



RETURN BIDS TO:

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National Contracting Services

Bid Fax: 1-877-558-2349

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

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REVISION 004 TO AN INVITATION TO TENDER

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

Issuing Office:

Parks Canada Agency
National Contracting Services
Gatineau, QC

Title: Rehabilitation of Spillway 2, Canal Lachine National Historic Site	
Solicitation No.: 5P201-20-0086/A	Date: January 8, 2021
Amendment No.: 004	
Client Reference No.: 1452	
GETS Reference No.: PW-20-00930900	

Solicitation Closes: At: 2:00PM On: <u>January 14, 2021</u>	Time Zone: EST/HNE
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F.O.B.: Plant: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other: <input type="checkbox"/>	
Address Enquiries to: Christine Piché	
Telephone No.: 873-355-8841	Fax No.: 1-877-558-2349
Email Address: Christine.piche2@canada.ca	
Destination of Goods, Services, and Construction: See Herein	

TO BE COMPLETED BY THE BIDDER

Vendor/ Firm Name:	
Address:	
Telephone No.:	Fax No.:
Name of person authorized to sign on behalf of the Vendor/ Firm (type or print):	
Signature:	Date:

Solicitation No.:
5P201-20-0086/A

Amendment No.:
004

Contracting Authority:
Christine Piché

Client Reference No.:
1452

Title:
Rehabilitation of Spillway 2, Canal Lachine National Historic Site

Amendment 004

The following is hereby amended:

- A. Answer questions from bidders;
- B. Addition of Solicitation Attachment document.

A. QUESTIONS AND ANSWERS

- Q1.** There is no item in the bill of prices for these gauges. Could you specify in which item of the bill that we should include this cost and could you also specify the number of indicators required for the project.
- A1.** **Include the cost of these gauges in item 2.12. With regards to the number of indicators, the Contractor will propose the number and the position of the uplift indicators, as well as the final number and pattern of drill holes according to the site conditions. The Sub-Contractor and the injection supervisor must have a minimum of 5 years of experience in soil injection. The quantity indicated on the plans is for general guidance purposes only.**
- Q2.** In article 3.1.2 of this section, it is also noted that the precision must be +/- 0.1 mm ... that's 1/10 of a mm ! This precision for soil compaction is not realistic. Could you reevaluate this value or would it be possible to simply install compaction/uplift plates which the measurements could be taken with surveying equipment.
- A2.** **The accuracy of 0.1 mm relates to the calibration of the instrument. On site, the work must be done under the supervision of a supervisor with at least five years experience as specified in article 1.5.1.1 of clause 03 60 00 and capable of recognizing any deformation of the ground if applicable.**
- Q3.** With regards to the uplift gauges, is there just 1 to install or is it necessary to install one at each hole in the overburden, that would result in a quantity of 5 given that there are 5 drilled holes planned in the overburden?
- A3.** **The Contractor will propose the number and the position of the uplift indicators, as well as the final number and pattern of drill holes according to the site conditions. The Sub-Contractor and the injection supervisor must have a minimum of 5 years of experience in soil injection. The quantity indicated on the plans is for general guidance purposes only.**
- Q4.** The proposed product for the soil injection is King RPL-2 grout or approved equivalent. It so happens that this product is a mortar containing sand which the gradation prevents us from using conventional grout pumps and which according to us would not be the ideal product for the injection work... would it be possible to review the soil injection product?
- A4.** **The Contractor is to propose an equivalent grout for the soil injection with a minimal resistance of 2.0 MPa. Transmit the product's technical data sheet including its composition and application method.**
- Q5.** The specification also mentions that a piston pump equipped with a recording device that measures the piston strokes must be used for the injection, if another type of grout is accepted and it can be injected with progressive cavity pumps, can we use this type of pump to inject the grout in the soil?

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- A5.** The Contractor shall propose an equipment that is compatible with the proposed grout in order to have the final results required. The pump must be equipped with a suitable automatic recording device to control the injection works.
- Q6.** In reference to question/answer No.6 of Addendum #2, would it be possible to transmit the plans of the existing so that we can evaluate the associated costs?
- A6.** Refer to document uploaded on January 8, 2021

B. UPDATES TO SOLICITATION ATTACHMENT DOCUMENTS

ADDING DOCUMENT

Please refer to the document uploaded on January 8, 2021

GC-920-02-200-42-01

GC-920-02-200-46-06

GC-920-02-200-47-01

ALL OTHER TERMS & CONDITIONS REMAIN UNCHANGED