



## 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> Replace Swing & Fixed Bridges	
<b>Solicitation No. - N° de l'invitation</b> EQ754-191150/A	<b>Date</b> 2018-08-09
<b>Client Reference No. - N° de référence du client</b> R.073593.001	<b>GETS Ref. No. - N° de réf. de SEAG</b> PW-\$PWL-012-2391
<b>File No. - N° de dossier</b> PWL-8-41054 (012)	<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 2018-09-20</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 type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Caporusso, Mary	<b>Buyer Id - Id de l'acheteur</b> pwl012
<b>Telephone No. - N° de téléphone</b> (416) 512-5859 ( )	<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> Trent Severn Waterway Hamlet, Ontario X1X 1X1 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

### Hamlet Swing and Fixed Bridges (Bridge 57 & 58) Replacement Hamlet, Ontario

#### IMPORTANT NOTICE TO BIDDERS

##### TWO-ENVELOPE BID

This Bid shall be submitted following a "two-envelope" procedure. Refer to SI05 of the Special Instructions 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/divulgarion-disclosure/psdic-ppci-eng.html>

##### 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 <https://www.tpsgc-pwgsc.gc.ca/biens-property/ami-asb/amiante-asbestos-eng.html>

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

The following sections of clause R2710T are set out in 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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Solicitation No. - N° de l'invitation  
EQ754-191150/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur  
pwl012

Client Ref. No. - N° de réf. du client  
R.073593.001

File No. - N° du dossier  
PWL-8-41054

CCC No./N° CCC - FMS No./N° VME

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**APPENDIX 1 COMBINED PRICE FORM**  
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## **SPECIAL INSTRUCTIONS TO BIDDERS (SI)**

### **SI01 INTRODUCTION**

1. Public Works and Government Services Canada (PWGSC) intends to retain a Contractor to provide construction services for the project as set out in this Invitation to tender (ITT).
2. Bidders responding to this ITT are requested to submit a full and complete quotation refer to SI05 'Submission of Bid'.

### **SI02 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>

### **SI03 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 or at e-mail address [mary.caporusso@pwgsc-tpsgc.gc.ca](mailto:mary.caporusso@pwgsc-tpsgc.gc.ca) as early as possible within the solicitation period. Except for the approval of alternative materials as described in GI15 of R2710T, enquiries should be received no later than five 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, the Contracting Authority will examine the content of the enquiry and shall 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.

### **SI04 OPTIONAL SITE VISIT**

There will be an optional site visit on 6 September 2018 at 11:00 a.m. Interested bidders are to meet at the operator house located on the west side of the swing bridge, 1641 Muskoka District Road 49, Hamlet, Ontario.

Bidders are requested to register with the Contracting Authority, Mary Caporusso by email, [mary.caporusso@pwgsc-tpsgc.gc.ca](mailto:mary.caporusso@pwgsc-tpsgc.gc.ca) to confirm attendance and provide the name(s) who will attend. Bidders who do not attend will not be precluded from submitting a bid.

#### **Safety Attire**

In order to be guaranteed access to the site all persons should have the proper personal protection equipment (safety glasses, footwear, vests and hard hats etc.). Contractor's personnel/individuals who do not have the proper safety attire may be denied access to the site.

Any clarifications or changes to the bid solicitation resulting from the site visit will be included as an amendment to the bid solicitation.

## **SI05 SUBMISSION OF BID**

Section GI09 of R2710T is replaced by the following:

1. The bid shall be submitted following a "two-envelope" procedure both envelopes shall be enclosed and sealed together in a third envelope, the bid envelope. All envelopes are to be provided by the Bidder.
2. The bid envelope shall be addressed and submitted to the office designated on the Front Page "Invitation to Tender" for the receipt of the bids. The bid must be received on or before the date and time set for solicitation closing. The Bidder shall ensure that the following information is clearly printed or typed on the face of the bid envelope:
  - a. Solicitation Number;
  - b. Name of Bidder;
  - c. Return address; and
  - d. Closing Date and Time.
3. The Qualifications Form, Bid Security, and any required associated document(s), shall be enclosed and sealed in an envelope with the following information clearly printed or typed on the face of the envelope:
  - a. ENVELOPE 1 - QUALIFICATIONS;
  - b. Solicitation Number; and
  - c. Name of Bidder.
4. The Bid and Acceptance Form (BA), shall be enclosed and sealed in an envelope with the following information clearly printed or typed on the face of the envelope:
  - a. ENVELOPE 2 - PRICE;
  - b. Solicitation Number; and
  - c. Name of Bidder.
5. Timely and correct delivery of bids is the sole responsibility of the Bidder.

## **SI06 REVISION OF BID**

Paragraphs 1 and 3 of GI10 of R2710T are replaced by the following;

A bid submitted in accordance with these instructions may be revised by physically delivering a new price envelope, provided the revision is received at the office designated for the receipt of bids on or before the date and time set for the closing of the solicitation. It shall be enclosed and sealed in an envelope with the following information clearly printed or typed on the face of the envelope:

- a. REVISED ENVELOPE 1- QUALIFICATION and/or REVISED ENVELOPE 2 – PRICE,
- b. Solicitation Number, and
- c. Name of Bidder

## **SI07 OPENING OF BIDS / EVALUATION**

1. There will be no public opening at bid deposit time.
2. Envelope 1 - Qualifications - will be opened privately. This envelope will be opened first to evaluate the submittal requirements. Requirements will be evaluated on a Pass or Fail basis. Failure to meet any or all of the mandatory requirement(s) will render the bid non-compliant and no other consideration will be given to the bid. Envelope 2 will be returned to the bidder.
3. Envelope 2 Price - Submittals will be evaluated against the mandatory requirements, failure to comply with any or all of the mandatory requirement(s) will render the bid non-compliant and no other consideration will be given to the bid.
4. The responsive bid carrying the lowest price will be recommended for contract award.
5. Bid results may be obtained from the Contracting Authority named on the cover page of the Invitation to tender following completed evaluation.

## **SI08 COMPLETION OF SUBMISSION**

The Bidder shall base the Bid on the applicable bid documents listed in the Special Instructions to Bidders. It is the responsibility of the Bidder to obtain clarification on any terms, conditions or technical requirements contained in this document.

## **SI09 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.

## **SI10 DEBRIEFINGS**

After contract award, bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within fifteen (15) working days of receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

## **SI11 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 shall 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.

## **SI12 CONSTRUCTION DOCUMENTS**

The successful Contractor will be provided with one electronic copy of the sealed and signed drawings, the specifications and the amendments upon acceptance of the offer. Additional copies, up to a maximum (2), will be provided free of charge upon request by the Contractor. Obtaining more copies will be the responsibility of the Contractor including costs.



## SI13 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 PWGSC-TPSGC 506)

<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/506.pdf>

Standard Acquisition Clauses and Conditions (SACC) Manual

<http://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>

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## 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	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. Any amendment issued or any allowable bid revision received before the date and time set for solicitation closing;
  - f. Any amendment incorporated by mutual agreement between Canada and the Contractor before acceptance of the bid; and acceptance of the bid; and
  - g. 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/5/R>
3. The language of the contract documents is the language of the Bid and Acceptance Form submitted.

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## **SUPPLEMENTARY CONDITIONS (SC)**

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

There is no 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.

### SC03 VALUE ADDED PROPOSALS (VAP)

PWGSC may accept "value added proposals" (VAPs) from the Contractor after award of contract through the duration of the contract (as specified in the Bid and Acceptance of the tender document).

The intent of the VAP is to improve the project by leveraging the successful contractor's knowledge and experience to take into consideration Environmental Factors and Related Cost Elements of the work.

PWGSC will review VAPs to assess the viability of construction and scheduling methodologies that adhere to the project objectives, constraints and VAP guidelines.

#### 1. VAP Guidelines

These guidelines apply to cost reduction and value added proposals initiated and developed by the Contractor for proposed improvements to schedule, drawings, designs, specifications, materials or other requirements of this Contract. Proposals must be submitted in writing. This clause does not apply to any such proposal unless it is identified by the Contractor at the time of its submission to the Contracting Officer as a proposal submitted pursuant to this VAP clause.

Submission of VAPs will be accepted throughout the life of the contract. Ideally, the successful contractor will identify Value Added items early and submit immediately after award to ensure the schedule identified within the contract is met or reduced.

PSPC will provide a response to the VAP within 7 working days and the VAP timeline is included in the master plan. The contractor shall consider delays for approvals by other government departments or agencies having jurisdiction.

#### 2. VAP Scope

The VAP's contemplated are those that would necessitate an amendment to the existing contractual terms and conditions.

In general VAPs shall be considered for improvements to the following:

1. Schedule: advance the completion date of the primary works or reduce overall construction completion date;
2. Project cost:  
Result in savings to Canada by providing:
  - i. a decrease in the cost of this Contract, without impairing any of the essential functions and characteristics such as service life, reliability, economy of operation, ease of maintenance, and necessary standardized features, while maintaining the specified quality; or
  - ii. a net reduction in the cost of government-furnished property, operations, maintenances, or other areas which exceed any increased acquisition cost, without impairing any of the essential functions, characteristic and code compliance;
3. Environmental Impacts:  
Refer to Basic Impact Analysis provided during bid posting and as identified in Environmental Management Plan to be provided by Contractor:
  - a. operation costs,
  - b. indirect costs,
  - c. investing up front to save costs later,
  - d. Recyclability: Through the transformation and sale of products containing recycled materials and waste materials such as concrete, steel, brick, etc. that can be diverted from landfill;
  - e. Environmental Disposal Arrangements
    - i. Onsite waste management all waste be source separated on site and recycled,
    - ii. Use of certified haulers/sites.
  - f. Energy and Resource Efficiency

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4. Safety: Improvement of safety in future use of the asset, feature or operation and maintenance.
  5. Quality: Meeting or exceeding the requirement of client/owners through conformity with which specifications.
  6. Constructability: Review construction processes from start to finish during pre-construction phase. Identify obstacles before a project is actually built to reduce or prevent errors, delays, and cost overruns.
  7. Innovation: Using new or innovative technologies to improve project characteristics or end goals which have a net value for Canada by improving schedule, budget, scope or quality.

### 3. Project Constraints

VAP's must be compliant with the following constraints:

- 1) Works shall not interfere with 2018 PCA Navigation season. Work affecting navigation shall not occur until October 8, 2018.
- 2) In-water work shall not occur between March 15, 2019 and July 16, 2019.
- 3) Work must be completed by July 26, 2019

### 4. Value Added Proposal Submissions

Any VAP must include the information outlined below in the Value Added Proposed Submittal Documentation and submitted in accordance with Submittal Instructions.

If a VAP is accepted and provides the expected results, the Contractor will be eligible to receive a financial incentive for the accepted VAP (i.e. a share percentage of the savings, or; an incentive percentage mark up on direct costs, or; an incentive percentage mark up for demonstrated results) at the sole discretion of Canada. Costs are to be calculated in accordance with "Allowable Costs for Contract Changes Under General Conditions (GC) 6.4" of the contract.

### 5. Value Added Proposal Submittal Documentation

The following information shall be submitted by the General Contractor with each VAP at no additional cost to Canada:

- 1) A description of the difference between the existing contract/requirement and the proposed improvement; the comparative advantages or disadvantages of each, including justification of why an item is being altered; the effect of the change on the performance of the end product; and any pertinent objective test data.
- 2) An itemization of the requirements of the change order if the proposal is adopted and a recommendation as to how to make each change (e.g., a suggested revision).
- 3) Cost Benefit Analysis - A detailed estimate of the reduction and/or increase that will result from adoption of the proposal, taking into account the costs of development and implementation by the Contractor. Include any amounts attributable to subcontracts in accordance with GC 6.4.1 "Allowable Costs for Contract Changes Under General Conditions (GC) 6.4.1" and the basis for the estimate.
- 4) A prediction of any effects the proposed change would have on costs to the Crown and ongoing cost of maintenance and operations.
- 5) An estimate of the date by which a change order adopting the proposal must be issued so as to obtain the maximum benefit, together with estimates of benefits if VAP approval is delayed beyond the maximum benefit date, or number of days the proposal is valid, noting any effect on the order completion time or delivery schedule.
- 6) Suggestions as to the incentive that may be available to the Contractor from the proposed VAP (i.e. a share percentage of the savings, or; an incentive percentage mark up on direct costs, or; an incentive percentage mark up for demonstrated results).

## 5. Value Added Proposals Submittal Procedures

### General Contractor Requirements:

The General Contractor submits a detailed description of the VAP complete with project impacts and schedule to the Departmental Representative and the prime Consultant for consideration. The VAP submission is to be supported by detailed drawings where necessary, as well as a firm price (including detailed breakdown of all labour, material and equipment costs associated with the proposal).

### Departmental Representative Requirements:

- 1) Contractor may submit VAPs to the Departmental Representative after award of contract through the completion of the contract. As per the contract "time is of the essence" and as such proposals should be submitted as soon as possible after award.
- 2) Contractor will not proceed with work proposed in VAP until directed to by the Project Manager in writing.
- 3) In addition to the VAP submittal documentation required, the submission shall include:
  - a. Date and revision dates,
  - b. Project title and number,
  - c. Name and address of subcontractor, manufacturer, and supplier,
  - d. Contractor stamp, signed by the Contractor's authorized representative certifying approval of submission, verification of VAP content, and compliance with SC 04 clause and Contract Documents.
- 4) Allow 7 working days for Departmental Representative's review of each submission. VAP will be reviewed in consultation with the owner/client department and project consultant.
- 5) Makes changes to VAP submission as agreed upon with Departmental Representative.

Acceptance of any VAP to be at the sole discretion of Canada.

## BID AND ACCEPTANCE FORM (BA)

### BA01 IDENTIFICATION

Project No. R.073593.001

Title: Hamlet Swing and Fixed Bridges (Bridge 57 & 58) Replacement  
Hamlet, Ontario

### 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 60 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 perform and complete the Work by the 26 July 2019 from the date of notification of acceptance of the offer.

### BA07 BID SECURITY

The Bidder must enclose bid security with its bid in accordance with GI08 - 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.

<b>LUMP SUM AMOUNT (LSA)</b> 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 of Measurement	Estimated Quantity (EQ)	Price per Unit applicable tax(es) extra (PU)	Extended amount (EQ x PU) applicable tax(es) extra
1	31 23 33.01	Common Excavation other than for Bridge structure	m <sup>3</sup>	170		
2	32 12 16	Asphalt Type Hot Mix Asphalt HDBC	tonne	150		
3	32 12 16	Asphalt Type Hot Mix Asphalt HL1	tonne	190		
4	32 12 13.16	Asphalt Tack Coat	m <sup>2</sup>	1300		
5	32 11 18	Supply, Place and Compact Granular A	tonne	200		
6	32 11 19	Supply, Place and Compact Granular B Type II	tonne	600		
7	32 91 19.13	Top Soil Placement and Grading	m <sup>3</sup>	100		
8	32 92 23	Supply and Place Sod	m <sup>2</sup>	300		
9	31 32 19.01	Supply and Place Geotextiles	m <sup>2</sup>	100		
10	31 22 33.01	Compaction of Subgrade	m <sup>2</sup>	1100		
11	32 12 16	Parking Lot	m <sup>2</sup>	150		
<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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## APPENDIX 3 - LISTING OF SUBCONTRACTORS

- 1) In accordance 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		

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## 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 on page 2 of 2.

If you accept fill out and sign page 2 of 2

*\* The journeyman-apprentice ratio is defined as the number of qualified/certified journeymen 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.*

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**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 B.*

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 - QUALIFICATION FORMS MANDATORY QUALIFICATIONS AND SUBMISSIONS**

### **1. Bidder's Experience – Bridge Construction**

Each bidder must provide with their bid a certification that they have completed a minimum of two (2) new bridge or major bridge rehabilitation projects in the last ten (10) years, each with a contract value of at least \$3,000,000 not including taxes. At least one (1) of the projects must have included new construction or major rehabilitation of a moveable bridge.

Bidders must complete a project form for each of the two (2) bridge projects using the forms included herein or a reproduction that includes all the information contained therein. These forms must be included as part of the bid submission in "Envelope One - QUALIFICATIONS."

Form No. 1a – New or Major Rehabilitation Bridge Project  
Form No. 1b – New or Major Rehabilitation Bridge Project

### **2. Bidder's Experience – Structural Steel Fabrication**

Each bidder must provide with their bid a certification that they (or their sub-contractor) have fabricated a minimum of three (3) steel bridges in the last ten (10) years meeting the following requirements:

- At least one (1) of the three bridge projects shall include fabrication of a steel truss bridge;
- At least one of the bridge projects shall include steel fabrication for a new moveable bridge;
- The remaining bridge project shall include steel fabrication with a total quantity of at least 200 tonnes of structural steel.

Bidders must provide a project form for each of the three (3) projects using the forms included herein or a reproduction that includes all the information contained therein. These forms must be included as part of the bid submission in "Envelope One - QUALIFICATIONS."

Form No. 2a – Structural Steel Fabrication – Steel Truss Bridge  
Form No. 2b – Structural Steel Fabrication – New Moveable Bridge  
Form No. 2c – Structural Steel Fabrication – Total quantity of at least 200 tonnes of structural steel

### **3. Bidder's Experience – Mechanical and Hydraulic Work**

Each bidder must provide with their bid a certification that they (or their sub-contractor) have completed a minimum of two (2) mechanical and hydraulic installation, repair, retrofit, or rehabilitation projects in the last ten (10) years, each with a contract value for the mechanical and hydraulic scope of work of at least \$500,000 not including taxes.

Bidders must provide a project form for each of the two (2) projects using the forms included herein or a reproduction that includes all the information contained therein. These forms must be included as part of the bid submission in "Envelope One - QUALIFICATIONS."

Form No. 3a – Mechanical and Hydraulic Work  
Form No. 3b – Mechanical and Hydraulic Work

4. Bidder's Experience – Electrical Work and Controls for Moveable Bridges

Each bidder must provide with their bid a certification that they (or their sub-contractor) have completed a minimum of two (2) electrical and controls installation, repair, retrofit, or rehabilitation projects for moveable bridges in the last ten (10) years.

Bidders must provide a project form for each of the two (2) projects using the forms included herein or a reproduction that includes all the information contained therein. These forms must be included as part of the bid submission in "Envelope One - QUALIFICATIONS."

Form No. 4a – Electrical Work  
Form No. 4b – Electrical Work

5. Bidder's Experience – Moveable Bridge Specialist Structural Engineer

Each bidder must provide with their bid a certification that they will retain the services of a Moveable Bridge Specialist Structural Engineer. Requirements for the Contractor's Moveable Bridge Specialist Structural Engineer are defined throughout the Contract Documents. The Moveable Bridge Specialist Structural Engineer shall be registered (or eligible for registration) as a Professional Engineer in the Province of Ontario. The Contractor's Moveable Bridge Specialist Structural Engineer must have a minimum of ten (10) years' bridge design experience that includes a minimum of three (3) years moveable bridge design experience and experience as the lead structural engineer for the design and contract administration of at least one (1) moveable bridge project consisting of new construction or a major rehabilitation with a construction value of at least \$1,000,000 not including taxes.

Bidders must provide a project form identifying their Moveable Bridge Specialist Structural Engineer and provide a copy of their Moveable Bridge Specialist Structural Engineer's professional resume. This form and resume (maximum one page) must be included as part of the bid submission in "Envelope One - QUALIFICATIONS."

Form No. 5a – Moveable Bridge Specialist Structural Engineer

6. Bidder's Experience – Moveable Bridge Specialist Mechanical Engineer

Each bidder must provide with their bid a certification that they will retain the services of a Moveable Bridge Specialist Mechanical Engineer. Requirements for the Contractor's Moveable Bridge Specialist Mechanical Engineer are defined throughout the Contract Documents. The Moveable Bridge Specialist Mechanical Engineer shall be registered (or eligible for registration) as a Professional Engineer in the Province of Ontario. The Contractor's Moveable Bridge Specialist Mechanical Engineer must have a minimum of ten (10) years' design experience that includes a minimum of three (3) years mechanical design experience for moveable bridges and experience as the lead mechanical engineer for the design and contract administration of at least one (1) moveable bridge project consisting of new construction or a major rehabilitation with a construction value of at least \$1,000,000 not including taxes.

Bidders must provide a project form identifying their Moveable Bridge Specialist Mechanical Engineer and provide a copy of their Moveable Bridge Specialist Mechanical Engineer's professional resume. This form and resume (maximum one page) must be included as part of the bid submission in "Envelope One - QUALIFICATIONS."

Form No. 6a – Moveable Bridge Specialist Mechanical Engineer

7. Bidder's Experience – Moveable Bridge Specialist Hydraulics Engineer

Each bidder must provide with their bid a certification that they will retain the services of a Moveable Bridge Specialist Hydraulics Engineer. Requirements for the Contractor's Moveable Bridge Specialist Hydraulics Engineer are defined throughout the Contract Documents. The Moveable Bridge Specialist Hydraulics Engineer shall be registered (or eligible for registration) as a Professional Engineer in the Province of Ontario. The Contractor's Moveable Bridge Specialist Hydraulics Engineer must have a minimum of ten (10) years' design experience that includes a minimum of three (3) years hydraulic design experience for moveable bridges and experience as the lead hydraulics engineer for the design and contract administration of at least one (1) moveable bridge project consisting of new construction or a major rehabilitation with a construction value of at least \$1,000,000 not including taxes.

Bidders must provide a project form identifying their Moveable Bridge Specialist Hydraulics Engineer and provide a copy of their Moveable Bridge Specialist Hydraulics Engineer's professional resume. This form and resume (maximum one page) must be included as part of the bid submission in "Envelope One - QUALIFICATIONS."

Form No. 7a – Moveable Bridge Specialist Hydraulics Engineer

8. Bidder's Experience – Moveable Bridge Specialist Electrical Engineer

Each bidder must provide with their bid a certification that they will retain the services of a Moveable Bridge Specialist Electrical Engineer. Requirements for the Contractor's Moveable Bridge Specialist Electrical Engineer are defined throughout the Contract Documents. The Moveable Bridge Specialist Electrical Engineer shall be registered (or eligible for registration) as a Professional Engineer in the Province of Ontario. The Contractor's Moveable Bridge Specialist Electrical Engineer must have a minimum of ten (10) years' design experience that includes a minimum of three (3) years electrical design experience for moveable bridges and experience as the lead electrical engineer for the design and contract administration of at least one (1) moveable bridge project consisting of new construction or a major rehabilitation with a construction value of at least \$1,000,000 not including taxes.

Bidders must provide a project form identifying their Moveable Bridge Specialist Electrical Engineer and provide a copy of their Moveable Bridge Specialist Electrical Engineer's professional resume. This form and resume (maximum one page) must be included as part of the bid submission in "Envelope One - QUALIFICATIONS."

Form No. 8a – Moveable Bridge Specialist Electrical Engineer

9. Bidder's Experience – Environmental Specialist

Each bidder must provide with their bid a certification that they will retain the services of an Environmental Specialist. Requirements for the Contractor's Environmental Specialist are defined throughout the Contract Documents. The Environmental Specialist shall either be registered (or eligible for registration) as a Professional Engineer in the Province of Ontario or an Environmental Scientist. The Contractor's Environmental Specialist must have a minimum of ten (10) years of experience in aquatic biology, species at risk, environmental assessments and, in developing and monitoring environmental protection measures for construction sites around or near water.

Bidders must provide a project form identifying their Environmental Specialist and provide a copy of their Environmental Specialist professional resume. This form and resume (maximum one page) must be included as part of the bid submission in "Envelope One - QUALIFICATIONS."

Form No. 9a – Environmental Specialist



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## APPENDIX 5 - QUALIFICATIONS FORM

### FORM No. 1a Bidder's Experience – New or Major Rehabilitation Bridge Project

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

Bidder's Name: \_\_\_\_\_

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

Name and Location of Bridge: \_\_\_\_\_

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

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

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

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

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

Client Telephone: \_\_\_\_\_

Client Email Address: \_\_\_\_\_

*This is to certify that we acted as the contractor who completed the project referenced above.*

\_\_\_\_\_  
*Bidder's Signature*

\_\_\_\_\_  
*Print Name*

*Please be advised PSPC reserves the right to contact the person named above to verify the information contained herein.*

---

## APPENDIX 5 - QUALIFICATIONS FORM

### FORM No. 1b

### Bidder's Experience – New or Major Rehabilitation Bridge Project

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

Bidder's Name: \_\_\_\_\_

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

Name and Location of Bridge: \_\_\_\_\_

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

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

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

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

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

Client Telephone: \_\_\_\_\_

Client Email Address: \_\_\_\_\_

*This is to certify that we acted as the contractor who completed the project referenced above.*

\_\_\_\_\_  
*Bidder's Signature*

\_\_\_\_\_  
*Print Name*

*Please be advised PSPC reserves the right to contact the person named above to verify the information contained herein.*

---

## APPENDIX 5 - QUALIFICATIONS FORM

### FORM No. 2a

### Bidder's Experience – Structural Steel Fabrication –Steel Truss Bridge

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

Steel Fabricator's Name: \_\_\_\_\_

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

Name and Location of Bridge: \_\_\_\_\_

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

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

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

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

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

Client Telephone: \_\_\_\_\_

Client Email Address: \_\_\_\_\_

*This is to certify that we acted as the contractor who completed the project referenced above.*

\_\_\_\_\_  
*Bidder's Signature*

\_\_\_\_\_  
*Print Name*

*Please be advised PSPC reserves the right to contact the person named above to verify the information contained herein.*

---

## APPENDIX 5 - QUALIFICATIONS FORM

### FORM No. 2b

### Bidder's Experience – Structural Steel Fabrication – New Moveable Bridge

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

Steel Fabricator's Name: \_\_\_\_\_

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

Name and Location of Bridge: \_\_\_\_\_

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

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

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

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

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

Client Telephone: \_\_\_\_\_

Client Email Address: \_\_\_\_\_

*This is to certify that we acted as the contractor who completed the project referenced above.*

\_\_\_\_\_  
*Bidder's Signature*

\_\_\_\_\_  
*Print Name*

*Please be advised PSPC reserves the right to contact the person named above to verify the information contained herein.*

## APPENDIX 5 - QUALIFICATIONS FORM

### FORM No. 2c

### Bidder's Experience – Structural Steel Fabrication – Total quantity of at least 200 tonnes of structural steel

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

Steel Fabricator's Name: \_\_\_\_\_

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

Name and Location of Bridge: \_\_\_\_\_

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

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

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

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

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

Client Telephone: \_\_\_\_\_

Client Email Address: \_\_\_\_\_

*This is to certify that we acted as the contractor who completed the project referenced above.*

\_\_\_\_\_  
*Bidder's Signature*

\_\_\_\_\_  
*Print Name*

*Please be advised PSPC reserves the right to contact the person named above to verify the information contained herein.*

---

## APPENDIX 5 - QUALIFICATIONS FORM

### FORM No. 3a Bidder's Experience – Mechanical and Hydraulic Work

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

Mechanical/Hydraulic Contractor's Name: \_\_\_\_\_

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

Name and Location of Project: \_\_\_\_\_

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

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

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

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

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

Client Telephone: \_\_\_\_\_

Client Email Address: \_\_\_\_\_

*This is to certify that we acted as the contractor who completed the project referenced above.*

\_\_\_\_\_  
*Bidder's Signature*

\_\_\_\_\_  
*Print Name*

*Please be advised PSPC reserves the right to contact the person named above to verify the information contained herein.*

---

## APPENDIX 5 - QUALIFICATIONS FORM

### FORM No. 3b Bidder's Experience – Mechanical and Hydraulic Work

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

Mechanical/Hydraulic Contractor's Name: \_\_\_\_\_

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

Name and Location of Bridge: \_\_\_\_\_

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

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

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

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

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

Client Telephone: \_\_\_\_\_

Client Email Address: \_\_\_\_\_

*This is to certify that we acted as the contractor who completed the project referenced above.*

\_\_\_\_\_  
*Bidder's Signature*

\_\_\_\_\_  
*Print Name*

*Please be advised PSPC reserves the right to contact the person named above to verify the information contained herein.*

---

## APPENDIX 5 - QUALIFICATIONS FORM

### FORM No. 4a Bidder's Experience – Electrical Work

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

Electrical Contractor's Name: \_\_\_\_\_

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

Name and Location of Bridge: \_\_\_\_\_

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

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

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

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

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

Client Telephone: \_\_\_\_\_

Client Email Address: \_\_\_\_\_

*This is to certify that we acted as the contractor who completed the project referenced above.*

\_\_\_\_\_  
*Bidder's Signature*

\_\_\_\_\_  
*Print Name*

*Please be advised PSPC reserves the right to contact the person named above to verify the information contained herein.*



---

## APPENDIX 5 - QUALIFICATIONS FORM

### FORM No. 4b Bidder's Experience – Electrical Work

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

Electrical Contractor's Name: \_\_\_\_\_

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

Name and Location of Bridge: \_\_\_\_\_

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

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

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

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

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

Client Telephone: \_\_\_\_\_

Client Email Address: \_\_\_\_\_

*This is to certify that we acted as the contractor who completed the project referenced above.*

\_\_\_\_\_  
*Bidder's Signature*

\_\_\_\_\_  
*Print Name*

*Please be advised PSPC reserves the right to contact the person named above to verify the information contained herein.*

## APPENDIX 5 - QUALIFICATIONS FORM

### FORM No. 5a

### Bidder's Experience – Moveable Bridge Specialist Structural Engineer

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

Name of Specialist Structural Engineer: \_\_\_\_\_

PEO License Number:  
(if not licensed by PEO then the resume  
shall demonstrate required experience to  
gain licensure by PEO) \_\_\_\_\_

Name of Moveable Bridge in with the  
Specialist Engineer was the structural  
design lead: \_\_\_\_\_

Location of Moveable Bridge: \_\_\_\_\_

Description of Moveable Bridge: \_\_\_\_\_

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

Final Construction Value: \_\_\_\_\_

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

Client Telephone: \_\_\_\_\_

Client Email Address: \_\_\_\_\_

*This is to certify that we acted as the contractor who completed the project referenced above.*

\_\_\_\_\_  
*Bidder's Signature*

\_\_\_\_\_  
*Print Name*

*Please be advised PSPC reserves the right to contact the person named above to verify the information contained herein.*

## APPENDIX 5 - QUALIFICATIONS FORM

### FORM No. 6a

### Bidder's Experience – Moveable Bridge Specialist Mechanical Engineer

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

Name of Specialist Mechanical Engineer: \_\_\_\_\_

PEO License Number:  
(if not licensed by PEO then the resume  
shall demonstrate required experience to  
gain licensure by PEO) \_\_\_\_\_

Name of Moveable Bridge in with the  
Specialist Engineer was the mechanical  
design lead: \_\_\_\_\_

Location of Moveable Bridge: \_\_\_\_\_

Description of Moveable Bridge: \_\_\_\_\_

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

Final Construction Value: \_\_\_\_\_

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

Client Telephone: \_\_\_\_\_

Client Email Address: \_\_\_\_\_

*This is to certify that we acted as the contractor who completed the project referenced above.*

\_\_\_\_\_  
*Bidder's Signature*

\_\_\_\_\_  
*Print Name*

*Please be advised PSPC reserves the right to contact the person named above to verify the information contained herein.*

## APPENDIX 5 - QUALIFICATIONS FORM

### FORM No. 7a

### Bidder's Experience – Moveable Bridge Specialist Hydraulics Engineer

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

Name of Specialist Hydraulics Engineer: \_\_\_\_\_

PEO License Number:  
(if not licensed by PEO then the resume  
shall demonstrate required experience to  
gain licensure by PEO) \_\_\_\_\_

Name of Moveable Bridge in with the  
Specialist Engineer was the hydraulics  
design lead: \_\_\_\_\_

Location of Moveable Bridge: \_\_\_\_\_

Description of Moveable Bridge: \_\_\_\_\_

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

Final Construction Value: \_\_\_\_\_

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

Client Telephone: \_\_\_\_\_

Client Email Address: \_\_\_\_\_

*This is to certify that we acted as the contractor who completed the project referenced above.*

\_\_\_\_\_  
*Bidder's Signature*

\_\_\_\_\_  
*Print Name*

*Please be advised PSPC reserves the right to contact the person named above to verify the information contained herein.*

## APPENDIX 5 - QUALIFICATIONS FORM

### FORM No. 8a

### Bidder's Experience – Moveable Bridge Specialist Electrical Engineer

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

Name of Specialist Electrical Engineer: \_\_\_\_\_

PEO License Number:  
(if not licensed by PEO then the resume  
shall demonstrate required experience to  
gain licensure by PEO) \_\_\_\_\_

Name of Moveable Bridge in with the  
Specialist Engineer was the electrical  
design lead: \_\_\_\_\_

Location of Moveable Bridge: \_\_\_\_\_

Description of Moveable Bridge: \_\_\_\_\_

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

Final Construction Value: \_\_\_\_\_

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

Client Telephone: \_\_\_\_\_

Client Email Address: \_\_\_\_\_

*This is to certify that we acted as the contractor who completed the project referenced above.*

\_\_\_\_\_  
*Bidder's Signature*

\_\_\_\_\_  
*Print Name*

*Please be advised PSPC reserves the right to contact the person named above to verify the information contained herein.*

## APPENDIX 5 - QUALIFICATIONS FORM

### FORM No. 9a

### Bidder's Experience – Environmental Specialist

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

Name of Environmental Specialist: \_\_\_\_\_

License Number:  
(if not licensed then the resume shall  
demonstrate required experience to gain  
licensure) \_\_\_\_\_

Name of Construction Project: \_\_\_\_\_

Location of Construction Project: \_\_\_\_\_

Description of Construction Project: \_\_\_\_\_

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

Final Construction Value: \_\_\_\_\_

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

Client Telephone: \_\_\_\_\_

Client Email Address: \_\_\_\_\_

*This is to certify that we acted as the contractor who completed the project referenced above.*

\_\_\_\_\_  
*Bidder's Signature*

\_\_\_\_\_  
*Print Name*

*Please be advised PSPC reserves the right to contact the person named above to verify the information contained herein.*

**ANNEX A - CERTIFICATE OF INSURANCE** (Not required at solicitation closing)**Page 1 of 2**Travaux publics et  
Services gouvernementaux  
CanadaPublic Works and  
Government Services  
Canada

Description and Location of Work  Hamlet Swing and Fixed Bridges (Bridge 57 & 58) Replacement Hamlet, Ontario	Contract No. EQ754-191150
	Project No. R.073593.001

Name of Insurer, Broker or Agent	Address (No., Street)	City	Province	Postal Code
Name of Insured (Contractor)	Address (No., Street)	City	Province	Postal Code
Additional Insured  <i>Her Majesty the Queen in Right of Canada as represented by the Minister of Public Works and Government Services</i>				

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

<div></div> Name of person authorized to sign on behalf of Insurer(s) (Officer, Agent, Broker)	<div></div> Telephone number
<div></div> Signature	<div></div> Date D / M / Y

CERTIFICATE OF INSURANCE Page 2 of 2

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 day 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.

**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.



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**ANNEX B - VOLUNTARY REPORT FOR APPRENTICES EMPLOYED DURING THE CONTRACT  
(Sample)**

*(This report is not required at bid deposit)*

The Contractor should compile and maintain records on the number of apprentices and their trade that were hired to work on the contract.

The Contractor should provide this data in accordance with the format below. If no apprentices were hired during the contract period, the Contractor should still provide a "nil" report.

The data should be submitted six months after the Contract award or at the end of the Contract, whichever comes first to the Contracting Authority.

Number of apprentices hired	Trade