing valves and that hot taps are not required?

A45. Yes.

Q46 Can a pay item be added for concrete restoration other than just curb and gutter? It appears there will be monowalk/sidewalk restoration required as well.

A46 See amendment 001.

Q47 Water connection on Drawing C307, approximate station 2+785. This would appear to be into the shoulder of Hwy #1. Will there be any special requirements to be undertaken to complete this connection? And what is the structure of the roadway that we will be required to restore the roadway. Will this restoration be incidental to the tie in connection?

A47 Contractors to utilize construction methodologies which enables the work to be completed within and not past the shoulder of the Trans Canada Highway(TCH) and require the least amount of roadway rehabilitation. Should the road surface and underlying granular structure of the TCH become undermined, adequate rehabilitation shall be required to return the damaged pavement to existing or better condition and shall be incidental to the work. This includes but is not limited to supply and install of an approve asphalt surface, granular base, sub-base, subsurface preparation, and any associated works to rebuild the road including compaction and surface tests. For information, the existing road structure of the highway is as follows: 300mm - SGSB, 275mm - 50mm GSBC, 150mm - 25mm GBC, 230mm - Asphalt.

Q48 Tender Item C.16, states that MH S201 is to be replaced, whereas Drawing C209 indicates that MH S201 is to remain. Please advise.

A48 MH S201 is to be replaced. IFC drawings to reflect change. Bidders are encouraged to inspect the Manhole to review conditions.

Q49 Drawing C305, approximate station 2+000, indication on drawing is that there is a 200mm insert-a-valve on the east side of tee. States that we are to connect to the tee, would connecting to the insert-a-valve suffice?

A49 Yes. Connecting to the insert-a-valve is allowable.

ALL OTHER TERMS & CONDITIONS REMAIN UNCHANGED