

## APPENDIX 4 - QUALIFICATION FORMS

### Form A- Achievements of Construction General Contractor on Projects

(RC1 - Achievements of Construction General Contractor on Projects)

Prime Contractor Project #1 Information- Moveable Bridge Replacement or Rehabilitation Project					
Project Name:					
Total Value of Project (minimum \$2 M excluding tax)					
Location (Street Address, City, Province):					
Prime Contractor? (Mandatory) <input type="checkbox"/> Yes <input type="checkbox"/> No			Parks Canada Site? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Start Date		Original Completion Date		Actual Completion Date	
Reason contract completed later (if applicable):					
<p>Select all that apply to this project:</p> <p><input type="checkbox"/> Heavy Civil Excavation</p> <p><input type="checkbox"/> Mass concrete (reinforced elements of 1.0 m or more thick) construction</p> <p><input type="checkbox"/> Cold weather concrete work (cast-in place concrete requiring temporary insulation and heating)</p> <p><input type="checkbox"/> Structural Steel Superstructure Erection (can include structures fully assembled in shop)</p> <p><input type="checkbox"/> Structural Steel Bridge Painting</p> <p><input type="checkbox"/> Electrical Systems, Distribution wiring and Controls installation</p> <p><input type="checkbox"/> Operable bridge systems commissioning including both mechanical and electrical components. Preferably swing bridge components where bridge balancing was required.</p> <p><input type="checkbox"/> Hydraulic systems including Hydraulic Power Unit (HPU) and Mechanical Systems installation</p>					
Project description and relevance to this project:					
<p><u>Client Reference Information</u></p>					
Client Organization Name:					
Client Name:					
Client Position:					





## Form B- Achievements of Contractor's Project Manager

(RC2 - Achievements of Contractor's Project Manager)

<b>Project Manager's Name:</b>	
<b>Experience as a Project Manager: (minimum 10 years)</b>	
<b>Describe any training, certifications and/or education received:</b>	

Project #1 Information – Moveable Bridge Project					
<b>Project Name:</b>					
<b>Client:</b>					
<b>Total Value of Project (minimum \$2M excluding tax)</b>					
<b>Location (Street Address, City, Province):</b>					
<b>Start Date</b>		<b>Original Completion Date</b>		<b>Actual Completion Date</b>	
<b>Reason contract completed later (if applicable):</b>					
<b>Project description and relevance to this project:</b>					

Project #2 Information – Bridge Project					
<b>Project Name:</b>					
<b>Client:</b>					
<b>Total Value of Project (minimum \$2M excluding tax)</b>					
<b>Location (Street Address, City, Province):</b>					
<b>Start Date</b>		<b>Original Completion Date</b>		<b>Actual Completion Date</b>	
<b>Reason contract completed later (if applicable):</b>					
<b>Project description and relevance to this project:</b>					

## Form C- Achievements of Contractor's Site Superintendent

(RC3 - Achievements of Contractor's Site Superintendent)

<b>Site Superintendent's Name:</b>	
<b>Experience as a Site Superintendent: (minimum 10 years)</b>	
<b>Describe any training, certifications and/or education received:</b>	

Site Superintendent Project #1 Information – Moveable Bridge Project					
<b>Project Name:</b>					
<b>Client:</b>					
<b>Total Value of Project (minimum \$2M excluding tax)</b>					
<b>Location (Street Address, City, Province):</b>					
<b>Start Date</b>		<b>Original Completion Date</b>		<b>Actual Completion Date</b>	
<b>Reason contract completed later (if applicable):</b>					
<b>Select all that apply to this project:</b>					
<input type="checkbox"/> Heavy Civil Excavation					
<input type="checkbox"/> Mass concrete (reinforced elements of 1.0 m or more thick) construction					
<input type="checkbox"/> Cold weather concrete work (cast-in place concrete requiring temporary insulation and heating)					
<input type="checkbox"/> Structural Steel Superstructure Erection (can include structures fully assembled in shop)					
<input type="checkbox"/> Structural Steel Bridge Painting					
<input type="checkbox"/> Electrical Systems, Distribution wiring and Controls installation					
<input type="checkbox"/> Operable bridge systems commissioning including both mechanical and electrical components. Preferably swing bridge components where bridge balancing was required.					
<input type="checkbox"/> Hydraulic systems including Hydraulic Power Unit (HPU) and Mechanical Systems installation					
<b>Project description and relevance to this project:</b>					

**Site Superintendent Project #2 Information –  
Project that Required In-Water Work****Project Name:****Client:****Total Value of Project In-Water Work  
(excluding tax)****Location (Street Address, City, Province):****Start Date****Original  
Completion  
Date****Actual  
Completion  
Date****Reason contract completed later (if applicable):****Describe the in-water work that was completed:****Project description and relevance to this project:**

## **Form D- Understanding the Project and Contractor Capability**

*(RC4 - Understanding of the Project and Contractor Capability)*

### **Contractor Capability**

**Provide a description of the contractor's workforce, sub-contractors and equipment that will be used to implement the work. What portions of work will be completed by your own forces and what stages of work will sub-trades be relied upon?**

### **Work Plan**

**Describe the breakdown of work tasks and deliverables for this project.**

**How do you propose to erect the bridge and phase the erection to the overall work plan?**

### **Methodology**

**What techniques, tools and equipment will be used to ensure a high quality installation?**

**What experiences do you have with replicating heritage assets and how will this help you with this project? How will you ensure that the heritage detailing of the bridge will be replicated?**

**Describe the process, controls and techniques on bridge fabrication that you intend to use to fabricate the bridge.**

**What methods will be used for transporting, hoisting, rigging and erecting the bridge with the current site challenges and restrictions?**

**What methods, technologies and equipment will be used for layout and control? How will these measures ensure the newly fabricated bridge can be installed and will operate with minimal need for adjustment?**

**Explain what methods and techniques will be used for the balancing and commissioning of the bridge and any past experiences that have prepared you to be successful in this project.**

**How do you plan on accomplishing all of the specified concrete work within the contract timeline in a reliable, safe and environmentally sound manner?**



**Risk Management**

Describe means for mitigating risks to the contract schedule and budget when faced with challenges encountered during the work (may include but not limited to - Water levels and flow, winter conditions, roadway and bridge crossings load limitations such as year round half loads north of the bridge, safety and security, environmental protection, bridge fabrication, materials and lead times).

**Project Schedule**

Attach a schedule in GANNT chart format outlining all key activities and milestones including estimated activity durations.

Briefly describe how the Construction General Contractor will sequence construction activities identifying major goals/milestones and opportunities and how these will be addressed with reference to GANNT chart.

What measures will you implement to ensure the projects stays on schedule?

What would you do if it became evident that you were not going to complete the contract work within the stipulated contract time?

## **Form E- Waste Management and Green House Gas (GHG) Reduction Measures**

*(RC5 Waste Management and Green House Gas (GHG) Reduction Measures)*

### **Waste Management and Green House Gas (GHG) Reduction Measures**

**What sustainability practices does your company currently have in place to track/reduce waste and GHG emissions?**

**How will waste reduction be achieved including the use of materials and techniques used for this project?  
How are GHGs being reduced including the use of electric tools and equipment, travel, and sourcing of materials?**

**Please indicate the extent of effort sustainability measures have been included in your proposal and bid price and if any further efforts can be made.**