



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS Á:

**Parks Canada Agency
Contracts/ Procurement Services
3 Passage du Chien-d'Or, Suite 200
Québec, QC G1R 3Z8**

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
Contracts/ Procurement Services
3 Passage du Chien-d'Or, Suite 200
Québec, QC G1R 3Z8**

Title-Sujet Major rehabilitation of Road 132 in Forillon National Park – Phase II		Date April 14, 2015
Solicitation No. - No. de l'invitation 5P300-15-5029/A		Client Ref. No. – No. de réf du client. 10150072
GETS Reference No. – No de reference de SEAG		
Solicitation Closes L'invitation prend fin – at – à 02:00 PM on – le Wednesday, May 6, 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 :		
Marilyn Bernier		
Telephone No. - No de téléphone (418) 648-4569		Fax No. – No de FAX: (418) 648-5392
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 telephone: _____		
Facsimile No. - N° de télécopieur: _____		
Name and title of person authorized to sign on behalf of the Vendor/Firm Nom et titre de la personne autorisée a 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 ontracts 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>

ASPHALT CEMENT PRICE ADJUSTMENT

This solicitation includes a price adjustment clause for asphalt cement. Refer to the Supplementary Conditions.

DEPARTMENTAL REPRESENTATIVE’S AUTHORITY

See related changes to GC2.1 of R2820D that have been included in the Standard Acquisition Clauses and Conditions (SACC)

INSURANCE TERMS

The Certificate of Insurance and its instructions has been replaced see Annex B. (Completed certificate is NOT required at bid closing)

SUPPORT THE USE OF APPRENTICES

Through Canada's Economic Action Plan 2013, the Government of Canada proposes to support the employment of apprentices in federal construction and maintenance projects. Refer to S11.

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R2710T GENERAL INSTRUCTIONS - CONSTRUCTION SERVICES - BID SECURITY REQUIREMENTS (GI) (2015-02-25)

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
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SPECIAL INSTRUCTIONS TO BIDDERS (SI)

SI01 INTEGRITY PROVISIONS - ASSOCIATED INFORMATION

By submitting a bid, the Bidder certifies that the Bidder and its Affiliates are in compliance with the provisions as stated in Section GI01 Integrity Provisions - Bid of General Instructions – Construction Services – Bid Security Requirements, R2710T. The associated information required within the Integrity Provisions 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 Requirements R2710T (2015-02-25)
 - d. Clauses & Conditions identified in "Contract Documents";
 - e. Drawings and Specifications;
 - f. Bid and Acceptance Form and related Appendix(s); 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 - Construction Services - Bid Security Requirements R2710T is 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/5/R>

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, enquiries should be received no later than five (5) calendar 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 CONFERENCE CALL

A bidders' conference will be held on **Friday April 24, 2015**. The conference call will begin at **10:00 (EDT)**. The scope of the requirement outlined in the bid solicitation will be reviewed during the conference call and questions will be answered. It is recommended that bidders who intend to submit a bid attend the conference call.

Bidders are requested to communicate with the Contracting Authority before the conference call to confirm attendance. Bidders should provide, in writing, to the Contracting Authority, the names of the person(s) who will be attending the conference call and a list of issues they wish to table at least 2 working days before the scheduled conference call.

Any clarifications or changes to the bid solicitation resulting from the bidders' conference call will be included as an amendment to the bid solicitation. Bidders who do not attend will not be precluded from submitting a bid.

Toll-free Dial-in number: 1 877-413-4788

Conference ID: 2519890

SI05 REVISION OF BID

A bid may be revised by letter or facsimile in accordance with G110 of R2710T. The facsimile number for receipt of revisions is 418 648-5392.

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 bid receiving office at CSQ.CONTRATS@PC.GC.CA or telephone at 418 648-4569.

SI07 INSUFFICIENT FUNDING

In the event that the lowest compliant bid exceeds the amount of funding allocated for the Work, Canada in its sole discretion may

- a. cancel the solicitation; or
- b. obtain additional funding and award the Contract to the Bidder submitting the lowest compliant bid; and/or
- c. negotiate a reduction in the bid price and/or scope of work of not more than 15% with the Bidder submitting the lowest compliant bid. Should an agreement satisfactory to Canada not be reached, Canada shall exercise option (a) or (b).

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 PUBLIC WORKS AND GOVERNMENT SERVICES CANADA AND DEFENCE CONSTRUCTION CANADA APPRENTICE PROCUREMENT INITIATIVE

1. To encourage employers to participate in apprenticeship training, Contractors bidding on construction and maintenance contracts by Public Works and Government Services Canada (PWGSC) are being asked to sign a voluntary certification, signaling their commitment to hire and train apprentices.
2. Canada is facing skills shortages across various sectors and regions, especially in the skilled trades. Equipping Canadians with skills and training is a shared responsibility. In Economic Action Plan (EAP) 2013, the Government of Canada made a commitment to support the use of apprentices in federal construction and maintenance contracts. Contractors have an important role in supporting apprentices through hiring and training and are encouraged to certify that they are providing opportunities to apprentices as part of doing business with the Government of Canada.
3. Through the Economic Action Plan 2013 and support for training programs, the Government of Canada is encouraging apprenticeships and careers in the skilled trades. In addition, the government offers a tax credit to employers to encourage them to hire apprentices. Information on this tax measure administered by the Canada Revenue Agency can be found at: www.cra-arc.gc.ca. Employers are also encouraged to find out what additional information and supports are available from their respective provincial or territorial jurisdiction.
4. Signed certifications (Appendix 4) will be used to better understand contractor use of apprentices on Government of Canada maintenance and construction contracts and may inform future policy and program development.
5. The Contractor hereby certifies the following:

In order to help meet demand for skilled trades people, the Contractor agrees to use, and require its subcontractors to use, reasonable commercial efforts to hire and train registered apprentices, to strive to fully utilize allowable apprenticeship ratios * and to respect any hiring requirements prescribed by provincial or territorial statutes

The Contractor hereby consents to this information being collected and held by PWGSC, and Employment and Social Development Canada to support work to gather data on the hiring and training of apprentices in federal construction and maintenance contracts.

To support this initiative, a voluntary certification signaling the Contractor's commitment to hire and train apprentices is available at Appendix 4.

If you accept fill out and sign Appendix 4

** The journey-person-apprentice ratio is defined as the number of qualified/certified journeypersons that an employer must employ in a designated trade or occupation in order to be eligible to register an apprentice as determined by provincial/territorial (P/T) legislation, regulation, policy directive or by law issued by the responsible authority or agency.*

SI11 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>

Standard Acquisition Clauses and Conditions (SACC) Manual

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

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>

PWGSC Consent to a Criminal Record Verification (PWGSC-TPSGC 229)

<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/229.pdf>

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, DOCUMENT SAFEGUARDING LOCATION

There is no security requirement applicable to this Contract.

SC02 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 ASPHALT CEMENT PRICE ADJUSTMENT

1. The price of asphalt cement incorporated into hot mix asphalt shall be adjusted for each month in which paving occurs when the price index for that month differs by more than 5% from the price index for the month prior to bid closing. The price adjustment shall be calculated in accordance with the applicable price adjustment formula of paragraph 2.

2. Price Adjustment formulae:

a. When the price index, for the month in which paving occurs, is higher than 105% of the price index for the month prior to bid closing, Canada shall pay the Contractor a compensation of:

(Example based on a 5% increase)

$$PA = (IM - 1.05 IB) \times \text{quantity of asphalt cement in tons}$$

b. When the price index, for the month in which paving occurs, is less than 95% of the price index for the month prior to bid closing, Canada shall deduct an amount from the monthly payment to the Contractor of:

(Example based on a 5% decrease)

$$PA = (.95IB - IM) \times \text{quantity of asphalt cement in tons}$$

PA = payment adjustment for asphalt cement, in dollars

IB = asphalt cement price index for the month prior to bid closing

IM = asphalt cement price index for the month in which paving occurs

The price index shall be the Asphalt Cement Price Index published monthly by the Ontario Ministry of Transportation (MTO) in the Contract Bulletin displayed on the MTO Web site <http://www.mto.gov.on.ca>. This price index shall be used to calculate the adjustment per ton of all grades of asphalt cement accepted into the Work.

3. For each month in which a payment adjustment is made, Canada shall use the fixed asphalt cement content of the final job mix formula to determine the asphalt cement quantity that is used.

4. The payment adjustments shall be made on the monthly Request for Progress Payment form for the months in which hot mix paving occurs.

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 – Construction Services	R2810D	(2015-02-25);
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);
 - e. Allowable Costs for Contract Changes Under GC6.4.1
Supplementary Conditions R2950D (2014-06-26);
 - f. Any amendment issued or any allowable bid revision received before the date and time set for solicitation closing;
 - g. Any amendment incorporated by mutual agreement between Canada and the Contractor before acceptance of the bid; and
 - h. 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. The language of the contract documents is the language of the Bid and Acceptance Form submitted.

BID AND ACCEPTANCE FORM (BA)

BA01 IDENTIFICATION

MAJOR REHABILITATION OF ROAD 132 IN FORILLON NATIONAL PARK – PHASE II

BA02 BUSINESS NAME AND ADDRESS OF BIDDER

Name: _____

Address: _____

Telephone: _____ Fax: _____ PBN: _____

BA03 THE OFFER

The Bidder offers to 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 thirty (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 **on or before March 31, 2016**.

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

APPENDIX 1 - COMBINED PRICE FORM (1 page)

- 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.

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.

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.

SUMMARY – SCHEDULE OF SUBMISSION

ITEM	DESCRIPTION	TOTAL
1.	CONSTRUCTION SITE ORGANIZATION	\$
2.	ROAD 132	\$
3.	NORTHERN SECTION ROAD	\$
4.	CAP-DES-ROSIERS BOULEVARD	\$
5.	BRIDGE FOR CAP-DES-ROSIERS STREAM	\$
	GRAND TOTAL DE LA SOUMISSION	\$
	Excluding applicable taxe(s)	

Item	Description of works	Quantity	Unit	Unit price	Amount
1	CONSTRUCTION SITE ORGANIZATION				
1.1	Construction site organization	1	global	_____ \$	_____ \$
1.2	Field office	1	global	_____ \$	_____ \$
1.3	Traffic and signalling management	1	global	_____ \$	_____ \$
1.4	Environmental protection measures	1	global	_____ \$	_____ \$
Sub-total 1. Construction site organization (see Summary page)					_____ \$

Item	Description of works	Quantity	Unit	Unit price	Amount
2.	ROAD 132				
2.1	Earthwork				
2.1.1	Removal and disposal of the existing culverts	1	global	\$	\$
2.1.2	1st-class excavation (provisional)	100	m3	\$	\$
2.1.3	2nd-class excavation	35 500	m3	\$	\$
2.1.4	150 mm perforated land drain and geotextile, Type-2 PE (provisional)	400	m	\$	\$
2.1.5	Drain outlet plans (provisional)	10	unit	\$	\$
2.1.6	Type-3 geotextile	500	m2	\$	\$
2.1.7	Galvanized corrugated steel pipe for electrical conduits, including caps	45	lin. m.	\$	\$
2.1.8	Exploratory well (provisional)	7	unit	\$	\$
2.2	Pavement structure				
2.2.1	50-mm-thick polystyrene thermal insulation	720	m2	\$	\$
2.2.2	600-mm-thick MG-112 crushed stone sub-base	22 000	m3	\$	\$
2.2.3	200-mm-thick MG-20 crushed stone base	6 200	m3	\$	\$
2.2.4	120-mm-thick MG-20b stone shoulder	2 200	m.t.	\$	\$
2.3	Paving				
2.3.1	Asphalt:				
	- 80-mm-thick GB-20 base layer	3 920	m.t.	\$	\$
	- 40-mm-thick ESG-10 surface layer	2 250	m.t.	\$	\$
2.3.2	Feeder vehicle	6 170	m.t.	\$	\$
2.4	Landscaping features				
2.4.1	100-mm-thick topsoil and ground cover	32 000	m2	\$	\$
2.4.2	Hydroseeding type:				
	- H-1	22 500	m2	\$	\$
	- H-3	9 500	m2	\$	\$

Item	Description of works	Quantity	Unit	Unit price	Amount
2.5	Safety elements				
2.5.1	Semi-rigid guardrail (DN-VIII-3-GSR-001) on 1,905 mm C to C wooden posts	840	lin. m.	\$	\$
2.5.2	Semi-rigid guardrail terminals with lateral deviation (L-W / B-1)	14	unit	\$	\$
2.5.3	Type-3 (DN-VIII-3-GSR-010A) semi-rigid transitional guardrail on wooden posts	4	unit	\$	\$
2.5.4	DN-II-4-001 approach curb	40	lin. m.	\$	\$
2.6	Signaling				
2.6.1	Small road signs including poles (include existing Road 132 and temporary road connection):				
	-Signs	125	unit	\$	\$
	-Panels	12	unit	\$	\$
2.6.2	Signal arrow (lighted) on trailer :				
	- Purchased	3	unit	\$	\$
	- Rent for 3 unit	52	weeks	\$	\$
2.6.3	Signaling structure for Forillon National Park road signs:				
	- HH-33581-9	1	unit	\$	\$
	- HH-33581-11	1	unit	\$	\$
	- HH-33581-12	2	unit	\$	\$
	- HH-33581-14	1	unit	\$	\$
	- HH-33581-15	1	unit	\$	\$
	- HH-33581-16	1	unit	\$	\$
	- HH-33581-17	1	unit	\$	\$
	- HH-33581-18	1	unit	\$	\$
	- HH-33581-23	2	unit	\$	\$
	- HH-33581-25	1	unit	\$	\$
	- HH-33581-27	1	unit	\$	\$
2.6.4	1st-class excavation for signalisation structure	75	m3	\$	\$

Item	Description of works	Quantity	Unit	Unit price	Amount
2.6.5	120-mm-wide pavement markings (medium duration):				
	Centre line (double)	2 150	lin. m.	\$	\$
	Lane boundary line	515	lin. m.	\$	\$
	Edge lines	4 300	lin. m.	\$	\$
	Other (hatching, arrows, etc.)	1	global	\$	\$
2.7	Drainage elements				
2.7.1	Culvert:				
	- 600 mm Ø RCP CL IV	40	lin. m.	\$	\$
	- 750 mm Ø RCP CL IV	55	lin. m.	\$	\$
2.7.2	Concrete sloped end section				
	- 600 mm Ø	2	unit	\$	\$
	- 750 mm Ø	4	unit	\$	\$
2.7.3	Outlet ditch	50	lin. m.	\$	\$
2.7.4	Rock ballast including Type-5 geotextile membrane:				
	Type 2, 200-100 calibre, 50% > 150 mm	1 450	m2	\$	\$
	Type 3, 300-200 calibre, 50% > 250 mm	1 050	m2	\$	\$
	Type 4, 400-300 calibre, 50% > 350 mm (Provisional)	200	m2	\$	\$
2.7.5	Stone box culvert	20	lin. m.	\$	\$
2.7.6	Slope stabilization rock ballast	1 200	m2	\$	\$
Sub-total 2. Road 132 (see Summary page)					\$

Item	Description of works	Quantity	Unit	Unit price	Amount
3	NORTH SECTOR ROAD				
3.1	Earthwork				
3.1.1	Removal of existing road pavement	920	m2	\$	\$
3.1.2	Removal and disposal of the existing culverts	1	global	\$	\$
3.1.3	1st-class excavation (provisional)	50	m3	\$	\$
3.1.4	2nd-class excavation	1 900	m3	\$	\$
3.1.5	Galvanized corrugated steel pipe for electrical conduits, including caps	26	lin. m.	\$	\$
3.2	Pavement structure				
3.2.1	450-mm-thick MG-112 crushed stone sub-base	1 065	m3	\$	\$
3.2.2	150-mm-thick MG-20 crushed stone base	315	m3	\$	\$
3.2.3	120-mm-thick MG-20b stone shoulder, all transportation incl. in total	70	m. t.	\$	\$
3.3	Paving				
3.3.1	Asphalt:				
	- 60-mm-thick ESG-14 base layer	200	m. t.	\$	\$
	- 40-mm-thick ESG-10 surface layer	150	m. t.	\$	\$
3.3.2	Feeder vehicle	350	m. t.	\$	\$
3.3.3	120-mm-wide pavement markings (medium duration):				
	- Centre line (double)	200	lin. m.	\$	\$
	- Edge lines	400	lin. m.	\$	\$
	- Other (hatching, arrows, etc.)	1	global	\$	\$

Item	Description of works	Quantity	Unit	Unit price	Amount
3.3.4	Maintenance of Northern Sector Road (provisional quantities for maintenance of the existing road)	500	m2	\$	\$
3.4	Landscaping features				
3.4.1	100-mm-thick topsoil and ground cover	1 200	m2	\$	\$
3.4.2	Hydroseeding type:				
	- H-1	800	m2	\$	\$
	- H-3	400	m2	\$	\$
3.4.3	Renaturation of existing abandoned pavement	2 500	m2	\$	\$
3.5	Safety elements				
3.5.1	DN-II-4-001 precast curb	30	lin. m.	\$	\$
3.5.2	Curb bullnose				
	DN-II-5-001 0.5 m radius	1	unit	\$	\$
	1.5 m radius	1	unit	\$	\$
3.6	Signage				
3.6.1	Small road signs including poles				
	Signs	7	unit	\$	\$
	Panels	2	unit	\$	\$
3.7	Drainage elements				
3.7.1	Culvert				
	- 750 mm Ø RCP CL IV	25	lin. m.	\$	\$
3.7.2	Concrete sloped end section				
	- 750 mm Ø	2	unit	\$	\$

Item	Description of works	Quantity	Unit	Unit price	Amount
3.7.3	Off-take drains	25	lin. m.	_____ \$	_____ \$
3.7.4	Rock ballast, including Type-5 geotextile and membrane:				
	Type 2, 200-100 calibre, 50% > 150 mm	160	m2	_____ \$	_____ \$
	Type 3, 300-200 calibre, 50% > 250 mm	50	m2	_____ \$	_____ \$
3.7.5	Slope stabilization rock ballast (provisional)	50	m2	_____ \$	_____ \$

Sub-total 3. Northern Section Road (see Summary page) _____ \$

Item	Description of works	Quantity	Unit	Unit price	Amount
4	CAP-DES-ROSIERS BOULEVARD				
4.1	Earthwork				
4.1.1	Removal of existing road pavement	4 800	m2	\$	\$
4.1.2	Removal and disposal of the existing culverts	1	global	\$	\$
4.1.3	Removal and disposal of existing guardrails	1	global	\$	\$
4.1.4	Removal and disposal of existing road signs	1	global	\$	\$
4.1.5	1st-class excavation	50	m3	\$	\$
4.1.6	2nd-class excavation	800	m3	\$	\$
4.1.7	Galvanized corrugated steel pipe for electrical conduits, including caps	18	lin. m.	\$	\$
4.2	Pavement structure				
4.2.1	450-mm-thick MG-112 crushed stone sub-base	450	m3	\$	\$
4.2.2	150-mm-thick MG-20 crushed stone base	190	m3	\$	\$
4.2.3	120-mm-thick MG-20b stone shoulder	50	m. t.	\$	\$
4.3	Paving				
4.3.1	Asphalt:				
	- 60-mm-thick ESG-14 base layer	120	m. t.	\$	\$
	- 40-mm-thick ESG-10 surface layer	75	m. t.	\$	\$
4.4	Landscaping features				
4.4.1	100-mm-thick topsoil and ground cover	1 000	m2	\$	\$

Item	Description of works	Quantity	Unit	Unit price	Amount
4.4.2	Hydroseeding type :				
	- H-1	700	m2	\$	\$
	- H-3	300	m2	\$	\$
4.5	Signage				
4.5.1	Small road signs including poles				
	Sign	1	unit	\$	\$
4.5.2	120-mm-wide pavement markings (medium duration):				
	Centre line (double)	100	lin. m.	\$	\$
	- Edge lines	200	lin. m.	\$	\$
	- Other (hatching, arrows, etc.)	1	global	\$	\$
4.6	Drainage elements				
4.6.1	Excavation of off-take drain	25	lin. m.	\$	\$
4.6.2	Rock ballast, including Type-5 geotextile and membrane:				
	Type 2, 200-100 calibre, 50% > 150 mm (provisional)	100	m2	\$	\$
Sub-total 4. Cap-des-Rosiers Boulevard (see Summary page)					\$

Item	Description of works	Quantity	Unit	Unit price	Amount
5	BRIDGE FOR CAP-DES-ROSIERS STREAM				
5.1	Excavation – embankment – slope protection				
5.1.1	1st-class excavation for civil engineering structure, including backfilling	511	m3	\$	\$
5.1.2	2nd-class excavation for civil engineering structure, including backfilling	1	global	\$	\$
5.1.3	Cofferdam - Abutment 1	1	global	\$	\$
5.1.4	Cofferdam - Abutment 2	1	global	\$	\$
5.1.5	Riprap protection of road surface, stone, 200-300 calibre, 50% > 250 mm, with geotextile	300	m2	\$	\$
5.1.6	Riprap protection of road surface, stone, 300-500 calibre, 50% > 400 mm, with geotextile	563	m2	\$	\$
5.2	Base				
5.2.1	Concrete support layers (abutments 1 and 2)	18	m3	\$	\$
5.2.2	Concrete for the footings (abutments 1 and 2)	237	m3	\$	\$
5.2.3	Containment concrete for the footings (abutments 1 and 2)	19	m3	\$	\$
5.2.4	Concrete for the footings (abutments 1 and 2)	359	m3	\$	\$
5.2.5	Galvanized steel (reinforcement)	57949	kg	\$	\$
5.2.6	Granule material support layer (approach slab)	45	m3	\$	\$
5.2.7	Approach slab concrete	50	m3	\$	\$
5.2.8	Approach slab reinforcement (galvanized steel)	6363	kg	\$	\$
5.2.9	200-mm perforated land drain and geotextile, Type-1 PVC or Type-1 PVC COEX or Type-2 PE, min. 180 kPa.	50	m	\$	\$

Item	Description of works	Quantity	Unit	Unit price	Amount
5.3	Bridge bearings				
5.3.1	Laminated bearing	10	unit	\$	\$
5.4	Deck				
5.4.1	Steel structure (steel reinforcement)	1	global	\$	\$
5.4.2	Type 210D guardrail with parapet for bike path (including guardrails over return walls)	91	m	\$	\$
5.4.3	Concrete slab (on girders)	75	m3	\$	\$
5.4.4	Galvanized reinforcement slab (on girders)	16866	kg	\$	\$
5.4.5	Concrete (curb) including curb and approaches	19	m3	\$	\$
5.4.6	Galvanized steel reinforcement (curb), including reinforcement of curb at approaches	1915	kg	\$	\$
5.4.7	Elastomer gasket deck joint	13	m	\$	\$
5.5	Waterproof membrane and paving				
5.5.1	Cleaning of slab surfaces	333	m2	\$	\$
5.5.2	Temporary asphalt	64	t	\$	\$
5.5.3	Cleaning of slab existing surfaces	333	m2	\$	\$
5.5.4	Waterproof membrane	333	m2	\$	\$
5.5.5	Permanent asphalt	64	t	\$	\$
5.6	Other elements				
5.6.1	Motorized access equipment for inspection	1	global	\$	\$
5.6.2	Heating of components (concrete slab on girders and curb)	87	m3	\$	\$

Item	Description of works	Quantity	Unit	Unit price	Amount
5.6.3	Cold weather protection (amount fixed by the Ministry) – Type 3 - Shelter and heating	370	m2	64,75 \$	23957,50 \$
5.6.4	Cold weather protections (amount fixed by the Ministry) – Type 1 - Insulation (RSI 0.4 per layer), with assumption of two layers	360	m2	17,70 \$	6372,00 \$
Sub-total 5. Cap-des-Rosiers Stream Bridge (see Summary page)					_____ \$

APPENDIX 3 - VOLUNTARY CERTIFICATION TO SUPPORT THE USE OF APPRENTICES

Note; The contractor will be asked to fill out a report every six months or at project completion as per sample "Voluntary Reports for Apprentices Employed during the Contract" provided at Annex C

Name: _____

Signature: _____

Company Name: _____

Company Legal Name: _____

Solicitation Number: _____

Number of company employees: _____

Number of apprentices planned to be working on this contract: _____

Trades of those apprentices:

APPENDIX 4 – DEPARTMENTAL REPRESENTATIVE'S AUTHORITY

TO BE PROVIDED AT CONTRACT AWARD.

Contracting Authority is :

Marilyn Bernier

A/Advisor, National Contracting Services

Parks Canada Agency

Chief financial Officer Directorate

Telephone : 418- 648-4569

e-mail : CSQ.Contrats@pc.gc.ca

Technical Authority is :

Name : _____

Title : _____

Department : _____

Division : _____

Telephone : ____ - ____ - _____

e-mail : _____

ANNEX A - CERTIFICATE OF INSURANCE (Not required at solicitation closing)

