



**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

**SOLICITATION AMENDMENT  
MODIFICATION DE L'INVITATION**

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

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

**Comments - Commentaires**

Address inquiries to the Contracting Authority at  
karen.wonglau@pwgsc.gc.ca

**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> Hogs Back Fixed Bridge & Dam Rehab	
<b>Solicitation No. - N° de l'invitation</b> EQ754-172991/A	<b>Amendment No. - N° modif.</b> 002
<b>Client Reference No. - N° de référence du client</b> R.079166.001	<b>Date</b> 2017-04-12
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$PWL-023-2276	
<b>File No. - N° de dossier</b> PWL-6-39167 (023)	<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 2017-04-27</b>	<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Standard Time EST
<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> Lau, Karen	<b>Buyer Id - Id de l'acheteur</b> pwl023
<b>Telephone No. - N° de téléphone</b> (416) 512-5297 ( )	<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> Hogs Back Fixed Bridge & Dam Hogs Back Road Rideau Canal, Southern Sector Ottawa, ON	

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>

### **Amendment No. 002**

This amendment is being raised to:

- 1) provide responses to Requests for Clarification.
- 2) incorporate changes to the following sections of the Request for Proposal (RFP):
  - i) Project Brief (PB), Project Requirements (PR) 4 Scope of Work, 4.1.1;
  - ii) Project Brief (PB), Project Requirements (PR) 4 Scope of Work, 4.1.3.5.8);
  - iii) SRE3 Submissions Requirements and Evaluation- 3.1 Mandatory Requirement -  
3.1.2 Consultant Team Identification
  - iv) SRE3 Submissions Requirements and Evaluation- 3.2 Rated Requirements-  
3.2.2 Achievements of Senior Team Leaders to be Assigned to this Project
  - v) Appendix A –Team Identification Format – Revision 1

#### **1) REQUESTS FOR CLARIFICATION**

- Q1. In Section SRE 3.2.3, the RFP requires only the two structural bridge engineers and the two structural dam engineers be included in the proposal text. However, Appendix A – Team Identification Format also includes two mechanical engineers, two electrical/controls engineers and a cost consultant.

Please clarify which personnel are expected to be included in the proposal section “Achievements of Engineering Team Members”.

- A1. Please see below Revisions to the RFP – Appendix A –Team Identification Format – Revision 2; and SRE3 Submissions Requirements and Evaluation- 3.1 Mandatory Requirement – 3.1.2 Consultant Team Identification.

Proponents shall provide two Structural Bridge Engineer Team Members, two Structural Dam Engineer Team Members, one Electrical Team Member and one Cost Consultant Team Member for Engineering Team Members under SRE3 Submissions Requirements and Evaluation- 3.1 Mandatory Requirement - 3.1.2 Consultant Team Identification.

Only two Structural Bridge Engineer Team Members and two Structural Dam Engineer Team Members will be evaluated under SRE 3.2.3 Achievements of Engineering Team Members to be Assigned to this Project.

#### **2) REVISIONS TO THE RFP**

- i) Project Brief (PB), Project Requirements (PR) 4 Scope of Work, 4.1,1;

Delete: in its entirety

Insert:

#### 4.1 Hogs Back Fixed Bridge and Dam

1. The goal is to coordinate the rehabilitation of the combined structures within specific site constraints and to minimize impact to the discharge capacity of the dam by evaluating options and recommending solutions including:

- .1 Removal of the existing bridge superstructure and replacement with new members
- .2 Removal of the existing dam deck and replacement with new members
- .3 Rehabilitation of the substructure to accommodate construction of the new bridge superstructure and minimize impact to the existing discharge capacity
- .4 Repairs and maintenance works to dam components
  - a. Localized concrete repairs to pier
  - b. Repainting of all steel dam components including gates; gains; mechanical housing and railings.
- .5 Repairs to East Upstream retaining wall and pedestrian tunnels
- .6 Street lighting and ducted services accommodation requirements

ii) Project Brief (PB), Project Requirements (PR) 4 Scope of Work,

4.1 Hogs Back Fixed Bridge and Dam, 3. 5. 8)

Delete: in its entirety

Insert:

8) scope to include inspection of the following components of the bridge and dam: bridge superstructure and substructure; dam deck and piers; dam sill (Easterly sluice only).

Also included are concrete stairways and pedestrian railings; sidewalks; tunnels and East wall upstream of dam.

iii) SRE 3- Submission Requirements and Evaluations – 3.1 Mandatory Requirement –

3.1.2 Consultant Team Identification

Delete: in its entirety

Insert:

#### 3.1.2 Consultant Team Identification

a) The Consultant Team to be identified with the purposes of the evaluation must include the following:

- i. Consultant (Proponent): Structural Engineering Consultant
  - In-house Senior Team Leaders:
    - Project Manager
    - Structural Bridge Engineer
    - Structural Dam Engineer
    - Electrical Engineer (In-house)
    - Cost Consultant (In-house)
    - Landscape Consultant ( in-house)
  - In-house Engineering Team Members:
    - (2) Structural Bridge Engineer Team Members
    - (2) Structural Dam Engineer Team Members
    - Electrical Team Member
    - Cost Consultant Team Member

- 
- ii. Electrical Engineer Sub-Consultant Firm (if required to substitute for in-house Senior Team Leaders and Engineering Team Members)
    - Senior Team Leader:
      - Electrical Engineer (Sub-Consultant)
    - Engineering Team Members:
      - Electrical Engineers (Sub-Consultant)
  - iii. Cost Sub-Consultant Firm (if required to substitute for in-house Senior Team Leaders and Engineering Team Member)
    - Senior Team Leader:
      - Cost Consultant (Sub-Consultant)
    - Engineering Team Members:
      - Cost Consultant (Sub-Consultant)
  - iv. Landscape Consultant Firm (if required to substitute for in-house Senior Team Leaders )
    - Senior Team Leader:
      - Landscape Consultant (Sub-Consultant)
- b) Information required:
- i. Name of Proponent, and name of Sub-Consultants, if used.
  - ii. Copy of Proponents Certificate of Authorization issued by Professional Engineers of Ontario. If the Certificate is not provided with the proposal, it must be provided within two (2) days of request from the Contracting Authority.
  - iii. Names and roles of key personnel to be assigned to the project per Section a) above.
  - iv. For the Senior Team Leaders and Engineering Team Members indicate current professional license status and affiliation, and/or how you intend to meet the Ontario professional licensing requirements.
  - v. In the case of a joint venture identify the existing or proposed legal form of the joint venture (refer to R1410T General Instructions to Proponents, G19 Limitation of Submissions).
  - c) The Project Manager must have a minimum 10 years of experience managing projects of equivalent scope and depth on fast-track schedules.
  - d) The Structural Bridge Engineer, the Structural Dam Engineer, the Electrical Engineer who as Senior Team Leaders will supervise and lead each discipline must be a senior Engineer with a minimum 10 years of experience in bridge and dam inspection, analysis, design, and construction projects.
  - e) Engineering Team Members are to have a minimum of 5 years of relevant experience.
  - f) The format for submission of the Team Identification information is provided in Appendix A.
  - g) Additional information listed in paragraphs above to be provided on separate sheets under Appendix A.

iv) SRE3 Submissions Requirements and Evaluation- 3.2 Rated Requirements-

3.2.2 Achievements of Senior Team Leaders to be Assigned to this Project

Delete: in its entirety

Insert:

**3.2.2 Achievements of Senior Team Leaders to be Assigned to this Project**

- 
- a) Describe the experience and performance of Senior Team Leaders to be assigned to this project regardless of their past association with the current Proponent or sub-consultant firm.
- b) This is the opportunity to emphasize their strengths and expertise directly related to bridges or dams, to recognize their past responsibilities and achievements.
- c) Provide information for each of the following Senior Team Leaders:
- i. Project Manager
  - ii. Structural Bridge Engineer
  - iii. Structural Dam Engineer
  - iv. Electrical Engineer
  - v. Cost Consultant
  - vi. Landscape Consultant
  - vii. Only identify Senior Team Leaders who will be carrying out the engineering or management work on this project.
- d) **Information that should be supplied for each Senior Team Leader:**
- i. Relevant bridge or dam experience and expertise,
  - ii. Number of years of relevant experience,
  - iii. Role, responsibility and details of involvement of the individual in relevant past projects.
- Higher consideration may be given for relevant experience with the National Capital Commission and City of Ottawa projects.

v) APPENDIX A – TEAM IDENTIFICATION FORMAT – Revision 1

Delete: in its entirety

Insert: APPENDIX A –TEAM IDENTIFICATION FORMAT – Revision 2

All other terms and conditions of the solicitation remain the same.

Solicitation No. - N° du contrat

EQ754-172991/A

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

R.079166.001

Amd. No. - N° de la modif.

002

File No. - N° du dossier

PWL-6-39167

Buyer ID - Id de l'acheteur

pwl023

CCC No./N° CCC - FMS No./N° VME

---

## APPENDIX A – TEAM IDENTIFICATION FORMAT – Revision 2

For details on this format, please see SRE in the Request For Proposal.

The prime Consultant and other members of the Consultant Team shall be, or eligible to be, licensed, certified or otherwise authorized to provide the necessary professional services to the full extent that may be required by provincial or territorial law.

Fill in all spaces provided on the form.

### I. Prime Consultant (Proponent) – Structural Engineer:

Firm or Joint Venture Name: .....  
.....  
.....

Key Individuals and provincial professional licensing status and/or professional accreditation:

#### Senior Team Leaders:

Project Manager: .....  
Structural Bridge Engineer: .....  
Structural Dam Engineer: .....  
Electrical Engineer: .....  
Cost Consultant: .....  
Landscape Consultant: .....  
.....

#### Engineering Team Members:

Structural Bridge Engineer: .....  
Structural Bridge Engineer: .....  
Structural Dam Engineer: .....  
Structural Dam Engineer: .....  
Electrical Engineer: .....  
Cost Consultant: .....  
.....

## APPENDIX A - TEAM IDENTIFICATION FORMAT – Revision 2 (CONT'D)

### II. Key Sub Consultants/Specialists (if not listed under Consultant):

Key Individuals and provincial professional licensing status and/or professional accreditation:

#### Senior Team Leaders:

Electrical Engineer:

.....

Cost Consultant:

.....

Landscape Consultant

.....

#### Engineering Team Members:

Electrical Engineer:

.....

Cost Consultant:

.....

#### Resident Site Representative:

Although an individual does not need to be identified at this time, note that the Resident Site Representative shall be a qualified Civil Engineering Technologist or Engineer; have a minimum of five (5) years of recent pertinent experience in providing Resident Inspection Services during construction on projects involving assets similar to the one covered in this Project.

Additional Information to be provided:

- i. Name of Proponent, and name of sub-consultants, if used.
- ii. Copy of Proponents Certificate of Authorization issued by Professional Engineers Ontario. If the Certificate is not provided with the proposal, it must be provided within two (2) days of request from the Contracting Authority
- iii. Names and roles of key personnel to be assigned to the project per Section i) above.
- iv. For the Senior Team Leaders and Engineering Team Members indicate current professional license status and affiliation, and/or how you intend to meet the Ontario professional licensing requirements.