



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

Regional Manager/Real Property  
Contracting/PWGSC  
Ontario Region, Tendering Office  
12th Floor, 4900 Yonge Street  
Toronto, Ontario  
M2N 6A6  
Ontario

**INVITATION TO TENDER**

**APPEL D'OFFRES**

**Tender To: Public Works and Government Services  
Canada**

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.

**Soumission aux: Travaux Publics et Services  
Gouvernementaux Canada**

Nous offrons par la présente de vendre à Sa Majesté la  
Reine du chef du Canada, aux conditions énoncées ou  
incluses par référence dans la présente et aux annexes  
ci-jointes, les biens, services et construction énumérés  
ici et sur toute feuille ci-annexée, au(x) prix indiqué(s).

**Comments - Commentaires**

**Vendor/Firm Name and Address**  
**Raison sociale et adresse du**  
**fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**

Regional Manager/Real Property Contracting/PWGSC  
Ontario Region, Tendering Office  
12th Floor, 4900 Yonge Street  
Toronto, Ontario  
M2N 6A6  
Ontario

<b>Title - Sujet</b> Kingston Mills Lock 46-49 Rehab	
<b>Solicitation No. - N° de l'invitation</b> EQ754-190657/A	<b>Date</b> 2018-07-18
<b>Client Reference No. - N° de référence du client</b> R.079796.009	<b>GETS Ref. No. - N° de réf. de SEAG</b> PW-\$PWL-030-2384
<b>File No. - N° de dossier</b> PWL-8-41029 (030)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2018-08-30</b>	
<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Daylight Saving Time EDT	
<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 questions à:</b> Cowieson, Jim	<b>Buyer Id - Id de l'acheteur</b> pwl030
<b>Telephone No. - N° de téléphone</b> (416) 512-5829 ( )	<b>FAX No. - N° de FAX</b> (416) 512-5862
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> PWGSC/TPSGC Joseph Shepard Building 32 4900 Yonge Street Toronto, ON M2N 6A6 Canada	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

<b>Delivery Required - Livraison exigée</b>	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/</b> <b>de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

## INVITATION TO TENDER

### IMPORTANT NOTICE TO BIDDERS

#### PROMPT PAYMENT IN THE CONSTRUCTION INDUSTRY

##### Prompt Payment Principles

Public Services and Procurement Canada advocates that construction-related payments should follow these three principles:

- **Promptness:** The department will review and process invoices promptly. If disputes arise, Public Services and Procurement Canada will pay for items not in dispute, while working to resolve the disputed amount quickly and fairly
- **Transparency:** The department will make construction payment information such as payment dates, company names, contract and project numbers, publicly available; likewise, contractors are expected to share this information with their lower tiers
- **Shared responsibility:** Payers and payees are responsible for fulfilling their contract terms including their obligations to make and receive payment, and to adhere to industry best practices

For more information: <http://www.tpsgc-pwgsc.gc.ca/biens-property/divulgate-disclosure/psdic-ppci-eng.html>

#### THIS DOCUMENT CONTAINS AN INDUSTRIAL SECURITY REQUIREMENT

For further instructions please consult "Special Instruction to Bidders", SI09, "Industrial Security Related Requirements" and "Supplementary Conditions" SC01 "Industrial Security Related Requirements, Document Safeguarding Location".

#### PWGSC UPDATE ON ASBESTOS USE

Effective April 1, 2016, all Public Works and Government Services Canada (PWGSC) contracts for new construction and major rehabilitation will prohibit the use of asbestos-containing materials. Further information can be found at <http://www.tpsgc-pwgsc.gc.ca/comm/vedette-features/2016-04-19-00-eng.html>

#### THE FOLLOWING MUST BE REQUESTED FROM THE CONTRACTING OFFICER:

**Annex "G" Video (CD)** - Underwater video of Lock 46 and 49.

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### **R2710T GENERAL INSTRUCTIONS - CONSTRUCTION SERVICES - BID SECURITY REQUIREMENTS (GI) (2018-06-21)**

The following GI's are included by reference and are available at the following Web Site

<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/R>

- GI01 Integrity Provisions - Bid
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### **ANNEX "G" VIDEO (CD)**

## **SPECIAL INSTRUCTIONS TO BIDDERS (SI)**

### **SI01 BID DOCUMENTS**

1. The following are the Bid Documents:
  - a. Invitation to Tender - Page 1;
  - b. Special Instructions to Bidders;
  - c. General Instructions - Construction Services - Bid Security Requirements R2710T (2018-06-21)
  - d. Clauses & Conditions identified in "Contract Documents";
  - e. Drawings and Specifications;
  - f. Bid and Acceptance Form and related Appendix(s); and
  - g. Any amendment issued prior to solicitation closing.

Submission of a bid constitutes acknowledgement that the Bidder has read and agrees to be bound by these documents.

2. General Instructions - Construction Services - Bid Security Requirements R2710T is incorporated by reference and is set out in the Standard Acquisition Clauses and Conditions (SACC) Manual, issued by Public Works and Government Services Canada (PWGSC). The SACC Manual is available on the PWGSC Web site: <https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/R>

### **SI02 ENQUIRIES DURING THE SOLICITATION PERIOD**

1. Enquiries regarding this bid must be submitted in writing to the Contracting Authority named on the Invitation to Tender - Page 1 at e-mail address [jim.cowieson@tpsgc-pwgsc.gc.ca](mailto:jim.cowieson@tpsgc-pwgsc.gc.ca) Except for the approval of alternative materials as described in G115 of R2710T, enquiries should be received no later than 5 business days prior to the date set for solicitation closing to allow sufficient time to provide a response. Enquiries received after that time may result in an answer NOT being provided.
2. To ensure consistency and quality of the information provided to Bidders, PWGSC will examine the content of the enquiry and will decide whether or not to issue an amendment.
3. All enquiries and other communications related to this bid sent throughout the solicitation period must be directed ONLY to the Contracting Authority named in paragraph 1. above. Failure to comply with this requirement may result in the bid being declared non-compliant.

### **SI03 OPTIONAL SITE VISIT**

1. There will be a site visit on August 8, 2018 at 1:00 pm time. Interested bidders are to meet at the Parks Canada parking lot on the south side of Kingston Mills Road just West of the site.

#### **SI04 REVISION OF BID**

A bid may be revised by letter or facsimile in accordance with GI10 of R2710T. The facsimile number for receipt of revisions is (416) 512-5862.

#### **SI05 BID RESULTS**

1. A public bid opening will be held in the office designated on the Front Page "Invitation to Tender" (top left corner) for the receipt of bids shortly after the time set for solicitation closing.
2. The responsive bid carrying the lowest price will be recommended for contract award.
3. Following solicitation closing, bid results may be obtained by calling number (416) 512-5558 or faxing number (416) 512-5862.

#### **SI06 INSUFFICIENT FUNDING**

In the event that the lowest compliant bid exceeds the amount of funding allocated for the Work, Canada in its sole discretion may

- a. cancel the solicitation; or
- b. obtain additional funding and award the Contract to the Bidder submitting the lowest compliant bid.

#### **SI07 BID VALIDITY PERIOD**

1. Canada reserves the right to seek an extension to the bid validity period prescribed in BA04 of the Bid and Acceptance Form. Upon notification in writing from Canada, Bidders will have the option to either accept or reject the proposed extension.
2. If the extension referred to in paragraph 1. above is accepted, in writing, by all those who submitted bids, then Canada will continue immediately with the evaluation of the bids and its approvals processes.
3. If the extension referred to in paragraph 1. above is not accepted in writing by all those who submitted bids then Canada will, at its sole discretion, either
  - a. continue to evaluate the bids of those who have accepted the proposed extension and seek the necessary approvals; or
  - b. cancel the invitation to tender.
4. The provisions expressed herein do not in any manner limit Canada's rights in law or under GI11 of R2710T.

#### **SI08 CONSTRUCTION DOCUMENTS**

The successful Contractor will be provided (**with 1 electronic or paper copy**) of the sealed and signed drawings, the specifications and the amendments upon acceptance of the offer. Additional copies, up to a maximum (1), will be provided free of charge upon request by the Contractor. Obtaining more copies will be the responsibility of the Contractor including costs.

## **SI09 WEB SITES**

The connection to some of the Web sites in the solicitation documents is established by the use of hyperlinks. The following is a list of the addresses of the Web sites:

Treasury Board Appendix L, Acceptable Bonding Companies  
<http://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=14494&section=text#appl>

Buy and Sell  
<https://www.achatsetventes-buyandsell.gc.ca>

Canadian economic sanctions  
<http://www.international.gc.ca/sanctions/index.aspx?lang=eng>

Contractor Performance Evaluation Report (Form PWGSC-TPSGC 2913)  
<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/2913.pdf>

Bid Bond (form PWGSC-TPSGC 504)  
<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/504.pdf>

Performance Bond (form PWGSC-TPSGC 505)  
[http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/505\\_eng.pdf](http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/505_eng.pdf)

Labour and Material Payment Bond (form PWGWSC-TPSGC 506)  
<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/506.pdf>

Standard Acquisition Clauses and Conditions (SACC) Manual  
<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/R>

PWGSC, Industrial Security Services  
<http://ssi-iss.tpsgc-pwgsc.gc.ca/index-eng.html>

PWGSC, Code of Conduct and Certifications  
<http://www.tpsgc-pwgsc.gc.ca/app-acq/cndt-cndct/contexte-context-eng.html>

Construction and Consultant Services Contract Administration Forms Real Property Contracting  
<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/formulaires-forms-eng.html>

Declaration Form  
<http://www.tpsgc-pwgsc.gc.ca/ci-if/formulaire-form-eng.html>

Trade agreements  
<https://buyandsell.gc.ca/policy-and-guidelines/Policy-and-Legal-Framework/Trade-Agreements>

## CONTRACT DOCUMENTS (CD)

1. The following are the Contract Documents:
  - a. Contract Page when signed by Canada;
  - b. Duly completed Bid and Acceptance Form and any Appendices attached thereto;
  - c. Drawings and Specifications;
  - d. General Conditions and clauses

GC1	General Provisions – Construction Services	R2810D	(2017-11-28);
GC2	Administration of the Contract	R2820D	(2016-01-28);
GC3	Execution and Control of the Work	R2830D	(2018-06-21);
GC4	Protective Measures	R2840D	(2008-05-12);
GC5	Terms of Payment	R2850D	(2016-01-28);
GC6	Delays and Changes in the Work	R2860D	(2016-01-28);
GC7	Default, Suspension or Termination of Contract	R2870D	(2018-06-21);
GC8	Dispute Resolution	R2882D	(2016-01-28);
GC9	Contract Security	R2890D	(2018-06-21);
GC10	Insurance	R2900D	(2008-05-12);
	Allowable Costs for Contract Changes Under GC6.4.1	R2950D	(2015-02-25);
  - e. Supplementary Conditions
  - f. Any amendment issued or any allowable bid revision received before the date and time set for solicitation closing;
  - g. Any amendment incorporated by mutual agreement between Canada and the Contractor before acceptance of the bid; and
  - h. Any amendment or variation of the contract documents that is made in accordance with the General Conditions.
2. The documents identified by title, number and date above are incorporated by reference and are set out in the Standard Acquisition Clauses and Conditions (SACC) Manual, issued by Public Works and Government Services Canada (PWGSC). The SACC Manual is available on the PWGSC Web site:  
<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>
3. The language of the contract documents is the language of the Bid and Acceptance Form submitted.

## **SUPPLEMENTARY CONDITIONS (SC)**

### **SC01 INDUSTRIAL SECURITY RELATED REQUIREMENTS, DOCUMENT SAFEGUARDING**

There is no document security requirement applicable to this Contract.

### **SC02 INSURANCE TERMS**

#### **1) Insurance Contracts**

- (a) The Contractor must, at the Contractor's expense, obtain and maintain insurance contracts in accordance with the requirements of the Certificate of Insurance. Coverage must be placed with an Insurer licensed to carry out business in Canada.
- (b) Compliance with the insurance requirements does not release the Contractor from or reduce its liability under the Contract. The Contractor is responsible for deciding if additional insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any additional insurance coverage is at the Contractor's expense, and for its own benefit and protection.

#### **2) Period of Insurance**

- (a) The policies required in the Certificate of Insurance must be in force from the date of contract award and be maintained throughout the duration of the Contract.
- (b) The Contractor must be responsible to provide and maintain coverage for Products/Completed Operations hazards on its Commercial General Liability insurance policy, for a period of six (6) years beyond the date of the Certificate of Substantial Performance.

#### **3) Proof of Insurance**

- (a) Before commencement of the Work, and no later than thirty (30) days after contract award, the Contractor must deposit with Canada a Certificate of Insurance on the form attached herein.
- (b) Upon request by Canada, the Contractor must provide originals or certified true copies of all contracts of insurance maintained by the Contractor pursuant to the Certificate of Insurance.

#### **4) Insurance Proceeds**

In the event of a claim, the Contractor must, without delay, do such things and execute such documents as are necessary to effect payment of the proceeds.

#### **5) Deductible**

The payment of monies up to the deductible amount made in satisfaction of a claim must be borne by the Contractor.

## BID AND ACCEPTANCE FORM (BA)

### BA01 IDENTIFICATION

Insert Project Title and location

### BA02 LEGAL NAME AND ADDRESS OF BIDDER

Legal Name: \_\_\_\_\_

Operating Name (if any): \_\_\_\_\_

Address: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_ PBN: \_\_\_\_\_

E-mail address: \_\_\_\_\_

Industrial Security Program Organisation Number (ISP ORG#) \_\_\_\_\_  
(when required)

### BA03 THE OFFER

The Bidder offers to Canada to perform and complete the Work for the above named project in accordance with the Bid Documents for the **TOTAL BID AMOUNT INDICATED IN APPENDIX 1**.

### BA04 BID VALIDITY PERIOD

The bid must not be withdrawn for a period of 30 days following the date of solicitation closing.

### BA05 ACCEPTANCE AND CONTRACT

Upon acceptance of the Bidder's offer by Canada, a binding Contract will be formed between Canada and the Bidder. The documents forming the Contract will be the Contract Documents identified in "Contract Documents (CD)" section.

### BA06 CONSTRUCTION TIME

The Contractor must complete the work, restore and demobilize entirely from site by end of day May 7, 2021.

### BA07 BID SECURITY

The Bidder must enclose bid security with its bid in accordance with GI08 - Bid Security Requirements of R2710T - General Instructions - Construction Services - Bid Security Requirements.

### BA08 SIGNATURE

\_\_\_\_\_  
Name and title of person authorized to sign on behalf of Bidder (Type or print)

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**APPENDIX 1 - COMBINED PRICE FORM**

- 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.

**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.

**LUMP SUM AMOUNT (LSA)**

Excluding applicable tax(es)

**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 No.	Specification Reference	Class of Labour, Plant or Material	Unit	Estimated Quantity (EQ)	Price per Unit Applicable tax(es) extra (PU)	Extended amount (EQ x PU) applicable tax(es) extra
U1	02 41 18	Concrete Removal - Horizontal Surface	m3	38		
U2	02 41 18	Concrete Removal - Vertical Surface	m3	92		
U3	02 41 18	Concrete Removal - Basin Wall	m3	7		
U4	02 41 18	Concrete Removal - Underwater	m3	1		
U5	02 41 18	Concrete Removal - Staircases	m3	2		
U6	02 41 18	Concrete Removal - Slab on Grade	m3	8		
U7	02 41 18	Concrete Removal - Sluice Tunnels	m3	6		
U8	02 41 18	Remove North Retaining Wall in Turning Basin	m3	24		
U9	02 41 18	Mill Concrete in Floor - Lock 47	m2	34		
U10	02 41 18	Mill Concrete in Floor - Lock 48	m2	34		
U11	02 41 21	Remove Pressure Relief Valves	Each	20		
U12	02 41 21	Remove Access Ladders	Each	16		
U13	02 41 21	Remove Stair Railings	Each	33		
U14	02 41 21	Remove Raised Wall and Monolith Railings	m	87		
U15	02 41 21	Remove and Salvage Upper Anchorage for Mooring Lines	Each	92		
U16	02 41 21	Remove and Salvage Lower Anchorage for Mooring Lines	Each	33		
U17	02 41 21	Remove and Salvage Sluice Tunnel Valves and Frames	Each	8		
U18	02 41 21	Remove and Salvage Sluice Gate Winches and Salvage	Each	12		

Item No.	Specification Reference	Class of Labour, Plant or Material	Unit	Estimated Quantity (EQ)	Price per Unit Applicable tax(es) extra (PU)	Extended amount (EQ x PU) applicable tax(es) extra
U19	02 41 21	Remove and Salvage Masonry Cramps	Each	4		
U20	02 41 21	Remove and Salvage Pavers	m2	231		
U21	02 41 21	Remove Timber in Lock Floor	m2	20		
U22	02 41 21	Remove Asphalt	m2	5		
U23	02 41 21	Remove Trees	Each	3		
U24	02 42 01	Removal and Reinstallation of Lock Gates - Short	Each	2		
U25	02 42 01	Removal and Reinstallation of Lock Gates - Tall	Each	4		
U26	03 00 99	Water Blast Cleaning	m2	1046		
U27	03 00 99	Water Blast Cleaning - Sluice Tunnels	m2	60		
U28	03 20 00	Galvanized Reinforcing Steel	t	17		
U29	03 20 00	Galvanized Reinforcing Steel - Allowance (15M Bar)	t	5		
U30	03 20 00	Galvanized Welded Wire Fabric	m2	344		
U31	03 20 00	Form Saver Coupler	Each	67		
U32	03 30 00	Cast-in-Place Concrete - Floors	m3	49		
U33	03 30 00	Cast-in-Place Concrete - Walls	m3	102		
U34	03 30 00	Cast-in-Place Concrete - Sluice Tunnel Walls	m3	10		
U35	03 30 00	Cast-in-Place Concrete - Sluice Tunnel Soffit	m3	5		
U36	03 30 00	Cast-in-Place Concrete - Sluice Tunnel Floors	m3	2		
U37	03 30 00	Concrete Hand Patching - Sluice Tunnels	m2	4		
U38	03 30 00	Cast-in-Place Concrete - Turning Basin Retaining Wall (OPSD 3120.100)	m3	30		
U39	03 30 00	Concrete Repair - Formed - Staircases	m3	2		
U40	03 30 00	Mass Concrete over Bedrock - Lock 46	m3	10		
U41	03 30 00	Tremie Concrete - Formed - Lock 49	m3	19		
U42	03 30 00	Partial Depth Concrete Repairs - Horizontal	m3	15		
U43	03 30 00	Vertical Concrete Repairs (100-200mm)	m3	12		
U44	03 30 00	Vertical Proprietary Hand Patching (50mm)	m2	20		
U45	03 30 00	Vertical Proprietary Hand Patching (25mm)	m2	20		
U46	03 30 00	Basin Wall Repairs - Proprietary Hand Patching	m3	4		

Item No.	Specification Reference	Class of Labour, Plant or Material	Unit	Estimated Quantity (EQ)	Price per Unit Applicable tax(es) extra (PU)	Extended amount (EQ x PU) applicable tax(es) extra
U47	03 30 00	Concrete Seal for Basin Wall	m3	7		
U48	03 30 00	Concrete Slab-on-Grade	m2	8		
U49	03 30 00	PVC Waterstop	m	186		
U50	03 03 09	Install Grout Tubes	Each	4274		
U51	03 03 09	Install Deep Grout Tubes	Each	2033		
U52	03 03 09	Install Grout Tubes - Sluice Tunnels	Each	128		
U53	03 03 09	Install Deep Grout Tubes - Sluice Tunnels	Each	64		
U54	03 03 09	Install Grout Tubes Underwater	Each	16		
U55	03 03 09	Install Deep Grout Tubes Underwater	Each	8		
U56	03 03 09	Install Deep Grout Tubes for Leaking Areas	Each	60		
U57	03 03 09	Install Deep Grout Tubes for Additional Leaking Areas	Each	30		
U58	03 03 09	Inject Grout in Walls	m3	81		
U59	03 03 09	Inject Grout - Sluice Tunnels	m3	2		
U60	03 03 09	Inject Grout in Walls - Underwater	m3	1		
U61	03 03 10	Additional Grout Injection	m3	2		
U62	03 30 00	Concrete Finish - Vertical Surfaces	m2	427		
U63	03 30 00	Concrete Finish - Horizontal Surfaces	m2	275		
U64	04 43 04	Raking Joints - Finish	m	8520		
U65	04 43 04	Raking Joints - Back	m	4278		
U66	04 43 04	Raking Joints - Deep Back	m	2139		
U67	04 43 04	Finish Pointing	m	8520		
U68	04 43 04	Back Pointing	m	4280		
U69	04 43 04	Deep Back Pointing	m	2140		
U70	04 43 04	Raking Joints - Finish - Sluice Tunnels	m	1132		
U71	04 43 04	Raking Joints - Back - Sluice Tunnels	m	1132		
U72	04 43 04	Raking Joints - Deep Back - Sluice Tunnels	m	284		
U73	04 43 04	Finish Pointing - Sluice Tunnels	m	1132		
U74	04 43 04	Back Pointing - Sluice Tunnels	m	1132		
U75	04 43 04	Deep Back Pointing - Sluice Tunnels	m	284		

Item No.	Specification Reference	Class of Labour, Plant or Material	Unit	Estimated Quantity (EQ)	Price per Unit Applicable tax(es) extra (PU)	Extended amount (EQ x PU) applicable tax(es) extra
U76	04 43 04	Underwater Joint Raking	m	413		
U77	04 43 04	Underwater Pointing	m	413		
U78	04 43 05	Stone Removal	m3	55		
U79	04 43 05	Stone Removal for Salvage	m3	5		
U80	04 43 05	Stone Removal for Dutchman Repairs	m3	81		
U81	04 43 05	Stone Removal - Sluice Tunnel Walls	m3	8		
U82	04 43 05	Stone Removal - Sluice Tunnel Soffit	m3	4		
U83	04 43 05	Stone Removal - Sluice Tunnel Floors	m3	2		
U84	04 43 05	Stone Removal - Staircases	m3	10		
U85	04 43 05	Stone Removal - Drainage for Chamber Floor	m2	2		
U86	04 43 05	Underwater Stone Removal for Dutchman Repairs	m3	3		
U87	04 43 06	Cut Stone - Full Dutchman	m3	61		
U88	04 43 06	Cut Stone - Full Dutchman - Special	m3	3		
U89	04 43 06	Cut Stone - Partial Dutchman	m3	15		
U90	04 43 06	Cut Stone - Full Stone	m3	28		
U91	04 43 06	Cut Stone - Full Stone - Special	m3	26		
U92	04 43 07	Install Stone - Full Dutchman	m3	61		
U93	04 43 07	Install Stone - Full Dutchman - Special	m3	3		
U94	04 43 07	Install Stone - Partial Dutchman	m3	15		
U95	04 43 07	Install Stone - Full Stone	m3	31		
U96	04 43 07	Install Stone - Full Stone - Special	m3	26		
U97	04 43 07	Install Stone - Underwater - Full Dutchman	m3	3		
U98	04 43 07	Install Stone - Underwater - Partial Dutchman	m3	1		
U99	04 43 07	Install Stone - Staircases	m3	8		
U100	05 05 20	Anchor Type B1	Each	741		
U101	05 05 20	Anchor Type B2	Each	807		
U102	05 05 20	Anchor Type B3 (not used)	Each	0		
U103	05 05 20	Anchor Type B4 (not used)	Each	0		
U104	05 05 20	Anchor Type B5	Each	616		

Item No.	Specification Reference	Class of Labour, Plant or Material	Unit	Estimated Quantity (EQ)	Price per Unit Applicable taxe(s) extra (PU)	Extended amount (EQ x PU) applicable taxe(s) extra
U105	05 05 20	Anchor Dowel Type D1	Each	641		
U106	05 05 20	Anchor Dowel Type D2 (not used)	Each	0		
U107	05 05 20	Anchor Dowel Type D3	Each	61		
U108	05 05 20	Anchor Dowel Type D4	Each	807		
U109	05 05 20	Anchor Dowel Type D5	Each	77		
U110	05 05 20	Anchor Dowel Type D6	Each	1125		
U111	05 05 20	Anchor Dowel Type D7	Each	303		
U112	05 05 20	Anchor Dowel Type D8	Each	33		
U113	05 05 20	Anchor Dowel Type D9	Each	56		
U114	05 50 00	Supply and Install Pressure Relief Valves	Each	20		
U115	05 50 00	Supply and Install Access Ladders	Each	16		
U116	05 50 00	Supply and Install Stair Railings	m	33		
U117	05 50 00	Supply and Install Raised Wall and Monolith Railings	m	87		
U118	05 50 00	Supply and Install Upper Anchorage for Mooring Line	Each	20		
U119	05 50 00	Supply and Install Lower Anchorage for Mooring Line	Each	104		
U120	05 50 00	Reinstate Salvaged Sluice Tunnel Valves and Frames	Each	8		
U121	05 50 00	Reinstate Salvaged Sluice Gate Winches	Each	12		
U122	05 50 00	Reinstall Salvaged Masonry Cramps	Each	4		
U123	06 10 53	Replace Timbers in Lock Floor	m2	20		
U124	07 19 00	Penetrating Concrete Sealer	m2	251		
U125	31 23 00	Bedrock Removals	m3	2		
U126	31 23 15	Common Excavation	m3	226		
U127	31 23 15, 31 05 16	Bedding - Sand	t	29		
U128	31 23 15, 31 05 16	Bedding - Granular	t	65		
U129	31 23 15, 31 05 16	Backfilling	t	140		
U130	31 37 00	Rip-Rap	m3	31		
U131	32 13 11	Flagstone Pavers	m2	140		
U132	32 13 11	Flagstone (100mm thick) (Not Used)	m2	0		
U133	32 13 11	Flagstone (300mm thick)	m2	21		

Solicitation No. - N° de l'invitation  
EQ754-190657

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur  
PWL030

Client Ref. No. - N° de réf. du client  
R.079796.009

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME  
pwl-8-41029

Item No.	Specification Reference	Class of Labour, Plant or Material	Unit	Estimated Quantity (EQ)	Price per Unit Applicable tax(s) extra (PU)	Extended amount (EQ x PU) applicable tax(s) extra
U134	32 94 00	Reinstate Existing Pavers	m2	95		
<b>TOTAL EXTENDED AMOUNT (TEA)</b> Excluding applicable tax(s)						
<b>TOTAL BID AMOUNT (LSA +TEA)</b> Excluding applicable tax(s)						



### APPENDIX 3 - LISTING OF SUBCONTRACTORS

- 1) In accordance with GI07 - Listing of Subcontractors and Suppliers of R2710T- General Instructions - Construction Services - Bid Security Requirements, the Bidder should provide a list of Subcontractors with his Bid.
- 2) The Bidder should submit the list of Subcontractors and for any portion of the Work valued at 20% or greater of the submitted Bid Price.

	Subcontractor	Division
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		

## APPENDIX 4 - VOLUNTARY CERTIFICATION TO SUPPORT THE USE OF APPRENTICES

(page 1 of 2)

### PUBLIC WORKS AND GOVERNMENT SERVICES CANADA APPRENTICE PROCUREMENT INITIATIVE

1. To encourage employers to participate in apprenticeship training, Bidders, bidding on construction and maintenance contracts by Public Works and Government Services Canada (PWGSC) are being asked to sign a voluntary certification, signaling their commitment to hire and train apprentices.
2. Canada is facing skills shortages across various sectors and regions, especially in the skilled trades. Equipping Canadians with skills and training is a shared responsibility. The Government of Canada made a commitment to support the use of apprentices in federal construction and maintenance contracts. Contractors have an important role in supporting apprentices through hiring and training and are encouraged to certify that they are providing opportunities to apprentices as part of doing business with the Government of Canada.
3. The Government of Canada is encouraging apprenticeships and careers in the skilled trades. In addition, the government offers a tax credit to employers to encourage them to hire apprentices. Information on this tax measure administered by the Canada Revenue Agency can be found at: [www.cra-arc.gc.ca](http://www.cra-arc.gc.ca). Employers are also encouraged to find out what additional information and supports are available from their respective provincial or territorial jurisdiction.
4. Signed certifications on page 2 of 2 will be used to better understand contractor use of apprentices on Government of Canada maintenance and construction contracts and may inform future policy and program development.
5. The Contractor hereby certifies the following:

In order to help meet demand for skilled trades people, the Contractor agrees to use, and require its subcontractors to use, reasonable commercial efforts to hire and train registered apprentices, to strive to fully utilize allowable apprenticeship ratios \* and to respect any hiring requirements prescribed by provincial or territorial statutes

The Contractor hereby consents to this information being collected and held by PWGSC, and Employment and Social Development Canada to support work to gather data on the hiring and training of apprentices in federal construction and maintenance contracts.

To support this initiative, a voluntary certification signaling the Contractor's commitment to hire and train apprentices is available at page 2 of 2.

If you accept fill out and sign page 2 of 2.

*\* The journey-person-apprentice ratio is defined as the number of qualified/certified journeypersons that an employer must employ in a designated trade or occupation in order to be eligible to register an apprentice as determined by provincial/territorial (P/T) legislation, regulation, policy directive or by law issued by the responsible authority or agency.*

## Voluntary Certification

(To be filled out and returned with bid on a voluntary basis)

(page 2 of 2)

*Note: The contractor will be asked to fill out a report every six months or at project completion as per sample "Voluntary Reports for Apprentices Employed during the Contract" provided at Annex C*

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Company Name: \_\_\_\_\_

Company Legal Name: \_\_\_\_\_

Solicitation Number: \_\_\_\_\_

Number of company employees: \_\_\_\_\_

Number of apprentices planned to be working on this contract: \_\_\_\_\_

Trades of those apprentices:

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## APPENDIX 5 - PREQUALIFICATION REQUIREMENTS AND QUALIFICATION FORMS

### PREQUALIFICATION REQUIREMENTS

In the event that a bid is non-compliant with all mandatory qualifications and submissions, Envelope Two – PRICE, will be returned unopened.

#### 1. Bidder's Qualifications

- a. Each bidder must provide with their bid, certification that they have successfully completed the construction of similar projects within the contract services or used subcontractors, or by his proposed subcontractor(s).
- b. Similar projects are defined as construction projects that include the following type of works:
  - i. Heritage stone masonry restoration including cut and shaped stones.
  - ii. Heritage stone masonry restoration exposed to a marine environment including cut and shaped stones. -
  - iii. Pressure grouting related to masonry restoration
  - iv. General Concrete Work
- c. Bidders must provide sample projects for each of work above by themselves or by proposed subcontractor that demonstrate their previous experience.
- d. Bidders must complete the following forms included herein or a facsimile that includes all the information contained therein. These forms must be included as part of the bid submission in "Envelope One - QUALIFICATIONS."
  - i. "Form No. 1A and 1B (project one, project two) – Bidder`s Experience – Previous Heritage Stone Masonry Project", that includes
    - a. Heritage stone masonry restoration including cut and shaped stones, and /or
    - b. Heritage stone masonry restoration exposed to a marine environment including cut and shaped stones and  
Each project must individually have a contract value greater than \$500,000 excluding taxes.
  - ii. "Form No. 2 – Bidder's Experience – Pressure Grouting in Masonry Projects"
    - a. The project must have a contract value greater than \$200,000 excluding taxes.
  - iii. "Form No. 3 – Bidder`s Experience – General Concrete Work"
    - a. The project must have a contract value greater than \$500,000 excluding taxes.

#### 2. Project Manager's Experience

- a. Each bidder must demonstrate that the Project Manager assigned to this project:
  - i. has substantially completed a minimum of two (2) masonry construction projects in the last 10 years, each with a minimum contract value of \$500,000.
- b. Bidders must complete "Form No. 4A and 4B (Project #1, #2) – Project Manager Experience – Previous Construction Project" included herein or a facsimile that includes all of the information contained therein. This form must be included as part of the bid submission in "Envelope One - QUALIFICATIONS."
- c. In addition to the above requirement, each Bidder must provide with their bid a curriculum vitae (C.V.) for their assigned Project Manager specifically limited to the requirements of this project. The C.V. should be a maximum of 2 pages long and should clearly indicate the name of the projects, their scope of work and year undertaken, role played and contract value in order demonstrate the years of experience the Project Manager has in managing masonry construction projects. The C.V. must be included as part of the bid submission in "Envelope One – QUALIFICATIONS".

### 3. Site Superintendent's Experience

- a. Each bidder must provide with their bid a certification that the Site Superintendent assigned to this project:
  - i. has supervised a minimum of 2 projects with multi-year, multi-disciplinary work and in the last 10 years; with a minimum value of \$1,000,000 and
  - ii. Will be fully dedicated to the project and on site for the entire duration of the construction work
- b. Bidders must complete "Form No. 5A and 5B (Project #1, #2) – Site Superintendent's Experience – Previous Construction Project" included herein or a facsimile that includes all of the information contained therein. This form must be included as part of the bid submission in "Envelope One - QUALIFICATIONS."
- c. In addition to the above requirement, each Bidder must provide with their bid a curriculum vitae (C.V.) for their assigned Site Superintendent specifically limited to the requirements of this project. The C.V. should be a maximum of 2 pages long and should clearly indicate the name of the projects, their scope of work and year undertaken, role played and contract value in order demonstrate the years of experience the Site Superintendent has in managing construction projects. The C.V. must be included as part of the bid submission in "Envelope One – QUALIFICATIONS".

### 4. Heritage Stone Masonry Lead Experience

- a. Each bidder must provide with their bid a certification that the Heritage Stone Masonry Lead assigned to this project:
  - i. has supervised/overseen a minimum of 2 masonry projects in the last 10 years;
- b. Bidders must complete "Form No. 6A and 6B (Project #1, #2) – Heritage Stone Masonry Lead's Experience – Previous Masonry Project" included herein or a facsimile that includes all of the information contained therein. This form must be included as part of the bid submission in "Envelope One - QUALIFICATIONS."
- c. In addition to the above requirement, each Bidder must provide with their bid a curriculum vitae (C.V.) for their assigned Site Superintendent specifically limited to the requirements of this project. The C.V. should be a maximum of 2 pages long and should clearly indicate the name of the projects, their scope of work and year undertaken, role played and contract value in order demonstrate the years of experience the Site Superintendent has in managing Masonry construction projects. The C.V. must be included as part of the bid submission in "Envelope One – QUALIFICATIONS".

### 4. Bidder's Technical Support Team

- a. Each Bidder must have a Technical support team to assist the bidder with the project. The Technical Support Team must have experience in the design and monitoring and protection existing structure and temporary works including but not limited to: pre condition surveys, stability assessments; heritage stone masonry techniques and methodology; shoring systems at excavations and other in-water dewatering systems; coffer dam design and installation, environmental controls (including erosion, sediment, dust, and noise and water diversion systems.
- b. The Bidder's Technical Support Team may include members of the Bidder's own team or a Subcontractor to perform the work.
- c. As a minimum the Bidders Technical Support Team needs to include the following key personnel:
  - i. Civil/structural engineer;
  - ii. Environmental specialist;
  - iii. Qualified Surveyor;
  - iv. Sufficient experienced heritage stone masons dedicated to this project;
  - v. Heavy Civil Specialist/Engineer;
  - vi. Commercial divers; and
  - vii. Health and safety specialist; -
  - viii. Cofferdam and Dewatering
- c. Bidders must complete "Form No. 7 – Technical Support Team" included herein or a facsimile that includes all of the information contained therein. This form must be included as part of the bid submission in "Envelope One - QUALIFICATIONS."
- d. Engineers on the Bidders Support Team must be licensed to practice in the Province of Ontario

## 5. Bidders Information

- a. Each bidder must provide with their bid contact information for the General Contractor.
  - b. Where the Bidder plans on using Subcontractor to perform portions of the work, the Bidder must provide the Subcontractor's information.
  - c. Bidders must complete the following forms, regardless if Subcontractors are being used, included herein or a facsimile that includes all the information contained therein. These forms must be included as part of the bid submission in "Envelope One - QUALIFICATIONS."
    - i. "Form 8A – Bidders Information"
    - ii. "Form 8B – Masonry Subcontractor Information"
    - iii. "Form 8C – Pressure Grouting Subcontractor Information"
    - vi. "Form 8D – General Concrete Work Subcontractor Information"
6. Bidders must provide a letter from their stone supplier(s) / quarry(s) confirming the specified stone type, characteristics and quantities are available for each year of work.
7. PWGSC will be the final and sole judge of compliance with the prequalifying requirements. It is possible that PWGSC may request clarification but sufficient information must be submitted at the time of tender to satisfy PSPC that it is likely that the contractor has the necessary experience and that any clarifications requested after tenders are submitted are only to ensure and verify the correct interpretation of the submitted material. PWGSC is under no obligation to ask for clarification and can eliminate the tenderer summarily with or without clarification.
8. Any staff changes after the submission of the tender will require written approval from the Departmental Representative, prior to any such change. All change submissions will require a formal written change request and approval by the departmental representative. Submission will include both the resume of the original designated individual and the proposed individual prior to substitution and prior to the original individual leaving or changing their role in the project in any way, including reducing availability, hours or access or taking on non-designated tasks. Qualifications and experience of the staff proposed for replacement must be equivalent or better than the staff identified in the evaluated bid documents.
- .1 Should proposed staff substitutions not be deemed to be equivalent or better at the sole discretion of the departmental representative than the staff originally identified two personnel shall be temporarily assigned the duties and departmental costs will be assessed in addressing the deficiency with both the additional cost of consulting time and departmental time charged to the contractor.

**QUALIFICATIONS FORMS Cont'd**

**FORM No. 1A – Bidder's Experience – Previous Stone Masonry Construction Project**

**Project One**

(THIS FORM OR A COPY IDENTICAL IN CONTENT & FORMAT, MUST BE INCLUDED IN ENVELOPE 1 - QUALIFICATIONS)

Company Name (include Subcontractor if used) \_\_\_\_\_

Role on this project (General Contractor or Subcontractor) \_\_\_\_\_

Title of Project: \_\_\_\_\_

Name and Location of Work: \_\_\_\_\_

Municipality and Province: \_\_\_\_\_

Description of Work: \_\_\_\_\_  
\_\_\_\_\_

Final Completion Date: \_\_\_\_\_

Volume Cut/Placed Stone (m3): \_\_\_\_\_

Final Value of all Work: \_\_\_\_\_

Contact Name of Project Client: \_\_\_\_\_

Client E-mail address & Telephone: \_\_\_\_\_

**This is to certify that the Bidder acted as the Contractor who managed and executed the project referenced above. Please be advised PWGSC reserves the right to contact the person named above to verify the information contained herein.**

\_\_\_\_\_  
Name (printed)

\_\_\_\_\_  
Signature

**QUALIFICATIONS FORMS Cont'd**

**FORM No. 1B – Bidder's Experience – Previous Stone Masonry Construction Project**

**Project Two**

(THIS FORM OR A COPY IDENTICAL IN CONTENT & FORMAT, MUST BE INCLUDED IN ENVELOPE 1 - QUALIFICATIONS)

Company Name (include Subcontractor if used) \_\_\_\_\_

Role on this project (General Contractor or Subcontractor) \_\_\_\_\_

Title of Project Two: \_\_\_\_\_

Name and Location of Work: \_\_\_\_\_

Municipality and Province: \_\_\_\_\_

Description of Work: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Final Completion Date: \_\_\_\_\_

Volume Cut/Placed Stone (m3): \_\_\_\_\_

Final Value of all Work: \_\_\_\_\_

Contact Name of Project Client: \_\_\_\_\_

Client E-mail address & Telephone: \_\_\_\_\_

**This is to certify that the Bidder acted as the Contractor who managed and executed the project referenced above. Please be advised PWGSC reserves the right to contact the person named above to verify the information contained herein.**

\_\_\_\_\_  
Name (printed)

\_\_\_\_\_  
Signature

**QUALIFICATIONS FORMS Cont'd**

**FORM No. 2 – Bidder's Experience – Pressure Grouting in Masonry Projects**

(THIS FORM OR A COPY IDENTICAL IN CONTENT & FORMAT, MUST BE INCLUDED IN ENVELOPE 1 - QUALIFICATIONS)

Company Name (include Subcontractor if used) \_\_\_\_\_

Role on this project (General Contractor or Subcontractor) \_\_\_\_\_

Title of Project: \_\_\_\_\_

Name and Location of Work: \_\_\_\_\_

Municipality and Province: \_\_\_\_\_

Description of Work: \_\_\_\_\_

Final Completion Date: \_\_\_\_\_

Final Value of Pressure Grouting Work: \_\_\_\_\_

Name of Project Engineer: \_\_\_\_\_

Contact Name of Project Client: \_\_\_\_\_

Client E-mail address & Telephone: \_\_\_\_\_

**This is to certify that the Bidder acted as the Contractor who managed and executed the project referenced above. Please be advised PWGSC reserves the right to contact the person named above to verify the information contained herein.**

\_\_\_\_\_  
Name (printed)

\_\_\_\_\_  
Signature

**QUALIFICATIONS FORMS Cont'd**

**FORM No. 3 – Bidder's Experience – General Concrete Work Construction Project**

(THIS FORM OR A COPY IDENTICAL IN CONTENT & FORMAT, MUST BE INCLUDED IN ENVELOPE 1 - QUALIFICATIONS)

Company Name (include Subcontractor if used) \_\_\_\_\_

Role on this project (General Contractor or Subcontractor) \_\_\_\_\_

Title of Project: \_\_\_\_\_

Name and Location of Work: \_\_\_\_\_

Municipality and Province: \_\_\_\_\_

Description of Work: \_\_\_\_\_  
\_\_\_\_\_

Final Completion Date: \_\_\_\_\_

Final Value of Concrete Work: \_\_\_\_\_

Name of Project Engineer: \_\_\_\_\_

Contact Name of Project Client: \_\_\_\_\_

Client E-mail address & Telephone: \_\_\_\_\_

**This is to certify that the Bidder acted as the Contractor who managed and executed the project referenced above. Please be advised PWGSC reserves the right to contact the person named above to verify the information contained herein.**

\_\_\_\_\_  
Name (printed)

\_\_\_\_\_  
Signature

**QUALIFICATIONS FORMS Cont'd**

**FORM No. 4A - Project Manager's Experience – Previous Construction Project #1**

(THIS FORM OR A COPY IDENTICAL IN CONTENT & FORMAT, MUST BE INCLUDED IN  
ENVELOPE 1 - QUALIFICATIONS)

Name of Project Manager: \_\_\_\_\_

Years of Experience in managing /  
overseeing masonry/construction projects \_\_\_\_\_

Title of Project: \_\_\_\_\_

Name and Location of Work: \_\_\_\_\_

Municipality and Province: \_\_\_\_\_

Description of Work: \_\_\_\_\_

Construction Years/ Final Completion  
Date: \_\_\_\_\_

Final Value of Work: \_\_\_\_\_

Contact Name of Project Client: \_\_\_\_\_

Client E-mail address & Telephone: \_\_\_\_\_

Project Manager's C.V. also required with submission.

**This is to certify that the Project Manager named above will act as project manager for this project. Please be advised PWGSC reserves the right to contact the person named above to verify the information contained herein.**

\_\_\_\_\_  
Name (printed)

\_\_\_\_\_  
Signature

**QUALIFICATIONS FORMS Cont'd**

**FORM No. 4B - Project Manager's Experience – Previous Construction Project #2**

(THIS FORM OR A COPY IDENTICAL IN CONTENT & FORMAT, MUST BE INCLUDED IN ENVELOPE 1 - QUALIFICATIONS)

Name of Project Manager: \_\_\_\_\_

Years of Experience in managing /  
overseeing masonry/construction projects \_\_\_\_\_

Title of Project: \_\_\_\_\_

Name and Location of Work: \_\_\_\_\_

Municipality and Province: \_\_\_\_\_

Description of Work: \_\_\_\_\_

Construction Years/ Final Completion  
Date: \_\_\_\_\_

Final Value of Work: \_\_\_\_\_

Contact Name of Project Client: \_\_\_\_\_

Client E-mail address & Telephone: \_\_\_\_\_

Project Manager's C.V. also required with submission.

**This is to certify that the Project Manager named above will act as project manager for this project. Please be advised PWGSC reserves the right to contact the person named above to verify the information contained herein.**

\_\_\_\_\_  
Name (printed)

\_\_\_\_\_  
Signature

**QUALIFICATIONS FORMS Cont'd**

**FORM No. 5A - Site Superintendent's Experience – Previous Construction Project #1**

(THIS FORM OR A COPY IDENTICAL IN CONTENT & FORMAT, MUST BE INCLUDED IN ENVELOPE 1 - QUALIFICATIONS)

Name of Site Superintendent: \_\_\_\_\_

Years of Experience overseeing Masonry  
Projects \_\_\_\_\_

Title of Project: \_\_\_\_\_

Name and Location of Work: \_\_\_\_\_

Municipality and Province: \_\_\_\_\_

Description of Work: \_\_\_\_\_

Construction Years/ Final Completion  
Date: \_\_\_\_\_

Final Value of all Work: \_\_\_\_\_

Contact Name of Project Client: \_\_\_\_\_

Client E-mail address & Telephone: \_\_\_\_\_

Site Superintendent's C.V. also required with submission.

**This is to certify that the site superintendent named above will act as site superintendent for this project. Please be advised PWGSC reserves the right to contact the person named above to verify the information contained herein.**

\_\_\_\_\_  
Name (printed)

\_\_\_\_\_  
Signature

**QUALIFICATIONS FORMS Cont'd**

**FORM No. 5B - Site Superintendent's Experience – Previous Construction Project #2**

(THIS FORM OR A COPY IDENTICAL IN CONTENT & FORMAT, MUST BE INCLUDED IN ENVELOPE 1 - QUALIFICATIONS)

Name of Site Superintendent: \_\_\_\_\_

Years of Experience overseeing Masonry  
Projects \_\_\_\_\_

Title of Project: \_\_\_\_\_

Name and Location of Work: \_\_\_\_\_

Municipality and Province: \_\_\_\_\_

Description of Work: \_\_\_\_\_

Construction Years/ Final Completion  
Date: \_\_\_\_\_

Final Value of all Work: \_\_\_\_\_

Contact Name of Project Client: \_\_\_\_\_

Client E-mail address & Telephone: \_\_\_\_\_

Site Superintendent's C.V. also required with submission.

**This is to certify that the site superintendent named above will act as site superintendent for this project. Please be advised PWGSC reserves the right to contact the person named above to verify the information contained herein.**

\_\_\_\_\_  
Name (printed)

\_\_\_\_\_  
Signature

**QUALIFICATIONS FORMS Cont'd**

**FORM No. 6A – Heritage Stone Masonry Lead's Experience – Previous Masonry Project #1**

(THIS FORM OR A COPY IDENTICAL IN CONTENT & FORMAT, MUST BE INCLUDED IN ENVELOPE 1 - QUALIFICATIONS)

Name of Heritage Stone Masonry Lead: \_\_\_\_\_

Years of Experience overseeing Masonry Projects: \_\_\_\_\_

Title of Project: \_\_\_\_\_

Name and Location of Work: \_\_\_\_\_

Municipality and Province: \_\_\_\_\_

Description of Work: \_\_\_\_\_

Construction Years/ Final Completion Date: \_\_\_\_\_

Final Value of all Work: \_\_\_\_\_

Contact Name of Project Client: \_\_\_\_\_

Client E-mail address & Telephone: \_\_\_\_\_

Heritage Stone Masonry Lead C.V. also required with submission.

**This is to certify that the Heritage Stone Masonry Lead named above will act as the Heritage Stone Masonry Lead for this project. Please be advised PWGSC reserves the right to contact the person above to verify the information contained herein.**

\_\_\_\_\_  
Name (printed)

\_\_\_\_\_  
Signature

**QUALIFICATIONS FORMS Cont'd**

**FORM No. 6B – Heritage Stone Masonry Lead's Experience – Previous Masonry Project #2**

(THIS FORM OR A COPY IDENTICAL IN CONTENT & FORMAT, MUST BE INCLUDED IN ENVELOPE 1 - QUALIFICATIONS)

Name of Heritage Stone Masonry Lead: \_\_\_\_\_

Years of Experience overseeing Masonry  
Projects: \_\_\_\_\_

Title of Project: \_\_\_\_\_

Name and Location of Work: \_\_\_\_\_

Municipality and Province: \_\_\_\_\_

Description of Work: \_\_\_\_\_

Construction Years/ Final Completion  
Date: \_\_\_\_\_

Final Value of all Work: \_\_\_\_\_

Contact Name of Project Client: \_\_\_\_\_

Client E-mail address & Telephone: \_\_\_\_\_

Heritage Stone Masonry Lead C.V. also required with submission.

**This is to certify that the Heritage Stone Masonry Lead named above will act as the Heritage Stone Masonry Lead for this project. Please be advised PWGSC reserves the right to contact the person above to verify the information contained herein.**

\_\_\_\_\_  
Name (printed)

\_\_\_\_\_  
Signature

## QUALIFICATIONS FORMS Cont'd

### FORM No. 7 – Bidder's Certification of the Technical Support Team

(THIS FORM OR A COPY IDENTICAL IN CONTENT & FORMAT, MUST BE INCLUDED IN ENVELOPE 1 - QUALIFICATIONS)

The Bidder hereby certifies that they will have a Technical Support Team to assist them with the project.

The Technical Support Team:

1. Has experience in the design and monitoring and protection existing structure and temporary works including but not limited to: pre condition surveys, heritage stone masonry techniques and methodology; stability assessments; shoring systems at excavations and other in-water dewatering systems; coffer dam design and installation; environmental controls (including erosion, sediment, dust, and noise and water diversion systems.); and
2. Has a minimum, but not limited to, the following key personnel:
  - i. Civil/structural Engineer;
  - ii. Environmental specialist;
  - iii. Qualified Surveyor;
  - iv. Sufficient experienced heritage stone masons dedicated to this project;
  - v. Heavy Civil Specialist/Engineer
  - vi. Commercial divers; and
  - vii. Health and safety specialist.
  - viii. Cofferdam and Dewatering
3. Engineers on the Bidders Support Team to be licensed to practice in the province of Ontario
4. The Technical Support Team will be available for the entire duration of the construction period

\_\_\_\_\_  
Name (printed)

\_\_\_\_\_  
Signature

**QUALIFICATIONS FORMS Cont'd**

**FORM No. 8A – Bidder's Information**

(THIS FORM OR A COPY IDENTICAL IN CONTENT & FORMAT, MUST BE INCLUDED IN  
ENVELOPE 1 - QUALIFICATIONS)

Company Name: \_\_\_\_\_

Full Address: \_\_\_\_\_

\_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Title: \_\_\_\_\_

Firm's Main Field of Activity: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Name (printed)

\_\_\_\_\_  
Signature

**QUALIFICATIONS FORMS Cont'd**

**FORM No. 8B – Masonry Subcontractor Information**

(THIS FORM OR A COPY IDENTICAL IN CONTENT & FORMAT, MUST BE INCLUDED IN  
ENVELOPE 1 - QUALIFICATIONS)

*This is to confirm that the General Contractor will  or will not  be doing the masonry work themselves for the project. If the masonry work is being done by the General Contractor, the remainder of this form, apart from the signature below, is to be left blank*

Company Name: \_\_\_\_\_

Full Address: \_\_\_\_\_

\_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Title: \_\_\_\_\_

Firm's Main Field of Activity: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Name (printed)

\_\_\_\_\_  
Signature

**QUALIFICATIONS FORMS Cont'd**

**FORM No. 8C – Pressure Grouting Subcontractor Information**

(THIS FORM OR A COPY IDENTICAL IN CONTENT & FORMAT, MUST BE INCLUDED IN  
ENVELOPE 1 - QUALIFICATIONS)

*This is to confirm that the General Contractor will  or will not  be doing the Cofferdam and Temporary Dewatering work themselves for the project. If the Cofferdam and Temporary Dewatering work is being done by the General Contractor, the remainder of this form apart from the signature below, is to be left blank*

Company Name: \_\_\_\_\_

Full Address: \_\_\_\_\_

\_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Title: \_\_\_\_\_

Firm's Main Field of Activity: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Name (printed)

\_\_\_\_\_  
Signature

**QUALIFICATIONS FORMS Cont'd**

**FORM No. 8D – General Concrete Work Subcontractor Information**

(THIS FORM OR A COPY IDENTICAL IN CONTENT & FORMAT, MUST BE INCLUDED IN  
ENVELOPE 1 - QUALIFICATIONS)

*This is to confirm that the General Contractor will  or will not  be doing the Heavy Civil work themselves for the project.  
If the Heavy Civil work is being done by the General Contractor, the remainder of this form apart from the signature below,  
is to be left blank*

Company Name: \_\_\_\_\_

Full Address: \_\_\_\_\_

\_\_\_\_\_

Telephone Number: \_\_\_\_\_

Fax Number: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Title: \_\_\_\_\_

Firm's Main Field of Activity: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Name (printed)

\_\_\_\_\_  
Signature

**ANNEX A - CERTIFICATE OF INSURANCE (Not required at solicitation closing)**

**CERTIFICATE OF INSURANCE**



Description and Location of Work	Contract No.
	Project No.

Name of Insurer, Broker or Agent	Address (No., Street)	City	Province	Postal Code
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Name of Insured (Contractor)	Address (No., Street)	City	Province	Postal Code
------------------------------	-----------------------	------	----------	-------------

Additional Insured  
***Her Majesty the Queen in Right of Canada as represented by the Minister of Public Works and Government Services***

Type of Insurance	Insurer Name and Policy Number	Inception Date D / M / Y	Expiry Date D / M / Y	Limits of Liability		
				Per Occurrence	Annual General Aggregate	Completed Operations Aggregate
<b>Commercial General Liability</b>				\$	\$	\$
<b>Umbrella/Excess Liability</b>				\$	\$	\$
<b>Builder's Risk / Installation Floater</b>				\$		
<b>Pollution Liability</b>				\$ <input type="checkbox"/> Per Incident <input type="checkbox"/> Per Occurrence		Aggregate \$
<b>Insert other type of insurance as required</b>				\$		

I certify that the above policies were issued by insurers in the course of their Insurance business in Canada, are currently in force and include the applicable insurance coverage's stated on page 2 of this Certificate of Insurance, including advance notice of cancellation / reduction in coverage.

\_\_\_\_\_

Name of person authorized to sign on behalf of Insurer(s) (Officer, Agent, Broker)

\_\_\_\_\_

Telephone number

Signature

\_\_\_\_\_

Date D / M / Y

General  
The insurance policies required on page 1 of the Certificate of Insurance must be in force and must include the insurance coverage listed under the corresponding type of insurance on this page.

The policies must insure the Contractor and must include Her Majesty the Queen in Right of Canada as represented by the Minister of Public Works and Government Services as an additional Insured.

The Policy shall be endorsed to provide the Owner with not less than 30 days' notice in writing in advance of any cancellation or change or amendment restricting coverage.

Without increasing the limit of liability, the policies must protect all insured parties to the full extent of coverage provided. Further, the policies must apply to each Insured in the same manner and to the same extent as if a separate policy had been issued to each.

#### Commercial General Liability

The insurance coverage provided must not be substantially less than that provided by the latest edition of IBC Form 2100.

The policy must either include or be endorsed to include coverage for the following exposures or hazards if the Work is subject thereto:

- (a) Blasting.
- (b) Pile driving and caisson work.
- (c) Underpinning.
- (d) Removal or weakening of support of any structure or land whether such support be natural or otherwise if the work is performed by the insured contractor.

The policy must have the following minimum limits:

- (a) **\$5,000,000** Each Occurrence Limit;
- (b) **\$10,000,000** General Aggregate Limit per policy year if the policy contains a General Aggregate; and
- (c) **\$5,000,000** Products/Completed Operations Aggregate Limit.

Umbrella or excess liability insurance may be used to achieve the required limits.

#### Builder's Risk / Installation Floater

The insurance coverage provided must not be less than that provided by the latest edition of IBC Forms 4042 and 4047.

The policy must permit use and occupancy of any of the projects, or any part thereof, where such use and occupancy is for the purposes for which a project is intended upon completion.

The policy may exclude or be endorsed to exclude coverage for loss or damage caused by asbestos, fungi or spores, cyber and terrorism.

The policy must have a limit that is **not less than the sum of the contract value** plus the declared value (if any) set forth in the contract documents of all material and equipment supplied by Canada at the site of the project to be incorporated into and form part of the finished Work. If the value of the Work is changed, the policy must be changed to reflect the revised contract value.

The policy must provide that the proceeds thereof are payable to Canada or as Canada may direct in accordance with GC10.2, "Insurance Proceeds" (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/R/R2900D/2>).

#### Contractors Pollution Liability

The policy must have a limit usual for a contract of this nature, but not less than **\$1,000,000** per incident or occurrence and in the aggregate.

#### Aviation Liability

The insurance coverage shall include Bodily Injury (including passenger Bodily Injury) and Property Damage, in an amount of not less than **\$5,000,000** per incident or occurrence and in the aggregate.

#### Marine Liability

The insurance coverage must be provided by a Protection & Indemnity (P&I) insurance policy and must include excess collision liability and pollution liability.

The insurance must be placed with a member of the International Group of Protection & Indemnity Associations or with a fixed market in an amount of not less than the limits determined by the *Marine Liability Act*, S.C. 2001, c. 6. Coverage must include crew liability, if it is not covered by the statutory requirements of the Territory or Province having jurisdiction over such employees.

The policy must waive all rights of subrogation against Canada as represented by Public Works and Government Services Canada for any and all loss of or damage to the watercraft however caused.

#### Other types of Insurance

To be inserted below according to specifics of project.

**Use separate page if needed.**



Solicitation No. - N° de l'invitation  
EQ754-190657

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur  
PWL030

Client Ref. No. - N° de réf. du client  
R.079796.009

File No. - N° du dossier

CCC No./N° CCC - FMS No./N° VME  
pwl-8-41029

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**SEE BUY AND SELL WEBSITE FOR THE FOLLOWING ATTACHMENTS:**

ANNEX "C" REFERENCE DOCUMENT – BASIC IMPACT ANALYSIS

ANNEX "D" ENVIROMENTAL STANDARDS AND GUIDELINES

ANNEX "E" GEOTECHNICAL REPORT

ANNEX "F" SPECIFIC DESIGNATED SUBSTANCES AND HAZARDOUS MATERIALS SURVEY

**THE FOLLOWING MUST BE REQUESTED FROM THE CONTRACTING OFFICER:**

ANNEX "G" VIDEO (CD)