



**RETURN BIDS TO:
RETOURNER LES SUBMISSION À :**

Parks Canada Agency
30 Victoria Street
Gatineau, Québec, J8X 0B3

**REVISION 003 TO A
INVITATION TO TENDER**

**RÉVISION 003 À UNE
INVITATION À SOUMISSIONNER**

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

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

Issuing Office - Bureau de distribution :

Parks Canada Agency
National Contracting Services
30 Victoria Street
Gatineau, Québec, J8X 0B3

Title - Sujet : Rehabilitation of Bobcaygeon Swing Bridge, Trent-Severn Waterway National Historic Site	
Solicitation No. - N° de l'invitation : 5P210-19-0142/A	Date : December 11, 2019
Amendment No. - N° de modification : 003	
Client Reference No. - N° de référence du client : 1356.06	
GETS Reference No. N° de reference de SEAG : PW-19-00895133	

Solicitation Closes - L'invitation prend fin : At - à : 2 :00 PM On - le : December 16, 2019	Time Zone - Fuseau horaire HNE - EST
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F.O.B. - F.A.B. :
Plant - Usine : Destination : Other - Autre :

Address Enquiries to - Adresser toutes demande de renseignements à : Christine Piché

Telephone No. - N° de telephone : 819-420-9576	Fax No. -N° de télécopieur : 819-420-9626	Email Address – Courriel : christine.piche2@canada.ca
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Destination of Goods, Services, and Construction - Destination des biens, services, et construction :
See Herein – Voir aux présentes

TO BE COMPLETED BY THE BIDDER - À REMPLIR PAR LE SOUMISSIONNAIRE

Vendor/ Firm Name - Nom du fournisseur/ de l'entrepreneur :	
Address - Adresse :	
Telephone No. - N° de telephone :	Fax No. - N° de télécopieur :
Name of person authorized to sign on behalf of the Vendor/Firm Nom de la personne autorisée a signer au nom du fournisseur/ de l'entrepreneur	
Signature :	Date :

Solicitation No. - N° de l'invitation :
5P201-19-0142/A

Amd. No. - N° de la modif. :
003

Contracting Authority - Autorité contractante :
Christine Piché

Client Ref. No. - N° de réf. du client :
1356.06

Title – Titre :
Rehabilitation of Bobcaygeon Swing Bridge, Trent-Severn Waterway National Historic Site

Amendment 003

This amendment is raised to:

- A. Answer questions from bidders;
- B. Updates to the Solicitation document;
- C. Updates to the Solicitation Attachment documents.

A. QUESTIONS AND ANSWERS

Q1: Do you have a specification sheet for the submarine cable? The part numbers given are incomplete; this cable may have to be manufactured specifically for this project?

A1: The Department Representative would like to use 600V TECK90 Cable for crossing the canal as has been done in the past and accepted by the local electrical safety inspector. However, the bidder shall ensure that all electrical aspects of this project meet the requirements of the Canadian Electrical Code/Ontario Electrical Safety Code. For reference, a 600V Prysmian Group, Draka, Tar/Jute Bridge Submarine cable is a submarine cable that is designed for this application (if CSA approved or equivalent). Cable selection shall be discussed and determined with the Department Representative after bid award.

Q2: We've noticed a discrepancy on the Bobcaygeon drawings.
Dwg 3.12 lists panel dimensions of 36x36
Dwg 3.13-1 lists a 48x36x16, with backpanel 48x36
Dwg 3.13-2 lists a 48x36x16, but it should be a side panel with smaller dimensions

A2: The cabinet layout, selection, and dimensions are for reference and may be altered if all components are suitably accommodated with reasonable space for wiring, future additions and modification. The cabinet should be no more than approximately 1219 mm [48"] high x 914 mm [36"] wide x 406 mm [16"] deep to contain all of the specified components. Side panels or alternate side mounting may be used. Side panels would be sized according to a 1219 mm [48"] x 406 mm [16"] area.

Q3: On the Bobcaygeon schematic they show proportional valves and manual flow controls on the gate and swing circuits, is this correct?

A3: See updated drawing M6, proportional valve is only applicable to the swing cylinders. See Addendum #3.

B. UPDATES TO THE INVITATION TO TENDER DOCUMENT

DELETE APPENDIX 1 – COMBINED PRICE FORM in its entirety and **REPLACE WITH** the **APPENDIX 1- COMBINED PRICE FORM – REVISED 01**, attached.

Canada requires the attached revised Appendix 1 – Combined Price Form – Revised 01 to be used and received before the solicitation closing date and time. Failure to submit the revised Appendix 1 – Combined Price Form will result in your bid being deemed non-responsive.

Changes are shown in red.

If you have already submitted your bid, you are invited to send us your revisions by fax to (819) 420-9626. Please indicate the number of the invitation to tender on all correspondence.

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C. UPDATES TO SOLICITATION ATTACHMENT DOCUMENTS

MODIFICATIONS ON PLANS AND SPECIFICATIONS

The precisions indicated on the documents below are provided following questions received from bidders.

Please refer to the documents uploaded on December 11, 2019

151-06165-11_Addendum 3 Drawings
01 91 41 - Commissioning Training
Amendment 003

ALL OTHER TERMS & CONDITIONS REMAIN UNCHANGED

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APPENDIX 1 - COMBINED PRICE FORM - REVISED 01

- 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.

Note: Bidders are reminded that it is their responsibility to include in their bid all work as described in the drawings and specifications. Pricing for work not accounted for in the Unit Price Table including but not limited to Mobilization, De-Mobilization, etc. is to be included in the Lump Sum Table.

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.

Item No.	Specification Reference	Class of Labour, Plant or Material	Unit of Measurement	Estimated Quantity	Estimated Total (Excluding applicable tax(s))
GENERAL					
1	All Sections	Mobilization/Demobilization	Lump Sum	1	\$ _____
2	01 57 00	Traffic Control	Lump Sum	1	\$ _____
3	01 35 43	Environmental Protection Erosion and Sediment Control Plan	Lump Sum	1	\$ _____
4	01 51 00	Connect to Existing Facilities	Lump Sum	1	\$ _____
5	01 56 00	Temporary Barriers and Enclosures	Lump Sum	1	\$ _____
6	01 51 00	Temporary Utilities	Lump Sum	1	\$ _____
7	01 74 11 32 91 21 32 92 23	Sitework and Restoration	Lump Sum	1	\$ _____
8	01 52 00	Storage Area	Lump Sum	1	\$ _____
9	01 55 50	Access and Housing	Lump Sum	1	\$ _____
10	01 55 50	Heating and De-Humidification	Lump Sum	1	\$ _____
11	01 74 21	Waste Management Plan	Lump Sum	1	\$ _____
12	02 76 60	Temporary Pedestrian Bridge	Lump Sum	1	\$ _____
13	01 91 37	Decommissioning / Commissioning the Bridge	Lump Sum	1	\$ _____
STRUCTURAL REMOVALS					
14	02 41 23	Remove Open Grid Steel Deck	Lump Sum	1	\$ _____
15	02 41 23	Remove Timber Curbs	Lump Sum	1	\$ _____
16	02 41 23	Remove Sidewalk Timber Deck	Lump Sum	1	\$ _____

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17	02 41 23	Remove Sidewalk Stringers	Lump Sum	1	\$ _____
18	02 41 23	Remove Sidewalk Flange Angles	Lump Sum	1	\$ _____
19	02 41 23	Remove Stringers for New Balance Wheel Beams	Lump Sum	1	\$ _____
20	02 41 23	Remove Steel Counterweights	Lump Sum	1	\$ _____
21	02 41 23	Remove Rail Concrete Supports at Pivot Pier	Lump Sum	1	\$ _____
22	02 41 23	Miscellaneous Removals	Lump Sum	1	\$ _____
STRUCTURAL BRIDGE WORKS					
23	05 12 33	Structural Steel Repairs to Main Plate Girders	Lump Sum	1	\$ _____
24	05 12 33	Structural Steel Repairs to Pivot Girders	Lump Sum	1	\$ _____
25	05 12 33	Install New Balance Wheel Beams and Supports	Lump Sum	1	\$ _____
26	05 12 33	Install New Sidewalk Stringers	Lump Sum	1	\$ _____
27	05 12 33	Install New Sidewalk Flange Angles	Lump Sum	1	\$ _____
28	05 12 33	Structural Steel Repairs to Pedestrian Railing	Lump Sum	1	\$ _____
29	09 97 19	Abrasive Blast Clean and Coat Structural Steel	Lump Sum	1	\$ _____
30	09 97 19	Soluble Salt Remover to Superstructure	Lump Sum	1	\$ _____
31	09 97 19	Sulphonate Sealer Application to Main Girders	Lump Sum	1	\$ _____
32	06 10 11	Install New Laminated Timber Deck and Curbs	Lump Sum	1	\$ _____
33	06 10 11	Install New Sidewalk Timber Decking	Lump Sum	1	\$ _____
34	07 62 00	Install New Stainless Steel Flashings	Lump Sum	1	\$ _____
35	05 12 33	Install New Steel Counterweights	Lump Sum	1	\$ _____
36	05 12 33	Install New Nosing Angle on Timber Deck	Lump Sum	1	\$ _____
37	05 12 33	Install New Armouring Angle at South Abutment	Lump Sum	1	\$ _____
38	03 30 00	Armouring Angle Grout Assembly	Lump Sum	1	\$ _____
39		DELETED	-	-	-
40		DELETED	-	-	-
41		DELETED	-	-	-
ROADWAY					
42	01 57 00	Replace Hazard Marker Signs at Main Girder Ends	Lump Sum	1	\$ _____
43	34 71 13.25	Replace Steel Beam Guide Rail	Lump Sum	1	\$ _____

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CIVIL					
44	33 99 01	New Utility Trenches and Pier Vault Rehabilitation	Lump Sum	1	\$ _____
MECHANICAL					
45	13 10 00	Mechanical Removals	Lump Sum	1	\$ _____
46	13 10 00	Install New Hydraulic Power Unit	Lump Sum	1	\$ _____
47	13 10 00	Install New Hydraulic Bridge Control Manifold	Lump Sum	1	\$ _____
48	13 10 00	Install New Bridge Rotation Hydraulic Cylinders, Hoses, Lines	Lump Sum	1	\$ _____
49	13 10 00	Install New Hydraulic Cylinder Mounting Clevis Brackets, Pier Bracket, and Girder Clevis Mounting Plate	Lump Sum	1	\$ _____
50	13 10 00	Install New Hydraulic Hoses and Lines from Lock House	Lump Sum	1	\$ _____
51	13 10 00	Install and Adjust New Centre Pivot Bearing	Lump Sum	1	\$ _____
52	13 10 00	Install and Adjust New Live Load Wheels and Ramps	Lump Sum	1	\$ _____
53	13 10 00	Install and Adjust New End Support Wheels and Ramps	Lump Sum	1	\$ _____
54	13 10 00	Install and Adjust New Center Pier Balance Rail	Lump Sum	1	\$ _____
55	13 10 00	Install and Adjust New Balance Wheels	Lump Sum	1	\$ _____
56	13 10 00	Install New Locking Pin Assembly	Lump Sum	1	\$ _____
57	13 10 00	Refurbish Existing End Stop	Lump Sum	1	\$ _____
ELECTRICAL					
58	26 05 00	Electrical Removals	Lump Sum	1	\$ _____
59	26 05 21	Install New Wiring and Cables	Lump Sum	1	\$ _____
60	26 05 26	Install New Grounding and Bonding	Lump Sum	1	\$ _____
61	26 05 31	Install New Splitters	Lump Sum	1	\$ _____
62	26 12 16	Install New Dry-type Transformers	Lump Sum	1	\$ _____
63	26 24 01	Install New Service Entrance Equipment	Lump Sum	1	\$ _____
64	26 24 16	Install New Panel Boards	Lump Sum	1	\$ _____
65	26 24 22	Install New Field Instrumentation Devices	Lump Sum	1	\$ _____
66	26 28 23	Install New Safety Disconnect Switches	Lump Sum	1	\$ _____
67	26 29 10	Install New Motor Starters	Lump Sum	1	\$ _____

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68	26 56 20	Install New Bridge Navigation Lights	Lump Sum	1	\$ _____
69	26 56 21	Install New Traffic Warning Gates	Lump Sum	1	\$ _____
70	26 99 01	Install New Bridge Operators Control Console	Lump Sum	1	\$ _____
71	26 99 02	Install New Lock Gate Control Cabinet	Lump Sum	1	\$ _____
72	26 99 03	Install New Proportional Driver and Junction Boxes	Lump Sum	1	\$ _____
73	26 99 04	Install New Safety Circuit Devices	Lump Sum	1	\$ _____
TOTAL LUMP SUM AMOUNT (LSA) 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	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	02 41 23	Concrete Removals on Abutments	m3	3.6	\$	\$
2	31 23 10	Earth Excavation at North Abutment	m3	6.0	\$	\$
3	03 20 00	Galvanized Reinforcing Steel	t	0.4	\$	\$
4	03 20 00	Drilling and Grouting for Dowels	ea	185	\$	\$
5	03 30 00	Concrete in North Abutment	m3	2.0	\$	\$
6	03 30 00	Concrete in South Abutment	m3	2.4	\$	\$
7	32 11 18	Granular 'A' Backfill	t	13.5	\$	\$
8	05 12 33	Ream Rivet Hole (Allowance)	ea	200	\$	\$
9	03 35 00	Concrete Sealer on Bridge Deck	m2	43	\$	\$
10	03 35 00	Concrete Sealer on Abutments	m2	75	\$	\$
11	03 35 00	Scellant Sealer on Pivot Pier	m2	75	\$	\$
TOTAL EXTENDED AMOUNT (TEA) Excluding applicable tax(es)						\$

TOTAL BID AMOUNT (LSA +TEA) Excluding applicable tax(es)	\$
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