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REVISION 002 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: Repairs of the Gauron and Lafleur Bridges, Lachine Canal National Historic Site	
Solicitation No.: 5P201-20-0117/A	Date: February 17, 2021
Amendment No.: 002	
Client Reference No.: 1524	
GETS Reference No.: PW-21-00942372	

Solicitation Closes: At: 2:00PM On: February 24, 2021	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:

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Contracting Authority:
Christine Piché

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Title:
Repairs of the Gauron and Lafleur Bridges, Lachine Canal National Historic Site

Amendment 002

The following is hereby amended:

- A. Extend the solicitation closing date;
- B. Answer questions from bidders;
- C. Updates to the Solicitation Document;
- D. Updates to the Solicitation Attachment documents

A. SOLICITATION CLOSING DATE

The closing date for solicitation 5P201-20-0117/A, titled "Repairs of the Gauron and Lafleur Bridges, Lachine Canal National Historic Site", is extended from February 18, 2021 at 2:00 PM until **February 24, 2021 at 2:00PM.**

If you have already submitted your bid, you are invited to send us your revisions, where necessary, by email, to pc.soumissionsest-bidseast.pc@canada.ca. Please indicate the solicitation number on all correspondence.

B. QUESTIONS AND ANSWERS

- Q1. What is the consequence if a Contractor does not comply with what they have announced in the IBP? In the Invitation to Tender document.
- A1. Non-compliance of any guarantees will be assessed in accordance with Part D – Indigenous Benefits Plan non-compliance conditions of Appendix 3 – Indigenous Benefits Plan of the
- Q2. In the event of a government-mandated shutdown of the construction sector due to COVID-19, does the client undertake to pay the costs inherent in maintaining the construction site (signage, installation, etc.) as other clients do?
- A2. The offer must include provisions for the additional direct costs associated with COVID-19.
- Q3. Article 1.7 of the "Lanes closing" section of the specifications mentions that full-night closures may take place during the week. Plans 41/45 and 21/23 mention the weekend only. Is it possible to be fully closed on weeknights?
- A3. It is possible to close during the week as stipulated in article 1.7 of section 01353-3 of the specifications. Night-time closing hours are specified in articles 1.7.4 and 1.7.7, still in section 01353-3 of the specifications. Plans 45/45 and 23/23 illustrate the detours for complete short term closures at night on bridges. Payment for complete short-term closures are provided in items 5.3 and 5.4 of the bid form.
- Q4. Article 1.7 of the "Lanes closing" section of the specifications specifies that 5 full weekend closures are possible. Should it be entered 5 units in article 5.7 of the bid form?
- A4. Item 5.7 of the bid form should actually have 5 units. See the corrected bid form attached.
- Q5. The location plans show a mobilization zone towards the Acier Century field. On the site, a fence demarcates its land to the water's edge with a notice to this effect. So we understand that there is already a negotiated agreement with Park Canada for the use of this land free of charge?
- A5. The land identified as a mobilization zone on the location plans between Acier Century and the canal belongs to Parks Canada. There is no cost to plan for the use of this mobilization area.
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C. AMENDMENT TO INVITATION TO TENDER DOCUMENT

APPENDIX 1 – COMBINED PRICE FORM is **REPLACE** in its entirety **WITH APPENDIX 1 – COMBINED PRICE FORM Revision No. 01** attached.

The change is indicated in red.

D. AMENDMENT TO SOLICITATION ATTACHMENT DOCUMENTS

Please refer to the document uploaded on February 17, 2021.

02 ADDEDUM-02-CLAC1524

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APPENDIX 1 - COMBINED PRICE FORM Revision No. 01

- 1) The prices per unit will 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.

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.

LUMP SUM

The Lump Sum Amount designates Work to which a Lump Sum Arrangement applies.

- (a) Work included in the Lump Sum Amount represents all work not included in the unit price table.

UNIT PRICE TABLE

The Unit Price Table designates Work to which a Unit Price Arrangement applies.

- (a) Work included in each item is as described in the referenced specification section.
- (b) The Price per Unit shall not include any amounts for Work that is not included in that unit price Item.

N°	Description of work	Unit	Quantity	Unit cost	TOTAL AMOUNT (excluding applicable taxes)
1.	SITE OFFICE, ENVIRONNEMENT AND GENERAL ITEMS				
1.1	Construction Facilities	Lump Sum	1	n/a	\$
1.2	Environmental Protection Neasures	Lump Sum	1	n/a	\$
1.3	Cleaning of Surfaces on Work Site (droppings)	Lump Sum	1	n/a	\$
1.4	Platforms and Access System			1	
1.4.1	Access Structures for Gauron Bridge (7)	Lump Sum	1	n/a	\$
1.4.2	Platforms and Temporary Access Structures for Wall Between Southern Abutments and South Abutment Foundations of Gauron Bridge (7)	Lump Sum	1	n/a	\$
1.4.3	Platforms and Temporary Access Structures for Gauron Bridge (7) North Abutment Fondation	Lump Sum	1	n/a	\$

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N°	Description of work	Unit	Quantity	Unit cost	TOTAL AMOUNT (excluding applicable taxes)
1.4.4	Supply, Installation, Maintenance and Dismantling of Protection System for Work on Counterweight Structure of Lafleur Bridge (7A)	Lump Sum	1	n/a	\$
1.5	Containment Enclosure for Gauron Bridge (7)	Lump Sum	1	n/a	\$
1.6	Traffic management by police services	Provision	n/a	n/a	\$160,000.00
SUB-TOTAL ITEM 1 (Excluding applicable taxes)					\$
2.	GAURON BRIDGE (N°7)				
2.1	Work on North Abutment				
2.1.1	North Abutment Foundation with Oversize Repair	m ²	16	\$	\$
2.1.2	Galvanized Welded Wire Mesh 51x51 MW9,1xMW9,1	m ²	16	\$	\$
2.1.3	Injection Placed Type XIV-R Concrete	m ³	3	\$	\$
2.1.4	Reparation of Cracks by Injection	m	1	\$	\$
2.2	Work on South Abutment				
2.2.1	South Abutment Backwall Repair	m ²	25	\$	\$
2.2.2	Galvanized Reinforcing	kg	262	\$	\$
2.2.3	Cast-in-place Type V-S Concrete (Backwall)	m ³	4	\$	\$
2.2.4	South Abutment Foundation with Oversize Repair	m ²	24	\$	\$
2.2.5	Galvanized Welded Wire Mesh 51x51 MW9,1xMW9,1	m ²	24	\$	\$
2.2.6	Injection Placed Type XIV-R Concrete	m ³	5	\$	\$
2.2.7	Borrow Material MG-112	t	6	\$	\$

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N°	Description of work	Unit	Quantity	Unit cost	TOTAL AMOUNT (excluding applicable taxes)
2.2.8	Wall Concrete Repair	m ²	5	\$	\$
2.2.9	Galvanized Welded Wire Mesh 51x51 MW9,1xMW9,1	m ²	5	\$	\$
2.2.10	Cast-in-place Type XIV-R Concrete (wall)	m ³	1	\$	\$
2.3	Deck Joints Replacement			\$	\$
2.3.1	Replacement of North Abutment Joint with a Single Elastomeric Seal Joint with Gutter	m	10	\$	\$
2.3.2	Borrow Material MG-20	t	11	\$	\$
2.3.3	Replacement of South Abutment Joint with a Single Elastomeric Seal Joint with Gutter	m	10	\$	\$
2.4	Cleaning of Access shafts	Lump Sum	1	n/a	\$
2.5	Cleaning and Painting - South Abutment Bearing on Site	Lump Sum	1	n/a	\$
2.6	Steel Structure Reinforcement				
2.6.1	Reinforcement Diagonal 0-1 (South Side) - Truss P1 and P2	Unit	2	\$	\$
2.6.2	Reinforcement Assembly 0 - Truss P1	Unit	1	\$	\$
2.6.3	Reinforcement Assembly 2 - Truss P1	Unit	1	\$	\$
2.6.4	Reinforcement Assembly 4 - Truss P1	Unit	1	\$	\$
2.6.5	Reinforcement Assembly 6 - Truss P1	Unit	1	\$	\$
2.6.6	Reinforcement Assembly 8 - Truss P1	Unit	1	\$	\$
2.6.7	Reinforcement Assembly 10 - Truss P1	Unit	1	\$	\$
2.6.8	Reinforcement Assembly 12 - Truss P1	Unit	1	\$	\$
2.6.9	Reinforcement Assembly 14 - Truss P1	Unit	1	\$	\$
2.6.10	Reinforcement Assembly 0 - Truss P2	Unit	1	\$	\$
2.6.11	Reinforcement Assembly 2 - Truss P2	Unit	1	\$	\$

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N°	Description of work	Unit	Quantity	Unit cost	TOTAL AMOUNT (excluding applicable taxes)
2.6.12	Reinforcement Assembly 4 - Truss P2	Unit	1	\$	\$
2.6.13	Reinforcement Assembly 6 - Truss P2	Unit	1	\$	\$
2.6.14	Reinforcement Assembly 8 - Truss P2	Unit	1	\$	\$
2.6.15	Reinforcement Assembly 10 - Truss P2	Unit	1	\$	\$
2.6.16	Reinforcement Assembly 12 - Truss P2	Unit	1	\$	\$
2.6.17	Reinforcement Assembly 14 - Truss P2	Unit	1	\$	\$
2.6.18	Reinforcement Assembly 16 - Truss P2	Unit	1	\$	\$
2.6.19	Supply and Installation of Batten Plates / Laces	Unit	10	\$	\$
2.6.20	Cleaning and Painting - Steel Surfaces On Site	Lump Sum	1	n/a	\$
2.7	Replacement of Rolling Surface - Bridge and Approach Tunnel				
2.7.1	Stripping Bridge and Approach Tunnel Slabs	m ²	420	\$	\$
2.7.2	Surface Repairs of Slab (<100 mm)	m ²	130	\$	\$
2.7.3	Deep Repairs of Slab (>100 mm)	m ²	50	\$	\$
2.7.4	Galvanized Reinforcing	kg	50	\$	\$
2.7.5	Cleaning of Deck Surfaces	m ²	420	\$	\$
2.7.6	Correction of Deck Surfaces	m ²	420	\$	\$
2.7.7	Placement of Waterproofing Membrane	m ²	420	\$	\$
2.7.8	Placement of Bituminous Mix	m ²	420	\$	\$
2.7.9	Surface Concrete Repairs of Sidewalk	m ²	50	\$	\$
2.8	Replacement of Rolling Surface - Approach				

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N°	Description of work	Unit	Quantity	Unit cost	TOTAL AMOUNT (excluding applicable taxes)
2.8.1	Removal of Bituminous Pavement	m ²	270	\$	\$
2.8.2	Removal of W-Beam Guide Rail Profile on Wooden Posts at North Approach	m	27	\$	\$
2.8.3	Supply and Installation of New W-Beam Guide Rail on Wooden Posts at North Approach	m	27	\$	\$
2.8.4	Removal of W-Beam Guide Rail at South Approach	m	12	\$	\$
2.8.5	Supply and Installation of W-Beam Guide Rail at South Approach	m	12	\$	\$
2.8.6	Replacement of Guardrail Post Anchorages	Unit	2	\$	\$
2.8.7	Placement of Bituminous Mix	m ²	270	\$	\$
2.9	Work on Counterweight System				
2.9.1	Removal of Loose Concrete from Surfaces	m ²	564	\$	\$
2.9.2	Without Oversize Concrete Repair of Counterweights	m ²	85	\$	\$
2.9.3	Galvanized Welded Wire Mesh 51x51 MW9,1xMW9,1	m ²	85	\$	\$
2.9.4	Counterweight Concrete Waterproofing	m ²	564	\$	\$
2.9.5	Partial Dismantling of Catwalk and Railings of Counterweight Structure	Lump Sum	1	n\ a	\$
2.9.6	Counterweights Plywood Replacement	m ²	58	\$	\$
2.10	Supply and Installation of Height Limitation Signs	m ²	2	\$	\$
2.11	Permanent marking of roadway	m	100	\$	\$
2.12	Acces pit cover plate replacement	Lump Sum	1	n\ a	\$

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N°	Description of work	Unit	Quantity	Unit cost	TOTAL AMOUNT (excluding applicable taxes)
SUB-TOTAL ITEM 2 (Excluding applicable taxes)					\$
3	LAFLEUR BRIDGE (N°7A)				
3.1	Repair Work on Wall Between Southern Abutments				
3.1.1	Without Oversize Concrete Repair of Wall	m ²	20	\$	\$
3.1.2	Galvanized Welded Wire Mesh 51x51 MW9,1xMW9,1	m ²	20	\$	\$
3.1.3	Supply and Installation of Rung	Unit	4	\$	\$
3.2	Work at Deck Joints				
3.2.1	Replacement of South Abutment Joint with a Single Elastomeric Seal Joint with Gutter	m	9.5	\$	\$
3.2.2	Replacement of Deck Joint Seal at Pier	m	9.5	\$	\$
3.2.3	Replacement of Deck Joint Seal at North Abutment	m	9.5	\$	\$
3.3	Replacement of Rolling Surface - Span 1				
3.3.1	Removal of Bituminous Pavement	m ²	90	\$	\$
3.3.2	Surface Repairs of Slab (<100 mm)	m ²	14	\$	\$
3.3.3	Deep Repairs of Slab (>100 mm)	m ²	5	\$	\$
3.3.4	Installation of a Rolling Screed	m ²	90	\$	\$
3.4	Replacement of Rolling Surface - South Approach				
3.4.1	Removal of Bituminous Pavement	m ²	105	\$	\$
3.4.2	Removal of Galvanized W-Beam Guide Rail	m	12	\$	\$

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N°	Description of work	Unit	Quantity	Unit cost	TOTAL AMOUNT (excluding applicable taxes)
3.4.3	Demolition of Curb at Southeast Approach	m	9	\$	\$
3.4.4	Surface Repairs of Tunnel Slab (<100 mm)	m ²	6	\$	\$
3.4.5	Deep Repairs of Tunnel Slab (>100 mm)	m ²	2	\$	\$
3.4.6	Reconstruction of Curb at Southeast Approach	m	9	\$	\$
3.4.7	Supply and Installation of New Galvanized W-Beam Guide Rail	m	9	\$	\$
3.4.8	Replacement of Steel Guardrail at Southeast Approach	m	6	\$	\$
3.4.9	Installation of a Rolling Screed	m ²	33	\$	\$
3.4.10	Placement of Bituminous Mix	m ²	70	\$	\$
3.5	Work on Counterweight Structure				
3.5.1	Removal of Loose Concrete from Surfaces	m ²	115	\$	\$
3.5.3	Counterweight Concrete Waterproofing	m ²	115	\$	\$
3.5.3	Without Oversize Concrete Repair of Counterweight	m ²	5	\$	\$
3.5.4	Galvanized Welded Wire Mesh 51x51 MW9,1xMW9,1	m ²	5	\$	\$
3.6	Manhole to be Cleaned	Unit	1	\$	\$
3.7	Permanent marking of roadway	m	100	\$	\$
SUB-TOTAL ITEM 3 (Excluding applicable taxes)					\$
4	WINTER CONDITIONS				
4.1	Cold Weather Concreting				
4.1.1	Temporary Shelter and Heating Included for Concrete Work	m ²	50	\$	\$
4.1.2	Insulation (RSI 0.40 per layer)	m ²	50	\$	\$

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N°	Description of work	Unit	Quantity	Unit cost	TOTAL AMOUNT (excluding applicable taxes)
4.1.3	Heating of Concrete Constituents or Masonry Mortar	m³	20	\$	\$
4.1.4	Additional Heating	Provision	n/a	n/a	\$2,000.00
4.2	Cold Weather Painting				
4.2.1	Heating of Containment Enclosure	Provision	n/a	n/a	\$5,000.00
SUB-TOTAL ITEM 4 (Excluding applicable taxes)					\$
5	TRAFFIC MAINTENANCE AND TEMPORARY SIGNAGE				
5.1	Partial Closure of Lafleur Bridge (one lane out of two) - Short Term	Unit	2	\$	\$
5.2	Partial Closure of Gauron Bridge (one lane out of two) - Short Term	Unit	2	\$	\$
5.3	Complete Closure of Lafleur Bridge - Short Term	Unit	6	\$	\$
5.4	Complete Closure of Gauron Bridge - Short Term	Unit	30	\$	\$
5.5	Maintaining Partial Closure of Lafleur Bridge (one lane out of two) - Long Term	Day	42	\$	\$
5.6	Maintaining Partial Closure of Gauron Bridge (one lane out of two) - Long Term	Day	196	\$	\$
5.7	Complete Weekend Closure of Gauron Bridge - Contra-Flow Circulation on Lafleur Bridge	Unit	5	\$	\$
5.8	Complete Weekend Closure of Lafleur Bridge - Contra-Flow Circulation on Gauron Bridge	Unit	3	\$	\$
5.9	Supply of Front-End Restraint System (impact attenuator) TL-2 Type	Unit	2	\$	\$
5.10	Displacement of a Front-End Restraint System (impact attenuator) TL-2 Type for Work Site	Unit	2	\$	\$

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N°	Description of work	Unit	Quantity	Unit cost	TOTAL AMOUNT (excluding applicable taxes)
5.11	Maintenance of Front-End Restraint System (impact attenuator) TL-2 Type	Week	34	\$	\$
5.12	Replacement of a Front-End Restraint System (impact attenuator) TL-2 Type for Work Site	Unit	1	\$	\$
5.13	Rental of Concrete Traffic Barriers for Construction Site	Linear meter	100	\$	\$
5.14	Displacement of Concrete traffic Barriers for Construction Site	Linear meter	200	\$	\$
5.15	Maintenance of Concrete Traffic Barriers for Construction Sites	Linear meter	24,000	\$	\$
5.16	Special Signs	m ²	100	\$	\$
5.17	Securing Cycling and Pedestrian Link During Partial Closures or complete closure of Lafleur Bridge	Day	30	\$	\$
5.18	Variable Message Signs	Day	30	\$	\$
5.19	Variable Message Signs	Week	40	\$	\$
5.20	Variable Message Signs	Month	6	\$	\$
5.21	Partial Closure of Lafleur Bridge (one lane out of two) - Short Term – Request of Government Representative	Unit	5	\$	\$
5.22	Partial Closure of Gauron Bridge (one lane out of two) - Short Term – Request of Government Representative	Unit	5	\$	\$
5.23	Complete Closure of Gauron Bridge – Short Term – Request of Government Representative	Unit	5	\$	\$
5.24	Complete Closure of Lafleur Bridge – Short Term – Request of Government Representative	Unit	5	\$	\$
5.25	Complete Weekend Closure of Lafleur Bridge – Contra Flow Circulation on Gauron Bridge – Short Term – Request of Government Representative	Unit	1	\$	\$

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N°	Description of work	Unit	Quantity	Unit cost	TOTAL AMOUNT (excluding applicable taxes)
5.26	Complete Weekend Closure of Gauron Bridge – Contra-Flow on Lafleur Bridge – Short Term – Request of Government Representative	Unit	1	\$	\$
SUB-TOTAL ITEM 5 (Excluding applicable taxes)					\$
6	ELECTRICITY				
6.1	Work on Gauron Bridge (N°7)				
6.1.1	Type A Fighting Fixture	Unit	4	\$	\$
6.1.2	Type B Lighting Fixture	Unit	2	\$	\$
6.1.3	Modification to the Duct and Wiring Network	Lump Sum	1	n\a	\$
6.1.4	Demolition	Lump Sum	1	n\a	\$
6.2	Work on Lafleur Bridge (N°7A)				
6.2.1	Type C Lamp Post	Unit	2	\$	\$
6.2.2	Type D Lighting Fixture	Unit	1	\$	\$
6.2.3	Type E Lighting Fixture	Unit	2	\$	\$
6.2.4	Type F Lighting Fixture	Unit	1	\$	\$
6.2.5	Modification to the Duct and Wiring Network	Lump Sum	1	n\a	\$
6.2.6	Temporary Lighting	Lump Sum	1	n\a	\$
6.2.7	Power and Lighting Control Cabinet	Lump Sum	1	n\a	\$
6.2.8	Demolition	Lump Sum	1	n\a	\$
SUB-TOTAL ITEM 6 (Excluding applicable taxes)					\$

TOTAL BID AMOUNT (Item 1 to 6) Excluding applicable taxes	\$
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ALL OTHER TERMS & CONDITIONS REMAIN UNCHANGED