



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

Travaux publics et Services gouvernementaux
Canada
Place Bonaventure,
800 rue de la Gauchetière Ouest
Voir aux présentes - See herein
Montréal
Québec
H5A 1L6

INVITATION TO TENDER

APPEL D'OFFRES

**Tender To: Public Works and Government Services
Canada**

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: Travaux Publics et Services
Gouvernementaux 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 - Commentaires

Vendor/Firm Name and Address

Raison sociale et adresse du
fournisseur/de l'entrepreneur

Issuing Office - Bureau de distribution

Travaux publics et Services gouvernementaux Canada
Place Bonaventure,
800 rue de la Gauchetière Ouest
Voir aux présentes - See herein
Montréal
Québec
H5A 1L6

Title - Sujet Réfection murs Canal Lachine-Bief 3	
Solicitation No. - N° de l'invitation EE520-180515/A	Date 2017-07-21
Client Reference No. - N° de référence du client R.077223.110	GETS Ref. No. - N° de réf. de SEAG PW-\$MTC-255-14435
File No. - N° de dossier MTC-7-40101 (255)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-09-05	
Time Zone Fuseau horaire Heure Avancée de l'Est HAE	
F.O.B. - F.A.B.	
Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Desforges, Julie	Buyer Id - Id de l'acheteur mtc255
Telephone No. - N° de téléphone (514) 496-3413 ()	FAX No. - N° de FAX (514) 496-3822
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: MINISTERE DES TRAVAUX PUBLICS ET SERVICES GOUVERNEMENTAUX CANADA ESC 2 - PARCS CST 2 - PARKS 3, PASSAGE DU CHIEN D'OR QUEBEC Québec G1R 3Z8 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
.	
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

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INVITATION TO TENDER

Rehabilitation of the Lachine Canal Walls, Reach 3 – Sector 11
Montreal, Quebec

IMPORTANT NOTICE TO BIDDERS

PROMPT PAYMENT IN THE CONSTRUCTION INDUSTRY

Prompt Payment Principles

Public Services and Procurement Canada advocates that construction-related payments should follow these three principles:

- Promptness: The department will review and process invoices promptly. If disputes arise, Public Services and Procurement Canada will pay for items not in dispute, while working to resolve the disputed amount quickly and fairly
- Transparency: The department will make construction payment information such as payment dates, company names, contract and project numbers, publicly available; likewise, contractors are expected to share this information with their lower tiers
- Shared responsibility: Payers and payees are responsible for fulfilling their contract terms including their obligations to make and receive payment, and to adhere to industry best practices

For more information: <http://www.tpsqc-pwgsc.gc.ca/biens-property/divulgation-disclosure/psdic-ppci-eng.html>

ASPHALT CEMENT PRICE ADJUSTMENT

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

SUPPORT THE USE OF APPRENTICES

The Government of Canada proposes to support the employment of apprentices in federal construction and maintenance projects. Refer to SI09.

PWGSC UPDATE ON ASBESTOS USE

Effective April 1, 2016, all Public Works and Government Services Canada (PWGSC) contracts for new construction and major rehabilitation will prohibit the use of asbestos-containing materials. Further information can be found at <http://www.tpsqc-pwgsc.gc.ca/comm/vedette-features/2016-04-19-00-eng.html>

ADDITION OF PERFORMANCE EVALUATION-CONTRACT

Take note of the additional paragraph to be included in clause R2810D identified in SC04.

ADDITION OF TERMINOLOGY

Take note of the additional paragraph to be included in clause R2810D identified in SC05.

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R2710T GENERAL INSTRUCTIONS - CONSTRUCTION SERVICES - BID SECURITY REQUIREMENTS (GI) (2017-04-27)

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 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 (2016-04-27)
 - 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>

SI02 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 at e-mail address julie.desforges@tpsgc-pwgsc.gc.ca as early as possible within the solicitation period. Except for the approval of alternative materials as described in G15 of R2710T, enquiries should be received no later than ten (10) 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.

SI03 OPTIONAL SITE VISIT

There will be a site visit on August 23rd 2017, at 10:00 am. Interested bidders are to meet near 5080 St-Ambroise Street, north side of the lock #4, at the exit of the temporary footbridge over the lock, Lachine canal, Montreal, Quebec.

SI04 REVISION OF BID

A bid may be revised by letter or facsimile in accordance with G10 of R2710T. The facsimile number for receipt of revisions is (514) 496-3822.

SI05 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. The responsive bid carrying the lowest price will be recommended for contract award.
3. Following solicitation closing, bid results may be obtained by calling at number (514) 496-3388.

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SI06 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 SI06 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 SI06 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.

SI07 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. Additional copies, up to a maximum five (5), will be provided free of charge upon request by the Contractor. Obtaining more copies shall be the responsibility of the Contractor including costs.

SI08 PUBLIC WORKS AND GOVERNMENT SERVICES 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. 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. 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.

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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/contexte-context-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>

Declaration Form
<http://www.tpsgc-pwgsc.gc.ca/ci-if/formulaire-form-eng.html>

SI12 FINANCIAL BID

The total amount of the bid excludes taxes

SUPPLEMENTARY CONDITIONS (SC)

SC01 INDUSTRIAL SECURITY RELATED REQUIREMENTS, DOCUMENT SAFEGUARDING

There is no document 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.

SC03 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)

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

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 reference prices will be those published monthly by "Bitume Québec" which are posted on the "Bitume Québec" website <http://www.bitumequebec.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.

SC04 PERFORMANCE EVALUATION-CONTRACT

R2810D General Condition is modified to include the following GC1.22.

GC1.22 Performance Evaluation-Contract

1. Contractors shall take note that the performance of the Contractor during and upon completion of the services shall be evaluated by Canada. The evaluation includes all or some of the following criteria:
 - a. quality of workmanship
 - b. time
 - c. project management
 - d. contract management
 - e. health and safety
2. A weighting factor of 20 points will be assigned to each of the five criteria as follows:
 - a. unacceptable: 0 to 5 points
 - b. not satisfactory: 6 to 10 points
 - c. satisfactory: 11 to 16 points
 - d. superior: 17 to 20 points
3. The consequences resulting from the performance evaluation are as follows:
 - a. For an overall rating of 85% or higher, a congratulation letter is sent to the Contractor.
 - b. For an overall rating of between 51% and 84%, a standard, meets expectations letter, is sent to the Contractor.
 - c. For an overall rating of between 30% and 50%, a warning letter is sent to the Contractor indicating that if, within the next two (2) years, they receive 50% or less on another evaluation, the firm may be suspended from any new PWGSC solicitations for construction services, architectural and engineering services or facility maintenance services, of real property projects, for a period of one year.
 - d. For an overall rating of less than 30%, a suspension letter is sent to the Contractor indicating that the firm is suspended from any new PWGSC solicitations for construction services, architectural and engineering services or facility maintenance services, of real property projects, for a period of one year.
 - e. For a rating of 5 points or less on any one criterion, a suspension letter is sent to the Contractor indicating that the firm is suspended from any new PWGSC solicitations for construction services, architectural and engineering services or facility maintenance services, of real property projects, for a period of one year.

The form PWGSC-TPSGC 2913, Select - Contractor Performance Evaluation Report (CPERF), is used to record the performance.

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SC05 INTERPRETATION

R2810D General Condition GC1.1.2 Terminology is modified to include the following,

- “Architectural and Engineering Services”:
Mean’s services to provide a range of investigation and recommendation reports, planning, design, preparation, or supervision of the construction, repair, renovation or restoration of a work and includes contract administration services, for real property projects.
- “Construction Services”:
means construction, repair, renovation or restoration of any work except a vessel and includes; the supply and erection of a prefabricated structure; dredging; demolition; environmental services related to a real property; or, the hire of equipment to be used in or incidentally to the execution of any construction services referred to above.
- “Facility Maintenance Services”:
means services related to activities normally associated with the maintenance of a facility and keeping spaces, structures and infrastructure in proper operating condition in a routine, scheduled, or anticipated fashion to prevent failure and/or degradation including inspection, testing, servicing, classification as to serviceability, repairs, rebuilding and reclamation, as well as cleaning, waste removal, snow removal, lawn care, replacement of flooring, lighting or plumbing fixtures, painting and other minor works.

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	(2016-04-04);
GC2	Administration of the Contract-	R2820D	(2016-01-28);
GC3	Execution and Control of the Work	R2830D	(2015-02-25);
GC4	Protective Measures	R2840D	(2008-05-12);
GC5	Terms of Payment	R2850D	(2016-01-28);
GC6	Delays and Changes in the Work	R2860D	(2016-01-28);
GC7	Default, Suspension or Termination of Contract	R2870D	(2008-05-12);
GC8	Dispute Resolution	R2882D	(2016-01-28);
GC9	Contract Security	R2890D	(2014-06-26);
GC10	Insurance	R2900D	(2008-05-12);
	Allowable Costs for Contract Changes Under GC6.4.1	R2950D	(2015-02-25);
	Supplementary Conditions		
 - 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. The language of the contract documents is the language of the Bid and Acceptance Form submitted.

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BID AND ACCEPTANCE FORM (BA)

BA01 IDENTIFICATION

Rehabilitation of the Lachine Canal Walls, Reach 3 – Sector 11 Montreal, Quebec

BA02 BUSINESS NAME AND ADDRESS OF BIDDER

Name: _____

Address: _____

Telephone: _____ Fax: _____ PBN: _____

E-mail address: _____

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 sixty (60) 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 within one hundred and twelve (112) weeks from October 16th 2017.

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.

Item	DESCRIPTION OF ARTICLES	Units of Measurement	Quantity	Unit Price	Total (\$)
CONTRACTOR GENERAL CONDITIONS					
1.3.1	SITE ORGANISATION	Lump sum	1		\$
1.3.2	TRAFFIC MAINTENANCE AND TEMPORARY SIGNALING	Lump sum	1		\$
1.3.3	SUPPLY AND INSTALLATION OF SPECIAL PANELS FOR THE DEPARMENTAL REPRESENTATIVE'S REQUIREMENTS	m ²	20		\$
1.3.4	ENVIRONMENTAL PROTECTION AND WATER MANAGEMENT	Lump sum	1		\$
SUB TOTAL – CONTRACTOR GENERAL CONDITIONS					\$
WALL REHABILITATION – SECTOR 11					
1.3.5	WORK FOR MISCELLANEOUS EQUIPMENT				
1.3.5.1	Removal, return to owner or reinstallation of existing equipment	Lump sum	1		\$
1.3.5.2	Removal and reinstallation of existing paving blocks	Lump sum	1		\$
1.3.5.3	Transportation, preparation and installation of new lamp post drums	Lump sum	1		\$
1.3.5.4	Transportation, supply, preparation and installation of new guardrail rails to replace	Lump sum	1		\$
1.3.5.5	Transportation, preparation and installation of new guardrail posts to replace	Lump sum	1		\$
Sub-total – WORK FOR MISCELLANEOUS EQUIPMENT					\$
1.3.6	DEMOLITION WORKS				
1.3.6.1	Demolition, transportation and disposal of the existing asphalt on the Lachine Canal path	Lump sum	1		\$
1.3.6.2	Demolition, transportation and temporary storage of concrete from bollard bases separated from the wall, as well as bases for existing lampposts, guardrails, poles, monuments and steles	Lump sum	1		\$
1.3.6.3	Demolition, transportation and disposal of concrete from the coping wall and vintage bollard bases built on the wall	Lump sum	1		\$
1.3.6.4	Partial demolition, transportation and disposal of concrete from the front and top of the existing retaining wall to be repaired	Lump sum	1		\$
1.3.6.5	Existing valve chambers, valves, pipes and hydrants to be demolished	Lump sum	1		\$
Sub-total – DEMOLITION WORKS					\$

Item	DESCRIPTION OF ARTICLES	Units of Measurement	Quantity	Unit Price	Total (\$)
1.3.7	CONCRETE AND ASSOCIATED WORK				
1.3.7.1	Supply and installation of concrete for the new coping wall and the bases for bollards attached to the wall	m³	4 350		\$
1.3.7.2	Supply and installation of concrete (cast in place or shotcrete) for concrete repair work without any additional thickness of the front and top of the existing retaining wall to be repaired				
1.3.7.2.2.1	Repair without extra thickness ≤ 150mm depth	m³	577		\$
1.3.7.2.2.2	Repair without extra thickness ≤ 450mm depth	m³	135		\$
1.3.7.3	Supply and installation of new concrete bases for lamppost drums	Lump sum	1		\$
1.3.7.4	Re-installation of existing concrete bases for vintage bollards (detached from the wall), monuments, historic posts and steles	Lump sum	1		\$
1.3.7.5	Supply and installation of new concrete bases (if required) to support vintage bollards, monuments, historic posts, steles or other elements	Unit	5		\$
1.3.7.6	Supply and installation of the concrete for the new anchor blocks for tie-rods behind the coping wall	Lump sum	1		\$
Sub-total – CONCRETE AND ASSOCIATED WORK					\$
1.3.8	METAL WORKS				
1.3.8.1	Supply and installation of tie rods and accessories behind the coping wall	Lump sum	1		\$
1.3.8.2	Rehabilitation and relocation of existing vintage bollards to be recuperated	Lump sum	1		\$
1.3.8.3	Supply and installation of the new vintage ladders	Lump sum	1		\$
Sub-total – METAL WORKS					\$
1.3.9	CIVIL WORK				
1.3.9.1	Contaminated Materials Management Plan	Lump sum	1		\$
1.3.9.2	Excavation, transportation and disposal or temporary storage (if required) of uncontaminated excavated material and excavation material for the repair of the wall	Lump sum	1		\$
1.3.9.3	Supplements for disposal and off-site disposal of cut material and contaminated material				
1.3.9.3.1.1	Supplement for disposal/elimination of excavated material, the concentration of contaminants, after characterization, is in range A-B	tonne	23 000		\$
1.3.9.3.1.2	Supplement for disposal/elimination of cut materials with concentration of contaminants, after characterization, in the B-C Range	tonne	17 000		\$
1.3.9.3.1.3	Supplement for disposal/elimination of excavated material with contaminant concentration, after characterization, above criterion C and below the limit value of RESC	tonne	1 000		\$
1.3.9.3.1.4	Supplement for disposal/elimination of large stones or boulders with a volume greater than 1 cubic metre	m³	25		\$
1.3.9.3.1.5	Supplement for disposal/elimination of leachate or contaminated water	m³	10		\$
1.3.9.4	Controlled backfill behind the wall with approved granular materials from cut material characterised on site	tonne	654		\$
1.3.9.5	Controlled backfill behind the wall with MG-112 type borrow materials	tonne	11 785		\$
1.3.9.6	Controlled backfill behind the wall with MG-80 type borrow materials	tonne	24 030		\$
1.3.9.7	Controlled backfill under the new infrastructure, excluding the foundation and sub-foundation of the new multi-purpose path, with MG-20 type borrow materials	tonne	1 580		\$
1.3.9.8	New multi-purpose path	Lump sum	1		

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Item	DESCRIPTION OF ARTICLES	Units of Measurement	Quantity	Unit Price	Total (\$)
1.3.9.9	Work of topsoil and sodding	Lump sum	1		\$
1.3.9.10	Planting work (trees to be resettled if required)	Unit	10		\$
1.3.9.11	Perforated drains, filtering materials and geotextiles	Lump sum	1		\$
Sub-total – CIVIL WORK					\$
1.3.10	MISCELLANEOUS EQUIPMENT				
1.3.10.1	Temporary Footbridge to Lock#4	Lump sum	1		\$
1.3.10.2	Repair of connecting brackets for tie-rods and coordination for reinstallation of floating docks at lock # 4	Lump sum	1		\$
Sub-total – MISCELLANEOUS EQUIPMENT					\$
1.3.11	ELECTRICAL				
1.3.11.1	Underground ductwork, electrical wiring for street lights, lighting and control, etc.	Lump sum	1		\$
Sub-total – ELECTRICAL					\$
SUB TOTAL - WALL REHABILITATION – SECTOR 11					\$
TOTAL					\$

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APPENDIX 3 - LISTING OF SUBCONTRACTORS

- 1) In accordance with GI07 - Listing of Subcontractors and Suppliers of R2710T- General Instructions - Construction Services - Bid Security Requirements, the Bidder should provide a list of Subcontractors with his Bid.
- 2) The Bidder should submit the list of Subcontractors and for any portion of the Work valued at 20% or greater of the submitted Bid Price.

	Subcontractor	Division	Estimated value of work
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

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APPENDIX 4 - 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:

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

CERTIFICATE OF INSURANCE

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Travaux publics et
Services gouvernementaux
Canada

Public Works and
Government Services
Canada

Description and Location of Work Rehabilitation of the Lachine Canal Walls, Reach 3 – Sector 11, Montreal, Quebec	Contract No. EE520-180515
	Project No. R.077223.110

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 <i>Her Majesty the Queen in Right of Canada as represented by the Minister of Public Works and Government Services</i>				

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

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 coverage's 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

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General

The insurance policies required on page 1 of the Certificate of Insurance must be in force and must include the insurance coverage listed under the corresponding type of insurance on this page.

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.

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.

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.

Commercial General Liability

The insurance coverage provided must not be substantially less than that provided by the latest edition of IBC Form 2100.

The policy must either include or be endorsed to include coverage for the following exposures or hazards if the Work is subject thereto:

- (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.

The policy must have the following minimum limits:

- (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.

Umbrella or excess liability insurance may be used to achieve the required limits.

Builder's Risk / Installation Floater

The insurance coverage provided must not be less than that provided by the latest edition of IBC Forms 4042 and 4047.

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.

The policy may exclude or be endorsed to exclude coverage for loss or damage caused by asbestos, fungi or spores, cyber and terrorism.

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.

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>).

Contractors Pollution Liability

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.

Marine Liability

The insurance coverage must be provided by a Protection & Indemnity (P&I) insurance policy and must include excess collision liability and pollution liability.

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 *Marine Liability Act*, S.C. 2001, c. 6. Coverage must include crew liability, if it is not covered by the statutory requirements of the Territory or Province having jurisdiction over such employees.

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.

