

# INVITATION TO TENDER (ITT)

# **AMENDMENT #4**

#### **RETURN BIDS TO:**

Parks Canada Agency Bid Receiving Unit National Contracting Services

#### **Bid Email:**

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**megabytes.** PCA is not responsible for any transmission errors. Emails with links to bid documents will not be accepted.

# Tender to: Parks Canada Agency

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.

Comments:

Vendor/Firm Name and Address:

#### **Issuing Office**

Parks Canada Agency - Central Registry Contracting Operations, 111 Water Street East Cornwall, Ontario, K6H 6S2

Title-Sujet Boundary Swing Bridge Rehabilitation for Trent Severn Waterway National Historic Site.			
Solicitation No No. de l'invitation 5P201-20-0002/A			Date : May 14, 2020
GETS Reference No. – No de reference de SEAG PW-20-00912549		de	Client Ref. No. – No. de réf du client. <b>341.09</b>
Solicitation Closes (YY-MM-DD):			
at – à <b>2:00 PM</b>	on – le <b>2020-05-21</b>		Time Zone - Fuseau horaire : EDT - HAE
F.O.B F.A.B. Plant-Usine: Destination: Other-Autre:			
Address Inquiries to: Adresser toute demande de renseignements à : Sheldon Lalonde (sheldon.lalonde@canada.ca)			
Telephone No No de telephone: (343) 585-3836			
Destination of Goods, Services, and Construction: Destinations des biens, services et construction :			
See Herein – Voir aux présentes			
TO BE COMPLETED BY THE BIDDER (type or print) À ÊTRE COMPLÉTER PAR LE SOUMISSIONAIRE (taper ou écrire en caractères d'imprimerie)			
Vendor/Firm Name – Nom du fournisseur/de l'entrepreneur			
Address - Adresse			
Name of person authorized to sign on behalf of the Vendor/Firm Nom de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur			
Titale - Titre			
Telephone No N° de téléphone :			
Facsimile No N° de télécopieur :			
Signature			Date





# AMENDMENT #4

# THE PURPOSE OF THIS AMENDMENT IS TO GIVE EFFECT TO THE FOLLOWING CHANGE;

#### 1. Questions and Answers #3:

#### 32) Question from Wood Supplier:

(i) The 4x8 (203x203x600mm long wood spacers) and 8x8 (203x203 wood curb) are rough sawn and #2+btr, not #1 as not available. If required in #1 grade, we can send you the fir pricing in #1, incised and CCA treated. Spec mentions again D4S, but once again, we would sell you 10x10, send through planer to take down to 8x8, then incise material making it basically rough-sawn again before treating. Please advise.

(ii) note that all wood material is not FSC certified for any LEED credits ...?

Answer: As per the specification 06 10 11 Rough Carpentry 2.1.5 The Wood Curbs shall be Grade No 1. While it will be more difficult to satisfy this requirement past early deterioration of curbs and blocking has indicated that it is required. LEED certification will not be sought.

33) Do you have a spec for the submarine cable? Cable suppliers are giving their best guess as to what you are looking for.

Answer: As identified in specification 26 05 17 Sections 2.3.4 and 2.3.5

Submarine cable must be armoured and rated for its intended use. Parks Canada has previously permitted the use of Electro Cables models 6PESAUS10-12C-V and 6PESAUS12-25C-18-2-V. The submarine cable part numbers identified in the electrical documentation package are generated numbers based on the numbering system of these previously approved cables and therefore will require verification when purchasing and adjustment to suit the conductors required. If Contractor recommends cable substitutes Equivalent cables will be considered. Submarine cables shall be installed with a continuous concrete channel cover as depicted in Electrical Documentation.

Please see attached specification sheets for previously approved submarine cables.

**34)** We are interested in pricing the structural steel for this bridge. In reading the specs it states - Steel designed to and shall be fabricated and erected in accordance with the CISC "code of standard practice for structural steel". Does this mean that the Fabricator has to be CISC certified, or that we just need to follow the code?

Answer: As per Section 05 12 33 Structural Steel for Bridges Part 3.4.4 - "All fabrication, installation, erection removals, and steel work to be completed by a fabricator and the fabricator's workers certified under Division 1 or 2 of CSA W47 Certification of Companies for Fusion Welding of Steel. The fabricator must provide proof that the workers have been employed by the fabricator for a period of longer than 1

year, completing similar tasks, or the workers experience must be reviewed and approved by the Departmental Representative." As per Section 13.10.00 Mechanical Part 3.2.7 – "Welding shall be made in accordance with CSA W59 and shall be performed by a welder qualified under CSA W47.1."

**35)** BA06 CONSTRUCTION TIME of ITT indicates that the Contractor must perform and complete the Work by April 20, 2021. Section 01 32 16.07 of specifications, 1.4 PROJECT MILESTONES reads:

".9 Preliminary Commissioning completed before May 1st, 2021 with commissioning requirements requiring Parks staff and canal operation continuing into the season."

".10 Site Occupation ended by date specified prior to, or two weeks before, the opening of the canal on the Friday before the May long weekend with all commissioning complete." Which puts the contract completion to May 10th, 2020?

Answer: The April 20, 2021 date is revised to accommodate the Milestone dates. The May1st 2021 date is referred to in the Milestone dates as well as the date for the end of site occupation (cleaning up of all material, trailers and bringing the site into as found condition with the work completed) is to occur two weeks before the start of the 2021 (note not 2020) season. Closeout submittals will be required plus as per 01 91 37 Decommissioning-Commissioning 4.8 Maintenance Period the contractor has responsibilities extending for a period of 60 days beyond canal opening or a 60 day period that will start at the

36) Can the Owner please provide clarifications in regards to the noted for the below?

- a. Traffic Pole Schedule shown on Drawing-20 does not state if galvanized, powder coated, etc. Is there a preferred supplier? Please confirm
- b. Traffic Light Drawing B-4 / Note 3.5 states that MFG/Model# to be approved by Parks Canada. Is there a preferred model #? Is there a preferred supplier? Please confirm?
- c. Limit Switch Heads Not enough info for model # / MFG. Please provide?

Answer: a) b) All costs associated with the new traffic light system, duct system, new pole, new pole foundations and gate footings, Highway Type Traffic Heads indicated on drawing 20 ,21 and 22 or in the specification to complete a standard installation are to be included in the Contract Lump Sum price. All poles shall be made of galvanized steel and be on bases. A preferred supplier can not be specified but the intent is for the contractor to supply new parts that conform to the OPSS and OPSD standards (particularly for poles, bases, traffic heads etc. OPSS 615, 616, 617, 620 and 621 shall apply) and the Ontario Traffic Manual Book 6 to create a standard installation in the configuration depicted on the drawings. c) Parks preferred limit switch series is model E50 by Eaton with Stainless Steel Switch Arms. Contractor to determine exact model numbers based on final designed contact arrangements and installation method as required in Electrical Documentation.

**37)** Unitary Item 6 Concrete in Abutments and Item 7 Concrete in Piers - Is it acceptable to use the Tremie Concrete Method to place the concrete in these items? (Place concrete underwater)

Answer: Most or all of this concrete will be above water and will not require tremie placement depending on water levels at the time of the repair. If the repairs extend below water the portion below water would be placed using the tremie method and that portion would be paid under item 8 Tremie Concrete.

**38)** Unitary Item 9 Under Water Formed and Pumped Patches - Is it acceptable to fill the repair with a pumped proprietary patch material?

Answer: A proprietary patching product or grout suitable for pumping with similar properties to the Tremie concrete mixes specified in part 2.3.1 and capable of being placed and cured in the underwater forms would be acceptable.

**39)** Unitary Item 8 Tremie Concrete - There is no drawing detail or specification about the location of the Tremie Concrete. Where does this item needs to be placed?

Answer: The tremie concrete item is for repairs below water and the amount of its use will depend on water levels. Generally, it will be used at the pier where spalls extend from above water to below water for the underwater portion of the repair. It may also be used at the abutments depending on water levels and condition of concrete at or just below the water level for repairs below the water level.

40) Unitary Item 8 Tremie Concrete - Is this item the concrete to be placed underwater for items 6, 7 and/or 9?

Answer: .Item 8 is intended for concrete placed below water that extend to the surface and can be placed using the tremie technique with the constraints as described in the specification even when they require a diver to place the forms. Items 6 and 7 are intended for concrete placed above water at the described locations. Item 9 is intended for isolated formed patches placed underwater using a dive operation.

#### ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED.