



Parks Canada
Parcs Canada



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Parks Canada Agency
National Contracting Services
Bid Receiving Unit
111, Water Street East
Cornwall ON K6H 5R5

INVITATION TO TENDER

APPEL D'OFFRES

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.

Soumission aux: l'Agence Parcs Canada
Nous offrons par la présente de vendre à Sa Majesté la Reine du Chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici et sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments - Commentaries

Vendor/Firm Name and Address
Raison sociale et adresse du fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Parks Canada Agency
National Contracting Services
111 Water Street East
Cornwall ON K6H 6S3

Title-Sujet Rehabilitation of tunnel's drainage systems of Lachine Canal: Charlevoix et Des Seigneurs		Date October 6, 2015
Solicitation No. - No. de l'invitation 5P300-15-5362	Client Ref. No. - No. de réf du client.	
GETS Reference No. - No de reference de SEAG 5P300-15-5362		
Solicitation Closes L'invitation prend fin - at - à 02:00 PM on - le October 22, 2015	Time Zone Fuseau horaire - Eastern Daylight Time (EDT)	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>		
Address Inquiries to: - Adresser toute demande de renseignements à : Annie Roy (annie.roy@pc.gc.ca)		
Telephone No. - No de téléphone 613-938-5752	Fax No. - No de FAX:	
Destination of Goods, Services, and Construction: Destinations des biens, services et construction: See Herein		
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur :		
Telephone No. - No de téléphone: _____		
Facsimile No. - N° de télécopieur: _____		
Email- Courriel : _____		
Name and title of person authorized to sign on behalf of the Vendor/Firm Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur		
_____		_____
Name / Nom		Title / Titre
_____		_____
Signature		Date

INVITATION TO TENDER

IMPORTANT NOTICE TO BIDDERS

INSURANCE TERMS

The Insurance Terms have been amended. Refer to the Supplementary Conditions.

REMINDER

Changes to PST, GST, HST in British Columbia, Quebec, and Prince Edward Island

Bidders are reminded that there were changes to the Provincial Sales Tax (PST), Goods and Services Tax (GST), and Harmonized Sales Tax (HST) in the provinces of British Columbia (BC), Quebec (QC), and Prince Edward Island (PE). These were effective April 1, 2013.

"Applicable Taxes" are paid by Canada in accordance with the General Conditions. It is the bidder's responsibility to ensure their submission accounts for these changes. There will be no adjustment for any change to increase the Contract Amount due to these changes.

The Bidder is not entitled to use Canada's exemptions from any tax, such as provincial sales taxes. The Bidder must pay applicable provincial sales tax, ancillary taxes, and any commodity tax, on taxable goods or services used or consumed in the performance of the Contract (in accordance with applicable legislation), including for material incorporated into real property.

It is the Bidders responsibility to incorporate the appropriate Place of Supply in accordance with the directives and bulletins of the Canada Revenue Agency:

<http://www.cra-arc.gc.ca/menu-eng.html>

BID SECURITY REQUIREMENTS

The amount of bid security required is 10% of the bid amount (\$2,000,000 maximum).
See GI08 of R2710T - General Instructions – Construction Services – Bid Security

CONTRACT SECURITY REQUIREMENTS

The amount of a security deposit that is required in lieu of a performance bond is 20% of the contract amount.

See GC9.2 of R2890D – Types and Amounts of Contract Security

R2940D CLAUSE IS CANCELLED AND SECTION 3.8 OF R2830D IS MODIFIED

Following the repeal of the Fair Wages and Hours of Labour Act, clause R2940D will be non applicable for contracts awarded after January 1st 2014. For contracts awarded prior to that date the clause remains applicable. As a result section 3.8 of R2830D has been modified as indicated in Supplementary Conditions SC06.

CLAUSES REFERRED TO BY NUMBER (E.G. R2710T) CAN BE FOUND AT THE FOLLOWING WEB SITE:

<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/R>

TABLE OF CONTENTS

SPECIAL INSTRUCTIONS TO BIDDERS (SI)

- SI01 Code of Conduct and Certifications - Related Documentation
- SI02 Bid Documents
- SI03 Enquiries During the Solicitation Period
- SI04 Site Visit
- SI05 Revision of Bid
- SI06 Bid Results
- SI07 Insufficient Funding
- SI08 Bid Validity Period
- SI09 Construction Documents
- SI10 Web Sites

GENERAL INSTRUCTIONS – CONSTRUCTION SERVICES – BID SECURITY REQUIREMENTS (GI) - R2710T (2015-07-03)

The following GI's are included by reference and are available at the following Web Site:

<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/R>

- GI01 Integrity Provisions – Bid
- GI02 Completion of Bid
- GI03 Identity or Legal Capacity of the Bidder
- GI04 Applicable Taxes
- GI05 Capital Development and Redevelopment Charges
- GI06 Registry and Pre-qualification of Floating Plant
- GI07 Listing of Subcontractors and Suppliers
- GI08 Bid Security Requirements
- GI09 Submission of Bid
- GI10 Revision of Bid
- GI11 Rejection of Bids
- GI12 Bid Costs
- GI13 Procurement Business Number
- GI14 Compliance with Applicable Laws
- GI15 Approval of Alternative Materials
- GI16 Performance Evaluation
- GI17 Conflict of Interest-Unfair Advantage

SUPPLEMENTARY CONDITIONS (SC)

- SC01 Security Related Requirements
- SC02 Insurance Terms
- SC03 Changes to Contract Documents
- SC04 Labour

CONTRACT DOCUMENTS (CD)

BID AND ACCEPTANCE FORM (BA)

- BA01 Identification
- BA02 Business Name and Address of Bidder
- BA03 The Offer
- BA04 Bid Validity Period
- BA05 Acceptance and Contract
- BA06 Construction Time
- BA07 Bid Security
- BA08 Signature

- APPENDIX 1 – COMBINED PRICE FORM AND PRICE TABLE
- APPENDIX 2 – COMPLETE LIST OF INDIVIDUALS WHO ARE CURRENTLY DIRECTORS OF THE BIDDER
- APPENDIX 3 – ATTESTATION FORM
- ANNEX A – CERTIFICATE OF INSURANCE FORM

SPECIAL INSTRUCTIONS TO BIDDERS (SI)**SI01 CODE OF CONDUCT AND CERTIFICATIONS - RELATED DOCUMENTATION**

By submitting a bid, the Bidder certifies that the Bidder and its affiliates are in compliance with the provisions as stated in Section 01 Integrity Provisions – Bid of General Instructions – Construction Services – Bid Security R2710T (2015-07-03). The related documentation therein required will assist Canada in confirming that the certifications are true.

SI02 BID DOCUMENTS

1) The following are the bid documents:

- (a) Invitation to Tender - Page 1;
- (b) Special Instructions to Bidders;
- (c) General Instructions – Construction Services – Bid Security R2710T (2015-07-03);
- (d) Clauses & Conditions identified in "Contract Documents";
- (e) Drawings and Specifications;
- (f) Bid and Acceptance Form and related Appendices; and
- (g) Any amendment issued prior to solicitation closing.

Submission of a bid constitutes acknowledgement that the Bidder has read and agrees to be bound by these documents.

2) General Instructions to Bidders are incorporated by reference and is set out in the Standard Acquisition Clauses and Conditions (SACC) Manual, issued by Public Works and Government Services Canada (PWGSC). The SACC Manual is available on the PWGSC Web site: <https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>

SI03 ENQUIRIES DURING THE SOLICITATION PERIOD

- 1) Enquiries regarding this bid must be submitted in writing to the Contracting Officer named on the Invitation to Tender - Page 1 as early as possible within the solicitation period. Except for the approval of alternative materials as described in GI15 of R2710T "General Instructions – Construction Services – Bid Security", enquiries should be received no later than five (5) business days prior to the date set for solicitation closing to allow sufficient time to provide a response. Enquiries received after that time may not result in an answer being provided.
- 2) To ensure consistency and quality of the information provided to Bidders, the Contracting Officer shall examine the content of the enquiry and shall decide whether or not to issue an amendment.
- 3) All enquiries and other communications related to this bid sent throughout the solicitation period are to be directed ONLY to the Contracting Officer named on the Invitation to Tender - Page 1. Failure to comply with this requirement may result in the bid being declared non-responsive.

SI04 OPTIONAL SITE VISIT

It is recommended that the Bidder or a representative of the Bidder visit the work site. Arrangements have been made for the site visit to be held at **des Seigneurs Street, Montreal, QC – please see the Site Visit Map for exact location - on Wednesday, OCTOBER 14, 2015**. The site visit will begin at **10:00 a.m.** (local time).

Bidders are requested to communicate with the Contracting Authority no later than **Tuesday, OCTOBER 13, 2015 at 10:00 a.m. (EDT)** to confirm attendance and provide the name(s) of the person(s) who will attend. Bidders may be requested to sign an attendance sheet. Bidders who do not attend or do not send a representative will not be given an alternative appointment but they will not be precluded from submitting a bid. Any clarifications or changes to the bid solicitation resulting from the site visit will be included as an amendment to the bid solicitation.

SI05 REVISION OF BID

A bid may be revised by letter or facsimile in accordance with GI10 of R2710T "General Instructions – Construction Services – Bid Security ". The facsimile number for receipt of revisions is 1-877-558-2349.

SI06 BID RESULTS

- 1) A public bid opening will be held in the office designated on the Front Page "Invitation to Tender" for the receipt of bids shortly after the time set for solicitation closing.
- 2) Following solicitation closing, bid results may be obtained by emailing the Contracting Officer at annie.roy@pc.gc.ca or calling 613-938-5752.

SI07 INSUFFICIENT FUNDING

- 1) In the event that the lowest compliant bid exceeds the amount of funding Canada has allocated for the construction phase of the work
 - (a) by 15% or less, Canada, at its sole discretion, shall either
 - (i) Cancel the solicitation; or
 - (ii) Obtain additional funding and, subject to the provisions of GI11 of the General Instructions to Bidders, award the Contract to the Bidder submitting the lowest compliant bid; or
 - (iii) Revise the scope of the work accordingly and negotiate, with the Bidder submitting the lowest compliant bid, a corresponding reduction in its bid price.
 - (b) by more than 15%, Canada, at its sole discretion, shall either
 - (i) Cancel the solicitation; or
 - (ii) Obtain additional funding and, subject to the provisions of GI11 of the General Instructions to Bidders, award the Contract to the Bidder submitting the lowest compliant bid; or
 - (iii) Revise the scope of the work accordingly and invite those who submitted compliant bids at the original solicitation to re-bid the work.
- 2) If negotiations or a re-bid are undertaken as is contemplated in subparagraphs 1)(a)(iii) or 1)(b)(iii) above, Bidders shall retain the same subcontractors and suppliers as they carried in their original bids.
- 3) If Canada elects to negotiate a reduction in the bid price as is contemplated in subparagraph 1)(a)(iii) herein and the negotiations fail to reach an agreement, Canada shall then exercise either of the options referred to subparagraphs 1)(a)(i) or 1)(a)(ii)

SI08 BID VALIDITY PERIOD

- 1) Canada reserves the right to seek an extension to the bid validity period prescribed in BA04 of the Bid and Acceptance Form. Upon notification in writing from Canada, Bidders shall have the option to either accept or reject the proposed extension.

- 2) If the extension referred to in paragraph 1) of SI08 is accepted, in writing, by all those who submitted bids, then Canada shall continue immediately with the evaluation of the bids and its approvals processes.
- 3) If the extension referred to in paragraph 1) of SI08 is not accepted in writing by all those who submitted bids then Canada shall, at its sole discretion, either
 - (a) continue to evaluate the bids of those who have accepted the proposed extension and seek the necessary approvals; or
 - (b) cancel the invitation to tender
- 4) The provisions expressed herein do not in any manner limit Canada's rights in law or under GI11 of R2710T.

SI09 CONSTRUCTION DOCUMENTS

The successful Contractor will be provided with one paper copy of the sealed and signed drawings, the specifications and the amendments upon acceptance of the offer. Obtaining more copies shall be the responsibility of the Contractor including costs.

SI10 WEB SITES

The connection to some of the Web sites in the solicitation documents is established by the use of hyperlinks. The following is a list of the addresses of the Web sites:

Treasury Board Appendix L, Acceptable Bonding Companies:
<http://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=14494§ion=text#appl>

Buy and Sell:
<https://www.achatsetventes-buyandsell.gc.ca/>

Canadian Economic Sanctions:
<http://www.international.gc.ca/sanctions/index.aspx?lang=eng>

Contractor Performance Evaluation Report (Form PWGSC-TPSGC 2913):
<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/2913.pdf>

Bid Bond (form PWGSC-TPSGC 504):
<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/504.pdf>

Performance Bond (form PWGSC-TPSGC 505):
<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/505.pdf>

Labour and Material Payment Bond (form PWGWSC-TPSGC 506):
<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/506.pdf>

SACC Manual:
<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>

Schedules of Wage Rates for Federal Construction Contracts:
http://www.rhdcc-hrsdc.gc.ca/eng/labour/employment_standards/contracts/schedule/index.shtml

PWGSC, Industrial Security Services:
<http://ssi-iss.tpsgc-pwgsc.gc.ca/index-eng.html>

PWGSC, Code of Conduct and Certifications
<http://www.tpsgc-pwgsc.gc.ca/app-acq/cndt-cndct/index-eng.html>

Construction and Consultant Services Contract Administration Forms Real Property Contracting
<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/formulaires-forms-eng.html>

SUPPLEMENTARY CONDITIONS (SC)

SC01 SECURITY REQUIREMENTS

There is no security requirement applicable to this contract.

SC02 CHANGES TO CONTRACT DOCUMENTS

The term "Engineer" is replaced with the term "Departmental Representative" in the Drawings and Specifications

SC03 INSURANCE TERMS

1) Insurance Contracts

(a) The Contractor must, at the Contractor's expense, obtain and maintain insurance contracts in accordance with the requirements of the Certificate of Insurance. Coverage must be placed with an Insurer licensed to carry out business in Canada.

(b) Compliance with the insurance requirements does not release the Contractor from or reduce its liability under the Contract. The Contractor is responsible for deciding if additional insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any additional insurance coverage is at the Contractor's expense, and for its own benefit and protection.

2) Period of Insurance

(a) The policies required in the Certificate of Insurance must be in force from the date of contract award and be maintained throughout the duration of the Contract.

(b) The Contractor must be responsible to provide and maintain coverage for Products/Completed Operations hazards on its Commercial General Liability insurance policy, for a period of six (6) years beyond the date of the Certificate of Substantial Performance.

3) Proof of Insurance

(a) Before commencement of the Work, and no later than thirty (30) days after acceptance of its bid, the Contractor must deposit with Canada a Certificate of Insurance on the form attached herein.

(b) Upon request by Canada, the Contractor must provide originals or certified true copies of all contracts of insurance maintained by the Contractor pursuant to the Certificate of Insurance.

4) Insurance Proceeds

In the event of a claim, the Contractor must, without delay, do such things and execute such documents as are necessary to effect payment of the proceeds.

5) Deductible

The payment of monies up to the deductible amount made in satisfaction of a claim must be borne by the Contractor.

SC04 LABOUR

Clause R2830D subsection GC3.8 has been modified as follows;

1. Title has been changed from "Labour and Fair Wages" to "Labour"
2. Delete subsection 1.
3. Following subsections must be renumbered.

CONTRACT DOCUMENTS (CD)

- 1) The following are the contract documents:
- (a) Contract Page when signed by Canada;
 - (b) Duly completed Bid and Acceptance Form and any Appendices attached thereto;
 - (c) Drawings and Specifications;
 - (d) General Conditions and clauses

GC1 General Provisions	R2810D	(2015-07-09)
GC2 Administration of the Contract	R2820D	(2015-02-25);
GC3 Execution and Control of the Work	R2830D	(2015-02-25);
GC4 Protective Measures	R2840D	(2008-05-12);
GC5 Terms of Payment	R2850D	(2015-02-25);
GC6 Delays and Changes in the Work	R2860D	(2013-04-25);
GC7 Default, Suspension or Termination of Contract	R2870D	(2008-05-12);
GC8 Dispute Resolution	R2880D	(2015-04-01);
GC9 Contract Security	R2890D	(2014-06-26);
GC10 Insurance	R2900D	(2008-05-12);

Supplementary Conditions:

Allowable Costs for Contract Changes Under GC6.4.1	R2950D	(2015-02-25);
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 - (e) Any amendment issued or any allowable bid revision received before the date and time set for solicitation closing;
 - (f) Any amendment incorporated by mutual agreement between Canada and the Contractor before acceptance of the bid; and
 - (g) Any amendment or variation of the contract documents that is made in accordance with the General Conditions.
- 2) The documents identified by title, number and date above are incorporated by reference and are set out in the Standard Acquisition Clauses and Conditions (SACC) Manual, issued by Public Works and Government Services Canada (PWGSC). The SACC Manual is available on the PWGSC Web site: <https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>
- 3) Schedules of Wage Rates for Federal Construction Contracts is included by reference and may be accessed from the Web site: http://www.rhdcc-hrsdc.gc.ca/eng/labour/employment_standards/contracts/schedule/index.shtml.
- 4) The language of the contract documents is the language of the Bid and Acceptance Form submitted.

BID AND ACCEPTANCE FORM (BA)

BA01 IDENTIFICATION

1) Description of the Work: Rehabilitation of tunnel's drainage systems of Lachine Canal: Charlevoix et Des Seigneurs

2) Solicitation Number: 5P300-15-5362

BA02 BUSINESS NAME AND ADDRESS OF BIDDER

Name: _____

Address: _____

Telephone: _____ Fax: _____ PBN: _____

Email: _____

BA03 THE OFFER

The Bidder offers to Her Majesty the Queen in right of Canada to perform and complete the Work for the above named project in accordance with the Bid Documents for the **TOTAL BID AMOUNT INDICATED IN APPENDIX 1**

BA04 BID VALIDITY PERIOD

The bid shall not be withdrawn for a period of 30 days following the date of solicitation closing.

BA05 ACCEPTANCE AND CONTRACT

Upon acceptance of the Contractor's offer by Canada, a binding Contract shall be formed between Canada and the Contractor. The documents forming the Contract shall be the contract documents identified in Contract Documents (CD).

BA06 CONSTRUCTION TIME

The Contractor shall perform and complete the Work by December 11, 2015.

BA07 BID SECURITY

The Bidder is enclosing bid security with its bid in accordance with GI08 - Bid Security Requirements of R2710T - General Instructions - Construction Services - Bid Security Requirements.

BA08 SIGNATURE

Name and title of person authorized to sign on behalf of Bidder (Type or print)

Signature

Date

BID AND ACCEPTANCE FORM APPENDIX 1 – (cont'd)

COMBINED PRICE FORM (6 pages, including this one)

- 1) The prices per unit shall 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.

GRAND TOTAL BID AMOUNT

**GRAND TOTAL BID AMOUNT (AS PER
ATTACHED TABLES):**
Excluding Applicable Taxes

\$

Note: Bidders are reminded that it is their responsibility to include in their bid all work as described in the drawings and specifications.

**Rehabilitation of tunnel's drainage systems of Lachine Canal:
 Charlevoix and Des Seigneurs**

Y/REF. : CLAC-DRAINS-TUNNELS

PRICE TABLE - SUMMARY

ARTICLE	DESCRIPTION OF WORK	AMOUNT
TUNNEL CHARLEVOIX		
A)	CIVIL ENGINEERING WORK	
1.	DRAINAGE	\$
2.	SITE LAYOUT	\$
3.	REHABILITATION OF ELECTRICAL TRENCHES	\$
	Subtotal :	\$
B)	ELECTRICAL ENGINEERING WORKS	
1.	INSTALLATION OF A HEATING CABLE SYSTEM	\$
C)	PAVEMENT MARKINGS AND SIGNALISATION	
1.	PAVEMENT MARKINGS	\$
2.	SIGNALISATION	\$
	Subtotal :	\$
D)	TRAFFIC CONTROL OF CYCLISTS AND PEDESTRIANS	
1.	SIGNALISATION	\$
E)	STRUCTURE	
1.	DEMOLITION	\$
2.	RECONSTRUCTION	\$
	Subtotal :	\$
	TOTAL TUNNEL CHARLEVOIX :	\$
TUNNEL DES SEIGNEURS		
A)	CIVIL ENGINEERING WORK	
1.	SITE PREPARATION AND DEMOLITION	\$
2.	DRAINAGE	\$
3.	ROADWAY	\$
4.	REPAIR OF ELECTRICAL TRENCHES	\$
5.	SAFETY ITEMS	\$
	Subtotal :	\$
C)	ELECTRICAL ENGINEERING WORKS	
1.	INSTALLATION OF A HEATING CABLE SYSTEM	\$
	Subtotal :	\$
D)	PAVEMENT MARKINGS AND SIGNALISATION	
1.	PAVEMENT MARKINGS	\$
2.	SIGNALISATION	\$
	Subtotal :	\$
E)	TRAFFIC CONTROL OF CYCLISTS AND PEDESTRIANS	
1.	SIGNALISATION	\$
2.	SIGNALISATION SUR LE RÉSEAU ROUTIER	\$
	Subtotal :	\$
E)	STRUCTURE	
	NO WORKS	
	TOTAL TUNNEL DES SEIGNEURS :	\$
	TOTAL (all sections) :	\$
	TPS (5%) :	\$
	TVQ (9,975%) :	\$
	GRAND TOTAL :	\$

**Rehabilitation of tunnel's drainage systems of Lachine Canal:
Charlevoix and Des Seigneurs
Y/REF. : CLAC-DRAINS-TUNNELS
PRICE TABLE - TUNNEL CHARLEVOIX**

ARTICLE	DESCRIPTION OF WORK	QTY	UNIT	UNIT PRICE	AMOUNT
A) CIVIL ENGINEERING WORK					
1. DRAINAGE					
1.1	Drainage trench, including a 150 mm Ø HDPE R180 perforated drain, geotextile and clean stone	30	m	\$	\$
1.2	375 mm Ø HDPE small catch basin	1	ea.	\$	\$
1.3	150 mm Ø HDPE R320 non-perforated drain	1	lump sum	\$	\$
1.4	Existing drain to be cleaned, 150 mm Ø CPV	20	m	\$	\$
1.5	Cleaning of drains, gutters and small catch basin when the work has been completed	40	m	\$	\$
1.6	Anti-vermin grate	1	unité	\$	\$
				Subtotal :	\$
2. SITE LAYOUT					
2.1	Sod, including top soil 150 mm thick	75	m²	\$	\$
				Subtotal :	\$
3. REHABILITATION OF ELECTRICAL TRENCHES					
3.1	Sod, including top soil 150 mm thick	75	m²	\$	\$
				Subtotal :	\$
				TOTAL SECTION :	\$
B) ELECTRICAL ENGINEERING WORKS					
1. INSTALLATION OF A HEATING CABLE SYSTEM					
1.1	Excavating and backfilling of trenches, warning tape, compaction, excluding final restoration	45	m	\$	\$
1.2	Rigid PVC conduit 53 mm Ø, CSA C22.2 #211.2 buried in a sand bed	45	m	\$	\$
1.3	Polymer concrete buried pull box	1	ea.	\$	\$
1.4	Connection to existing conduit	1	ea.	\$	\$
1.5	Monoconductor cables #6 RWU 90 X-LINK (-40° C)	100	m	\$	\$
1.6	Watertight splices	2	ea.	\$	\$
1.7	Supply of heating cable system complete with related equipment and breaker	1	lump sum	\$	\$
1.8	Installation of the heating cable system, including commissioning by the supplier	1	lump sum	\$	\$
1.9	Modifications to the existing cabinet	1	lump sum	\$	\$
				TOTAL SECTION :	\$
C) PAVEMENT MARKINGS AND SIGNALISATION					
1. PAVEMENT MARKINGS					
1.1	Removal of existing pavement markings	-	lump sum	\$	\$
1.2	Pavement marking of an edge line (for bicycle path)	180	m. lin.	\$	\$
1.3	Marking of a solid yellow dividing line (for bicycle path)	90	m. lin.	\$	\$
				Subtotal :	\$
2. SIGNALISATION					
2.1	Supply and installation of an aluminum sheet signboard, including the support	4	ea.	\$	\$
				Subtotal :	\$
				TOTAL SECTION :	\$

**Rehabilitation of tunnel's drainage systems of Lachine Canal:
 Charlevoix and Des Seigneurs
 Y/REF. : CLAC-DRAINS-TUNNELS
 PRICE TABLE - TUNNEL CHARLEVOIX**

ARTICLE	DESCRIPTION OF WORK	QTY	UNIT	UNIT PRICE	AMOUNT
D) TRAFFIC CONTROL OF CYCLISTS AND PEDESTRIANS					
1. SIGNALISATION					
1.1	Supply and installation of an aluminum sheet signboard, including the support	8	unité	\$	\$
1.2	Barrier	2	unité	\$	\$
Subtotal :					\$
TOTAL SECTION :					\$
E) STRUCTURE					
1. DEMOLITION					
1.1	Slab demolition (including excavations)	1	lump sum	\$	\$
Subtotal :					\$
2. RECONSTRUCTION					
2.1	Slab and wall reconstruction (including backfill)	1	lump sum	\$	\$
2.2	Steel for gutters – Supply and installation (including the plate with holes, angle, dowel, plates, screws and others)	1	lump sum	\$	\$
Subtotal :					\$
TOTAL SECTION :					\$
TOTAL TUNNEL CHARLOIX :					\$

Rehabilitation of tunnel's drainage systems of Lachine Canal:
Charlevoix and Des Seigneurs
Y/REF. : CLAC-DRAINS-TUNNELS

PRICE TABLE - TUNNEL DES SEIGNEURS

ARTICLE	DESCRIPTION OF WORK	QTY	UNIT	UNIT PRICE	AMOUNT
A) CIVIL ENGINEERING WORK					
1. SITE PREPARATION AND DEMOLITION					
1.1	Asphalt pavement to be disposed of off site	40	m ²	\$	\$
1.2	Catch basins and 100 mm CPV drain to be disposed of offsite, including the grates, concrete bases and reinforcing rods	1	lump sum		
1.3	Existing gutter grates to be disposed of off site	1	lump sum	\$	\$
				Subtotal :	\$
2. DRAINAGE					
2.1	PDX-5 gutter from ABT Inc. or an approved equivalent to be installed in the existing gutter	6	m	\$	\$
2.2	PDX-5 gutter from ABT Inc. or the approved equivalent to be installed in the middle of the tunnel	3	m	\$	\$
2.3	Connection to the existing 150 mm Ø CPV drain	3	ea.	\$	\$
2.4	Existing drain to be cleaned, CPV 150 mm Ø	10	m	\$	\$
2.5	Existing storm sewer to be cleaned, 150 mm Ø	35	m	\$	\$
2.6	Existing storm sewer to be cleaned, 300 mm Ø RCP	25	m	\$	\$
2.7	Supply of additional grate sections	2	ea.	\$	\$
				Subtotal :	\$
3. ROADWAY					
3.1	EB-10S asphalt pavement, PG 58-28, variable thickness ±60mm, including the cleaning of the concrete surface before installing the asphalt pavement and the asphalt binder	40	m ²	\$	\$
				Subtotal :	\$
4. REPAIR OF ELECTRICAL TRENCHES					
4.1	Sod with 150 mm of black soil thickness	20	m ²	\$	\$
				Subtotal :	\$
5. SAFETY ITEMS					
5.1	Removal and disposition of actual guardrails	1	lump sum	\$	\$
5.2	Installation of guardrails mixed with fences including chemical anchorings	1	lump sum	\$	\$
				Subtotal :	\$
				TOTAL SECTION :	\$
C) ELECTRICAL ENGINEERING WORKS					
1. INSTALLATION OF A HEATING CABLE SYSTEM					
1.1	Excavating and backfilling of trenches, warning tape, compaction, excluding final restoration	10	m	\$	\$
1.2	Rigid PVC conduit 53 mm Ø, CSA C22.2 #211.2 buried in a sand bed	10	m	\$	\$
1.3	Polymer concrete buried pull box	2	ea.	\$	\$
1.4	Monoconductor cables #6 RWU 90 X-LINK (-40° C)	25	m	\$	\$
1.5	TECK cable 2#6	30	m	\$	\$
1.6	Watertight splices	4	ea.	\$	\$
1.7	Supply of heating cable system complete with related equipment and breaker	1	lump sum	\$	\$
1.8	Installation of the heating cable system, including commissioning by the supplier	1	lump sum	\$	\$
1.9	Modifications to the existing lighting control panel	1	lump sum	\$	\$
				TOTAL SECTION :	\$

**Rehabilitation of tunnel's drainage systems of Lachine Canal:
 Charlevoix and Des Seigneurs**
 Y/REF. : CLAC-DRAINS-TUNNELS

PRICE TABLE - TUNNEL DES SEIGNEURS

ARTICLE	DESCRIPTION OF WORK	QTY	UNIT	UNIT PRICE	AMOUNT
D) PAVEMENT MARKINGS AND SIGNALISATION					
1. PAVEMENT MARKINGS					
1.1	Removal of existing pavement markings	-	lump sum	\$	\$
1.2	Pavement marking of an edge line (for bicycle path)	320	m. lin.	\$	\$
1.3	Marking of a solid yellow dividing line (for bicycle path)	160	m. lin.	\$	\$
				Subtotal :	\$
2. SIGNALISATION					
2.1	Supply and installation of an aluminum sheet signboard, including the support	4	ea.	\$	\$
				Subtotal :	\$
				TOTAL SECTION :	\$
E) TRAFFIC CONTROL OF CYCLISTS AND PEDESTRIANS					
1. SIGNALISATION					
1.1	Supply and installation of an aluminum sheet signboard, including the support	11	unité	\$	\$
1.2	Barrier	3	unité	\$	\$
				Subtotal :	\$
2. SIGNALISATION SUR LE RÉSEAU ROUTIER					
2.1	Supply and installation of an aluminum sheet signboard, including the support	4	unité	\$	\$
				Subtotal :	\$
				TOTAL SECTION :	\$
				TOTAL TUNNEL DES SEIGNEURS :	\$

APPENDIX 3

The following form must be completed and signed prior to commencing work on Parks Canada Sites.

Attestation and Proof of Compliance with Occupational Health and Safety (OHS)

Submission of this completed form, satisfactory to Parks Canada, is a condition of gaining access to the work place.

Parks Canada recognizes that federal OHS legislation places certain specific responsibilities upon Parks Canada as owner of the work place. In order to meet those responsibilities, Parks Canada is implementing a contractor safety regime that will ensure that roles and responsibilities assigned under Part II of the *Canada Labour Code* and the *Canada Occupational Health and Safety Regulations* are implemented and observed when involving contractor(s) to undertake works in Parks Canada work places.

Parks Canada Responsible Authority/Project Lead	Address	Contact Information
Project Manager/Contracting Authority (delete as required)		
Prime Contractor		
Subcontractor(s) (add additional fields as required)		

Location of Work

General Description of Work to be Completed

Appendix 3 (cont'd)

Mark "Yes" where applicable.

	A meeting has been held to discuss hazards and access to the work place and all known and foreseeable hazards have been identified to the contractor and/or subcontractor(s)
	The contractor and/or its subcontractor(s) will comply with all federal and provincial/territorial legislation and Parks Canada's policies and procedures, regarding occupational health and safety.
	The contractor and/or its subcontractor(s) will provide all prescribed safety materials, equipment, devices and clothing.
	The contractor and/or its subcontractor(s) will ensure that its employees are familiar with and use all prescribed safety materials, equipment, devices and clothing at all times.
	The contractor and/or its subcontractor(s) will ensure that its activities do not endanger the health and safety of Parks Canada employees.
	The contractor and/or its subcontractor(s) has inspected the site and has carried out a hazard assessment and has put in place a health and safety plan and informed its employees accordingly, prior to the commencement of the work.
	Where a contractor and/or its subcontractor(s) will be storing, handling or using hazardous substances in the work place, it will place warning signs at access points warning persons of the presence of the substances and any precautions to be taken to prevent or reduce any hazard of injury or death.
	The contractor and/or its subcontractor(s) will ensure that its employees are instructed in respect of any emergency procedures applicable to the site.

I, _____ (contractor), certify that I have read, understood and attest that my firm, employees and all sub-contractors will comply with the requirements set out in this document and the terms and conditions of the contract.

Name _____ Signature _____

Date _____

ANNEX A
INSURANCE TERMS

CERTIFICATE OF INSURANCE

Description and Location of Work _____ Contract No. _____
 _____ Project No. _____

Name of Insurer, Broker or Agent _____ Address (No., Street) _____ City _____ Province _____ Postal Code _____

Name of Insured (Contractor) _____ Address (No., Street) _____ City _____ Province _____ Postal Code _____

Additional Insured _____

Her Majesty the Queen in Right of Canada as represented by the Minister of the Environment for the purposes of the Parks Canada Agency

Type of Insurance (Required when Checked)	Insurer Name and Policy Number	Inception Date D / M / Y	Expiry Date D / M / Y	Limits of Liability		
				Per Occurrence	Annual General Aggregate	Completed Operations Aggregate
<input checked="" type="checkbox"/> Commercial General Liability			\$	\$	\$	
<input type="checkbox"/> Umbrella/Excess Liability			\$	\$	\$	
<input type="checkbox"/> Builder's Risk / Installation Floater			\$			
<input type="checkbox"/> Pollution Liability			\$	<input type="checkbox"/> Per Incident <input type="checkbox"/> Per Occurrence	Aggregate \$	
<input type="checkbox"/> Marine Liability			\$			
<input type="checkbox"/> Aviation Liability			\$	<input type="checkbox"/> Per Incident <input type="checkbox"/> Per Occurrence	Aggregate \$	
<input type="checkbox"/>			\$			

I certify that the above policies were issued by insurers in the course of their Insurance business in Canada, are currently in force and include the applicable insurance coverages stated on page 2 of this Certificate of Insurance, including advance notice of cancellation / reduction in coverage.

Name of person authorized to sign on behalf of Insurer(s) (Officer, Agent, Broker) _____ Telephone Number _____

Signature _____ Date D / M / Y _____



<p>General</p> <p>The insurance policies required on page 1 of the Certificate of Insurance must be in force and must include the insurance coverages listed under the corresponding type of insurance on this page.</p> <p>The policies must insure the Contractor and must include Her Majesty the Queen in Right of Canada as represented by the Minister of Public Works and Government Services as an additional Insured.</p> <p>The insurance policies must be endorsed to provide Canada with not less than thirty (30) days notice in writing in advance of a cancellation of insurance or any reduction in coverage.</p> <p>Without increasing the limit of liability, the policies must protect all insured parties to the full extent of coverage provided. Further, the policies must apply to each Insured in the same manner and to the same extent as if a separate policy had been issued to each.</p>	<p>Commercial General Liability</p> <p>The insurance coverage provided must not be substantially less than that provided by the latest edition of IBC Form 2100.</p> <p>The policy must either include or be endorsed to include coverage for the following exposures or hazards if the Work is subject thereto:</p> <ul style="list-style-type: none"> (a) Blasting. (b) Pile driving and caisson work. (c) Underpinning. (d) Removal or weakening of support of any structure or land whether such support be natural or otherwise if the work is performed by the insured contractor. <p>The policy must have the following minimum limits:</p> <ul style="list-style-type: none"> (a) \$5,000,000 Each Occurrence Limit; (b) \$10,000,000 General Aggregate Limit per policy year if the policy contains a General Aggregate; and (c) \$5,000,000 Products/Completed Operations Aggregate Limit. <p>Umbrella or excess liability insurance may be used to achieve the required limits.</p>	<p>Builder's Risk / Installation Floater</p> <p>The insurance coverage provided must not be less than that provided by the latest edition of IBC Forms 4042 and 4047.</p> <p>The policy must permit use and occupancy of any of the projects, or any part thereof, where such use and occupancy is for the purposes for which a project is intended upon completion.</p> <p>The policy may exclude or be endorsed to exclude coverage for loss or damage caused by asbestos, fungi or spores, cyber and terrorism.</p> <p>The policy must have a limit that is not less than the sum of the contract value plus the declared value (if any) set forth in the contract documents of all material and equipment supplied by Canada at the site of the project to be incorporated into and form part of the finished Work. If the value of the Work is changed, the policy must be changed to reflect the revised contract value.</p> <p>The policy must provide that the proceeds thereof are payable to Canada or as Canada may direct in accordance with GC10-2, "Insurance Proceeds" (https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/R/R2900D/2).</p>
<p>Contractors Pollution Liability</p> <p>The policy must have a limit usual for a contract of this nature, but not less than \$1,000,000 per incident or occurrence and in the aggregate.</p>	<p>Marine Liability</p> <p>The insurance coverage must be provided by a Protection & Indemnity (P&I) insurance policy and must include excess collision liability and pollution liability.</p> <p>The insurance must be placed with a member of the International Group of Protection & Indemnity Associations or with a fixed market in an amount of not less than the limits determined by the <i>Marine Liability Act</i>, S.C. 2001, c. 6.</p> <p>Coverage must include crew liability, if it is not covered by the statutory requirements of the Territory or Province having jurisdiction over such employees.</p> <p>The policy must waive all rights of subrogation against Canada as represented by Public Works and Government Services Canada for any and all loss of or damage to the watercraft however caused.</p>	<p>Aviation Liability</p> <p>The insurance coverage shall include Bodily Injury (including passenger Bodily Injury) and Property Damage, in an amount of not less than \$5,000,000 per incident or occurrence and in the aggregate.</p>