

# Addendum 2

Date : November 6<sup>th</sup> 2015

Parks Canada  
V/REF. : CLAC-IIF-899-1510-PPSD  
Project : REHABILITATION OF THE ATWATER PEDESTRIAN BRIDGE – 2015-2016 WORKS

**This Addendum is part of the Contract Documents and shall be read together with the tender documents.**

**This addendum contains the following sections:**

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## 1. QUESTIONS AND ANSWERS

### 1.1 Question No.1

« Can you clearly define the Parks Canada property zone surrounding the Atwater Pedestrian Bridge? »

#### Answer

The Parks Canada property zone surrounding the Atwater Pedestrian Bridge is shown in Appendix 1 of the present Addendum.

### 1.2 Question No.2

« What is the requested type of paint for the part that we are re-painting? It is indicated « as indicated in plans » but nothing is indicated in the plans. »

#### Answer

The type of paint to be applied is indicated in detail in the notes in plan S-01/06 under the construction steel specifications. The paint color is specified in section 09971 – Painting of civil engineering steel structure surfaces of the technical specifications: Part 2 - Products.

### 1.3 Question No.3

« The bridge bearings must be designed and sized to meet the load, movement and space requirements. What are the load, movement and space requirements? »

#### Answer

The bridge bearings (« PMCG 500 » Goodco Z-Tech type or approved equivalent) must comply with the technical specifications described in Section 05123 - Structural steel for bridges of the technical specifications. Regarding the movement requirements, the installed devices must be able to undergo a reduction of 27 mm and an elongation of 13 mm.

### 1.4 Question No.4

« We are currently working on the Paid Items Table but some of the given quantities do not correspond such as Item 4.6 where we have 180 studs instead of 150 and Item 4.7, where we have 400 kg of reinforcement instead of 1 200 kg, for the abutments and backwalls. Please clarify. »

#### Answer

The quantity of dowels indicated in the Paid Items Table remains unchanged. Regarding Item 4,7 - Galvanized reinforcement, the quantity has been corrected (See section 3 – Modification to the Paid Items Table of the present Addendum). It is important to note that all of the reinforcement indicated in plan S-06/6 is included in Item 4,7 - Galvanized reinforcement, and this includes the bars anchored to the existing concrete. Item 4.6 – Dowels, includes the deck dowels between phase 1 and phase 2 works as well as the dowels between the new and the existing approach spans (See plan S-04/6).

### 1.5 Question No.5

« Plan S04, in the notes, you mention to install the bearings prior to the concreting of the base of the abutments but there are no base at the abutments, only at the piers. Please clarify. »

#### Answer

In regards to the abutments, it is required that the bearings be positioned before proceeding with the concreting of the new abutment.

### 1.6 Question No.6

« Steel reinforcement bar provider tells us that the quantities indicated in the Paid Items Table are not correct. Can you please confirm? »

#### Answer

Refer to the answer of question No.4 of the present Addendum.

### 1.7 Question No.7

« It is required to use type XIV-R concrete for the bases in regards to the works at the piers. Since the quantities required are minimal, is it possible to use type XIV-S concrete instead (Type XIV-R bagged concrete)? »

#### Answer

The use of type XIV-S concrete is acceptable for the bases in regards to the works at the piers. The Contractor remains responsible for providing the required certificates for this type of concrete as stipulated in the technical specifications.

### 1.8 Question No.8

Please provide additional explanations regarding pay item 2.3 –HSS 178 x 178 crossbeam reinforcement

#### Answer

To answer this question, we are replacing the pay item 2.3 description found in section 01290 of the specifications by the following :

**The HSS178 x 178 crossbeam reinforcement is measured for payment by linear meter of HSS 178 x 127 installed on both sides of the existing elements as shown on drawings.**

**The tendered unit price shall include, with no limitations, supply of the required documents, materials supply, fabrication, surface preparation, welding works and quality control, handling, transportaiton, and any other incidental expenses.**

## 2. MODIFICATION TO THE TECHNICAL SPECIFICATIONS

### *Modification to section 01110 « Summary of works »*

- Article 1.3 «Works covered by the contract documents» is MODIFIED and **REPLACED** by :

Single contract: the work covered by the present contract relate to the rehabilitation of the deck and the bearings of the Atwater Pedestrian Bridge, located on the Lachine Canal in Montreal. The work shall be completed in two (2) distinct phases.

- The first phase, from **February 1st 2016** to **March 11th 2016** inclusively, comprise the following works :
  - Installation of a temporary support system;
  - **Installation of a heated shelter for carrying out the work, including painting and concreting;**
  - Demolition of the deck slab of the pedestrian bridge (The existing cycle lane separators and guardrails are to be removed, conserved and reinstalled as existing after construction work);
  - Reinforcement of HSS 178x178 crossbeams at both ends of phase I;
  - Cleaning and painting **of all the** existing steel elements **composing the pedestrian bridge**, including the bearings at the two (2) piers;
  - Implementation of the new deck (metallic false decking, drains, concrete, reinforcement steel, trusses and angles with studs);
  - All activities incidental to the work.

It should be noted that this first phase will result in the complete closure of the pedestrian bridge over the full duration of the work.

- The second phase, from April 4<sup>th</sup> 2016 to May 13<sup>th</sup> 2016 inclusively, comprise the following works :
  - Installation of a temporary support system;
  - Partial demolition of the existing structure (Backwall, approach spans and bearings at the two (2) abutment heads);
  - Bearings and expansion joints at both approaches of the pedestrian bridge;All activities incidental to the work.

The second phase of the work will generate the **complete** closure of the pedestrian bridge **throughout the work periods. The Contractor is responsible for ensuring the reopening of the pedestrian bridge to the public at night and on weekends with temporary access plates installed at the bridge approaches.**

### 3. MODIFICATION TO THE PAID ITEMS TABLE

#### *Group 4 – Abutment rehabilitation*

- The quantity at Item « 4.7 Galvanized reinforcement bars » is MODIFIED.
  - The quantity changes from 1200 kg to 950 kg

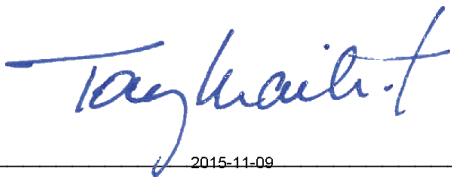
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# 1. APPENDIX 1 : Parks Canada property zone



