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## REVISION 001 TO A INVITATION TO TENDER

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  
National Contracting Services  
Gatineau, Qc

<b>Title - Sujet :</b> Fort Henry Masonry Redoubt Recapitalization, Fort Henry National Historic Site		
<b>Solicitation No. - N° de l'invitation :</b> 5P468-22-0135/A	<b>Date :</b> October 24, 2022	
<b>Amendment No. - N° de modification :</b> 001		
<b>Client Reference No. - N° de référence du client :</b> 2261		
<b>GETS Reference No.   N° de référence de SEAG :</b> PW-20-01006999		
<b>Solicitation Closes - L'invitation prend fin :</b> <b>At - à :</b> 2:00 PM <b>On - le :</b> November 10, 2022		<b>Time Zone - Fuseau horaire</b> EST - HNE
<b>F.O.B. - F.A.B. :</b> <b>Plant - Usine :</b> <input type="checkbox"/> <b>Destination :</b> <input checked="" type="checkbox"/> <b>Other - Autre :</b> <input type="checkbox"/>		
<b>Address Enquiries to - Adresser toutes demande de renseignements à :</b> Christine Piché		
<b>Telephone No. - N° de telephone :</b> 873-355-8841	<b>Fax No. -N° de télécopieur :</b> 1-855-983-1808	<b>Email Address - Courriel :</b> <a href="mailto:Christine.piche@pc.gc.ca">Christine.piche@pc.gc.ca</a>
<b>Destination of Goods, Services, and Construction - Destination des biens, services, et construction :</b> See Herein		
<b>TO BE COMPLETED BY THE BIDDER - À REMPLIR PAR LE SOUMISSIONNAIRE</b>		
<b>Vendor/ Firm Name - Nom du fournisseur/ de l'entrepreneur :</b>		
<b>Address - Adresse :</b>		
<b>Telephone No. - N° de telephone :</b>	<b>Fax No. - N° de télécopieur :</b>	
<b>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</b>		
<b>Signature :</b>	<b>Date :</b>	

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Amd. No. - N° de la modif. :  
001

Contracting Authority - Autorité contractante :  
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## AMENDMENT 001

This amendment is raised to:

- A) Extend the solicitation closing date;
- B) Answer questions from bidders;
- C) Provide information following the Optional Site Visit of October 18, 2022
- D) Amendment to the tender document;
- E) Addition of a Solicitation Attachment document.

### A. SOLICITATION CLOSING DATE

The closing date for solicitation 5P468-22-0135/A, titled "Fort Henry Masonry Redoubt Recapitalization, Fort Henry National Historic Site", is extended from October 27, 2022 at 2:00 PM until **November 10, 2022 at 2:00PM.**

If you have already submitted your bid, you are invited to send us your revisions, where necessary, by email, to [soumissionsami-bidsrpc@pc.gc.ca](mailto:soumissionsami-bidsrpc@pc.gc.ca). Please indicate the solicitation number on all correspondence.

### B. QUESTIONS AND ANSWERS

Q1. Refer to tender form item 2, "Demolition: Include any and all component dismantling and removal from area of Work." Is Please advise what demolition work should be included here?

**A1. Refer to the tender documents for scope of work.**

Q2. Refer to tender form item 9, "Supply and install grouted anchors as noted on drawings.". Is this only for stone columns as per S402?

**A2. Refer to the Exterior Elevations installation of the grouted anchors. Anchors are to be installed at the two corners (Grid D & Grid A) of the Redoubt only.**

Q3. Refer to tender form unit price item 1, "Concrete sill repairs. Assume average size of repair is 600x200x100 deep. Refer to 10/S502." This work is not accurate measured by current unit (m3). Could you change the unit to each location?

**A3. Refer to revised Appendix 1 issued with Addendum #1.**

Q4. Refer to tender form unit price item 4, 5, 6 & 7, Dutchman repair is not accurate measured by current unit (m3). Could you change the unit to each location?

**A4. Refer to revised Appendix 1 issued with Addendum #1.**

Q5. Refer to tender form unit price item 16 & 17, Please confirm that we are assume the stone depth is 500mm?

**A5. Refer to revised Appendix 1 issued with Addendum #1.**

Q6. Refer to tender form unit price item 17, "New Stone with carved Element: Remove and replace with new stone unit. Including all required consolidation, collar joints, bedding mortar and pointing

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and markers. Assume stone depth of 500mm." Please advise and provide detail for what is the carve requirement for stones.

- A6. Refer to revised Appendix 1 issued with Addendum #1. The carved element is the scupper.
- Q7. Our window supplier ask is the new window to be true divided lite or simulated divided lite? They look the same but TDL costs much more than SDL.
- A7. All single glazing with real muntin bars.
- Q8. Refer to tender form unit price item 27, b," Supply and install new sashes, c/w glazing, related hardware and accessories." Please confirm the loop hole cover has glazing on that?
- A8. Yes the loop hole cover has glazing, as shown on the drawings.
- Q9. Please provide specification for loop hole covers and hardware.
- A9. Adequate specifications are provided. Reference the tender drawings and specifications.

#### C. INFORMATION SITE VISIT

1. Attendees:

NAME	COMPANY
Rob Watt	RJW Stonemasons
Bryan Nowry	Upper Canada Stone House Group
Stan Keys	LW Bray
Igor Danilov	Limen Group
Khalid Abouseta	Atwill-Morin
Qiaodan Wang	Clifford Restauration
Antonio Rojas	Roof Tile Management
James Robertson	Robertson Restauration
Kumar Mayani	Heritage Grade
Matt Morey	Morey Construction

#### D. AMENDMENT TO THE TENDER DOCUMENT

REPLACE APPENDIX 1 – COMBINED PRICE FORM in its entirety WITH APPENDIX 1 – COMBINED PRICE FORM Revision No. 01 attached. Changes are in red.

#### E. ADDITION OF A SOLICITATION ATTACHEMENT DOCUMENT

Refer to documents below uploaded on October 24, 2022:

- S402 + 1 + ADD1 + MASONRY REPAIR SECTIONS
- 315071 HBMA FortHenry 1FortHenryDr ParksCanada Oct182022

**ALL OTHER TERMS & CONDITIONS REMAIN UNCHANGED**

**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.

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.

Item No.	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Extended amount applicable tax(s) extra
1	01 10 00	Mobilization: Includes any and all components set-up to facilitate the Work, including Bonds, but excluding scaffolding.	Lump Sum	\$
2	01 10 00	Demolition: Include any and all component dismantling and removal from area of Work.	Lump Sum	\$
3	01 10 00	All other items not identified in the bid form but are specified, indicated or implied in the Contract Documents and/or are required to complete the job in its entirety including the cost of all permits and other fees.	Lump Sum	\$
4	01 54 23	Supply, install and maintain scaffolding. Include access stairs, anchorage, and temporary fall protection. Include for removal at completion of project.		
		a) Interior- Redoubt	Lump Sum	\$
		b) Exterior-Ditch	Lump Sum	\$
5	01 51 23 01 56 00	Provide housing, hoarding, fencing, tarpaulins and temporary structures for security, safety and Work enclosure.		
		a) Interior- Redoubt	Lump Sum	\$
		b) Exterior-Ditch	Lump Sum	\$
6	01 51 23	Heating: Includes any and all	Lump Sum	\$

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Item No.	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Extended amount applicable tax(es) extra
		fuels/electricity for the heaters and rental cost of the heaters.		
7	04 03 05.21	Perform 100% raking out and repointing to all mortar joints, in all walls noted on drawings. Completion of raking out, backpointing and finishpointing as per 1/S400 and 2/S400.		
		a) Interior- Redoubt	Lump Sum	\$
		b) Exterior- Ditch	Lump Sum	\$
8	04 03 05.21	Perform 100% raking out and repointing with elastic chinking in skyward facing joints, as per details 1/S400 and 11/S400.	Lump Sum	\$
9	04 05 19	Supply and install grouted anchors as noted on drawings.	Lump Sum	\$
10	08 01 50 08 03 80	Supply and install new wood windows, complete with glazing, related hardware and accessories. Locations noted on drawings and Worksheets.	Lump Sum	\$
11	08 01 50 08 03 40 08 03 80	Remove, repair and reinstall wood windows. Install new or salvaged glazing. Reattach related hardware and accessories. Locations noted on drawings and Worksheets.	Lump Sum	\$
12	08 03 11	Supply and install new wood doors, complete with related hardware and accessories. Locations noted on drawings and Worksheets.	Lump Sum	\$
13	08 03 11 08 03 40	Remove, repair and reinstall wood doors, complete with related hardware and accessories. Locations noted on drawings and Worksheets.	Lump Sum	\$
14	09 91 00	Painting of refurbished and new wood windows and doors. Include for priming before assembly. See drawings and specification for methodology.	Lump Sum	\$
15	04 03 05.13 04 03 05.21	Cleaning of stone prior to commencement of work and after masonry work is complete.		
		a) Interior- Redoubt	Lump Sum	\$

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		b) Exterior- Ditch	Lump Sum	\$
16	S203 S204 S206	(CL) Remove lime gypsum buildup from face of stone as noted on the drawings.	Lump Sum	\$
17	01 10 00	Demobilization: Includes any and all component removal, cleanup, landscaping and reinstatement of components disturbed by the Work. (Demobilization to be 35% of the total mob/demob cost)	Lump Sum	\$
<b>LUMP SUM AMOUNT (LSA)</b> Excluding applicable tax(s)				\$

#### 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.

Item	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable tax(s) extra (PU)	Extended amount (EQ x PU) applicable tax(s) extra
1	03 01 30	Perform shallow concrete repairs as per 9/S402. Including for all labour and materials to facilitate work.	m <sup>2</sup>	10	\$	\$
2	04 03 05.21	(R) Remove and reset displaced stones, avg. size 300x500x350mm. Include all required materials and labour.	m <sup>2</sup>	30	\$	\$
3	04 03 05.21	Grouting of wall core, including installation and removal of tubing. See drawing S400. (Measurement to be verified daily).	Litres	1500	\$	\$
4	04 03 43.13	Simple Dutchman Repair (Large): Size range: >0.15m <sup>2</sup> x150mm deep. Include all required materials and labour.	m <sup>2</sup>	40	\$	\$
5	04 03 43.13	Simple Dutchman Repair (Small) Size range: 0.01 m <sup>2</sup> to 0.15m <sup>2</sup> x150mm deep. Include all required materials and labour.	m <sup>2</sup>	65	\$	\$

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Item	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable tax(es) extra (PU)	Extended amount (EQ x PU) applicable tax(es) extra
6	04 03 43.13	Dutchman Repair (Edge) Size: 700x100x125mm deep. Include all required materials and labour.	m <sup>2</sup>	9	\$	\$
7	04 03 43.13	<u>Simple Templated Dutchman Carved repair:</u> any carved stone that requires one template, whether Section of Bed or Face. Examples: Voussoirs at the arches. Include all required materials and labour. a) Small: 0.01m <sup>2</sup> to 0.15m <sup>2</sup> x150mm deep.	m <sup>2</sup>	35	\$	\$
		b) Large: >0.15m <sup>2</sup> x150mm deep	m <sup>2</sup>	20		
8	04 03 43.13	<u>Complex Templated Dutchman Carved repair:</u> any carved stone that requires two or more templates, i.e curved and moulded. Include all required materials and labour. a) Small: 0.01m <sup>2</sup> to 0.15m <sup>2</sup> x150mm deep.	m <sup>2</sup>	10	\$	\$
		b) Large: >0.15m <sup>2</sup> x150mm deep	m <sup>2</sup>	10		
9	04 03 43.13	Stone Restoration: Perform limestone repairs with restoration mortar (150x50x50mm/unit). Including all materials and labour.	Each	150	\$	\$
10	04 03 43.13	In-situ Fracture Repair: In-situ repair to fractured limestone units (2 pins used over 300mm length/unit). Including all materials and labour. See 3/S400.	Each	715	\$	\$
11	04 03 43.13	Fracture Repair: Remove stone and reset (2 pins used over 300mm length/unit). Including all materials and labour. See 4/S400 and 5/S400.	Each	120	\$	\$
12	04 03 43.13	Crack Repair: Perform stone crack repairs to stone units that do not require in-situ pinning.	Each	130	\$	\$

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Item	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable tax(es) extra (PU)	Extended amount (EQ x PU) applicable tax(es) extra
		Include all materials and labour (300mm long/repair).				
13	04 03 43.13	Shard Repairs: Repair as per Specification.	Each	50	\$	\$
14	04 03 43.13	Descaling Stone Face.	m <sup>2</sup>	38	\$	\$
15	04 03 43.13	Resurfacing Stone Face. Refer to drawing S401.	m <sup>2</sup>	35	\$	\$
16	04 03 43.13	Insert Removal: Remove steel insert and perform restoration mortar repairs. Average size 25mm dia.	Each	235	\$	\$
17	04 03 43.16	New Stone: Remove and replace with new stone unit. Average stone size: 350x550x400mm thk. Include all materials and labour.	m <sup>2</sup>	60	\$	\$
18	04 03 43.16	New Carved Stone: Remove and replace with new stone unit. Average stone size: 250x700x350mm thk. Include all materials and labour. a) Simple templated (any carved stone that requires one template)	m <sup>2</sup>	10	\$	\$
		b) Complex templated (any carved stone that requires two or more templates).	m <sup>2</sup>	5.0		
19	04 03 43.16	New Stone with stone scupper: Remove and replace with new stone unit. Average stone size: 350x900x350mm thk. Include all materials and labour.	m <sup>2</sup>	2.5	\$	\$
20	05 70 10	Metal Repair Type 'A'	30 per Railing Section	570		
21	05 70 10	Metal Repair Type 'B', average 150 sq. mm	2 per Railing Section	38	\$	\$
22	05 70 10	Metal Repair Type 'C'	4 per Railing Section	76	\$	\$
23	05 70 10	Metal Repair Type 'D'	2 per Railing Section	38	\$	\$
24	05 70 10	Metal Repair Type 'E'	2 per Railing Section	38	\$	\$



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Item	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity (EQ)	Price per Unit applicable tax(es) extra (PU)	Extended amount (EQ x PU) applicable tax(es) extra
25	05 70 10	Metal Repair Type 'F'	4 per Railing Section	76	\$	\$
26	05 70 10	Metal Repair Type 'G'	7 per Railing Section	133	\$	\$
27	05 70 10	Metal Repair Type 'H'	1 per Railing Section	19	\$	\$
28	05 70 10	Metal Repair Type 'I'	8 per Railing Section	152	\$	\$
29	08 01 50 08 03.52.71 09 91 00	Loop Hole Covers:				
		a) Supply and install new wood frames.	Each	90	\$	\$
		b) Supply and install new sashes, c/w glazing, related hardware and accessories.	Each	75	\$	\$
		c) Supply and install restored sashes, c/w glazing, related hardware and accessories.	Each	15	\$	\$
<b>TOTAL EXTENDED AMOUNT (TEA)</b> Excluding applicable tax(es)						\$

<b>TOTAL BID AMOUNT (LSA + TEA)</b> Excluding applicable tax(es)	\$
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