

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
Réception des soumissions - TPSGC / Bid
Receiving - PWGSC
1550, Avenue d'Estimauville
1550, D'Estimauville Avenue
Québec
Québec
G1J 0C7

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
TPSGC-PWGSC
601-1550, Avenue d'Estimauville
Québec
Québec
G1J 0C7

Title - Sujet Reconst. Manège militaire Québec	
Solicitation No. - N° de l'invitation EE520-151410/B	Date 2015-01-13
Client Reference No. - N° de référence du client EE520-151410	GETS Ref. No. - N° de réf. de SEAG PW-\$QCM-009-16291
File No. - N° de dossier QCM-4-37219 (009)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2015-02-23	
Time Zone Fuseau horaire Eastern Standard Time EST	
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: Thellend, François	Buyer Id - Id de l'acheteur qcm009
Telephone No. - N° de téléphone (418) 649-2889 ()	FAX No. - N° de FAX (418) 648-2209
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: MINISTERE DES TRAVAUX PUBLICS ET SERVICES GOUVERNEMENTAUX CANADA 3, PASSAGE DU CHIEN D'OR QUEBEC Québec G1R3Z8 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée VOIR DOC	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

Solicitation No. - N° de l'invitation

EE520-151410/B

Amd. No. - N° de la modif.

File No. - N° du dossier

QCM-4-37219

Buyer ID - Id de l'acheteur

qcm009

CCC No./N° CCC - FMS No/ N° VME

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

EE520-151410

INVITATION TO TENDER

IMPORTANT NOTICE TO BIDDERS

TWO-ENVELOPE BID

This Bid shall be submitted following a “two-envelope” procedure. Refer to SI06 of the Special Instructions to Bidders.

MANDATORY REQUIREMENTS

Clause SI09 - *Mandatory Requirements* presents the mandatory requirements the bids must comply with.

DEPARTMENTAL REPRESENTATIVE'S AUTHORITY

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

BID SECURITY REQUIREMENTS

Bidders are required to provide a bid security with their bid in the form of a bid bond or security deposit. The deposit must represent at least 10 percent of the amount of the bid, regardless of the bid value. See SI15 in the Special Instructions to Bidders.

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 SI16.

TABLE OF CONTENTS

SPECIAL INSTRUCTIONS TO BIDDERS (SI)

SI01	Introduction
SI02	Integrity Provisions – Associated Information
SI03	Bid Documents
SI04	Enquiries During the Solicitation Period
SI05	Bidder's conference and site visit
SI06	Submission of Bid
SI07	Revision of Bid
SI08	Opening of Bids / Evaluation
SI09	Mandatory requirements
SI10	Completion of Submission
SI11	Debriefings
SI12	Bid Validity Period
SI13	Construction Documents
SI14	Fairness monitor
SI15	Bid security requirements
SI16	Public Works and Government Services Canada and Defence Construction Canada Apprentice Procurement Initiative
SI17	Web Sites

R2710T GENERAL INSTRUCTIONS TO BIDDERS - CONSTRUCTION SERVICES - BID SECURITY REQUIREMENTS (GI) (2014-09-25)

The following sections of clause R2710T are set out in 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 Bid
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 requirements
- SC02 Insurance Terms
- SC03 Replacement of specific individuals
- SC04 Damages

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

APPENDIX 2 COMPLETE LIST OF EACH INDIVIDUAL WHO ARE CURRENTLY DIRECTORS AND OR OWNER OF THE BIDDER

APPENDIX 3 VOLUNTARY CERTIFICATION TO SUPPORT THE USE OF APPRENTICES

APPENDIX 4 DEPARTMENTAL REPRESENTATIVE'S AUTHORITY

APPENDIX 5 QUALIFICATION FORM

ANNEX A CERTIFICATE OF INSURANCE

ANNEX B VOLUNTARY REPORTS FOR APPRENTICES EMPLOYED DURING THE CONTRACT

SPECIAL INSTRUCTIONS TO BIDDERS (SI)

SI01 INTRODUCTION

1. Public Works and Government Services Canada (PWGSC) intends to retain a Contractor to provide construction services for the project as set out in this Invitation to tender (ITT).
2. Bidders responding to this ITT are requested to submit a full and complete quotation (refer to SI06 'Submission of Bid'). The bid will cover not only the qualifications, experience and organization of the Bidder (Envelope 1 - Qualifications), but also the pricing and terms offered (Envelope 2 - Price).

SI02 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 GI01 of Integrity Provisions - Bid of General Instructions – Construction Services – Bid Security Requirements, R2710T (2014-09-25). The associated information required within the Integrity Provisions will assist Canada in confirming that the certifications are true.

SI03 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 (2014-09-25)
 - 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>

SI04 ENQUIRIES DURING THE SOLICITATION PERIOD

1. Enquiries regarding this bid must be submitted in writing to francois.thellend@tpsgc-pwgsc.gc.ca 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.

SI05 BIDDER'S CONFERENCE AND SITE VISIT

There will be a bidder's conference followed by a site visit on **January 29, 2015**.

The bidder's conference will be held at 09h30AM in the multipurpose room (2nd floor), 1550 D'Estimauville Avenue, Québec (Québec), G1J 0C7. During the conference, the scope of the requirement will be reviewed and there will be a question and answer session.

The site visit will take place at 01:30PM and the meeting point will be in the back yard of the Armoury, accessed by going through the left entrance of the Armoury located at 805 Wilfrid Laurier Avenue East, Québec (Québec). Individuals participating in the site visit shall have safety boots and a helmet.

Bidders are requested to communicate with francois.thellend@tpsgc-pwgsc.gc.ca before the event to confirm attendance. Bidders should provide, in writing, to the Contracting Authority, the names of the person(s) who will be attending, the questions they wish to be addressed and their language preference (English or French), by Monday January 26, 04:00PM at the latest. PWGSC reserves the right to limit the number of participants to two (2) persons per bidder.

It is recommended that bidders who intend to submit a bid attend or send a representative. Any clarifications or changes to the invitation to tender resulting from the bidders' conference and site visit will be included as an amendment to the invitation to tender. Bidders who do not attend will not be precluded from submitting a bid.

SI06 SUBMISSION OF BID

Section GI09 of R2710T is replaced by the following:

1. The bid shall be submitted following a "two-envelope" procedure in which the Bidder submits the Qualifications Form and any required associated document(s) in envelope 1 and the Bid and Acceptance Form and any required associated document(s) in a envelope 2. Both envelopes shall be enclosed and sealed together in a third envelope, the bid envelope. All envelopes are to be provided by the Bidder.
2. The bid envelope shall be addressed and submitted to the office designated on the Front Page "Invitation to Tender" for the receipt of the bids, which is located at the following address:

Bid Receiving Unit – PWGSC
1550, D'Estimauville Avenue
Québec (Québec)
G1J 0C7

The bid must be received on or before the date and time set for solicitation closing. Prior to submitting the bid, the Bidder shall ensure that the following information is clearly printed or typed on the face of the bid envelope:

- a. Solicitation Number;
 - b. Name of Bidder;
 - c. Return address; and
 - d. Closing Date and Time.
3. The Qualifications Form (Appendix 5), and any required associated document(s), shall be enclosed and sealed in an envelope with the following information clearly printed or typed on the face of the envelope:
- a. ENVELOPE 1 - QUALIFICATION;
 - b. Solicitation Number; and
 - c. Name of Bidder.

Documents to be included in envelope 1 :

- a. Appendix 5 - Qualifications forms (1 original + 5 copies)
 - b. Appendix 2 - Complete list of each individual who are currently directors of the bidder
4. The Bid and Acceptance Form, and any required associated document(s), shall be enclosed and sealed in an envelope with the following information clearly printed or typed on the face of the envelope:
- a. ENVELOPE 2 - PRICE;
 - b. Solicitation Number; and
 - c. Name of Bidder.

Documents to be included in envelope 2 :

- a. Bid and acceptance form
 - b. Price table of Appendix 1 - Combined price form
 - c. Bid security
5. Following the public opening of Envelope 2 - Price, one (1) electronic copy of the **Price table** at Appendix 1 - Combined price form in **Excel format** should be sent to the following e-mail address:
QueReceptionSoumissionsQc.QueSupplyTendersReceptionQc@tpsgc-pwgsc.gc.ca
6. The bid shall be in Canadian currency. Exchange rate fluctuation protection is not offered. Any request for exchange rate fluctuation protection shall not be considered.
7. Timely and correct delivery of bids is the sole responsibility of the Bidder.

SI07 REVISION OF BID

A bid may be revised by letter or facsimile in accordance with GI10 of R2710T. The facsimile number for receipt of revisions is **418-648-2209**.

SI08 OPENING OF BIDS / EVALUATION

1. There will be no public opening at bid deposit time. A list of bidders that deposited their tenders will be read out loud. The list will be available by calling phone number (418) 649-2888.

2. Envelope 1 - Qualifications - will be opened in private : this envelope will be opened first to evaluate the mandatory technical requirements. At bid closing, a bidder must comply with all mandatory technical criteria mentioned at section SI09 and provide Appendix 5 - Qualifications form to support compliance. An evaluation team composed of representatives of Canada will evaluate the bids.

Failure to meet any or all of the mandatory requirement(s) will render the bid non-compliant and no other consideration will be given to the bid. Envelope 2 will be returned unopened to the bidder.

3. A date will be established by PWGSC for envelope 2 opening - Price – following the evaluation of envelope 1 and the bidders that have deposit a bid are going to be invited to attend.
4. Following the public opening of Envelope 2 - Price, the results for bidders' prices may be obtained by calling (418) 649-2888.
5. Envelope 2 - Price: Envelope 2 submittals will be evaluated against the mandatory requirements, failure to comply with any or all of the mandatory requirement(s) will render the bid non-compliant and no other consideration will be given to the bid.
6. The compliant bid carrying the lowest price will be recommended for contract award.

SI09 MANDATORY REQUIREMENTS

At bid deposit time, bidders must meet the following mandatory requirements and provide the information and documentation needed to demonstrate that they are in compliance with these requirements. Any bid that fails to meet any of the mandatory requirements will be declared non-responsive.

Mandatory Administratives Requirements	Reference
Signature	The Bidder must sign his bid. See page 1 and/or clause BA08 of the Invitation to Tender.
Code of conduct and statements	The Bidder must comply to the Code of Conduct for Procurement, available at this website: http://www.tpsgc-pwgsc.gc.ca/app-acq/cndt-cndct/contexte-context-eng.html See provision GI01 of clause R2710T , available at: https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/5/R/R2710T/14

Financial mandatory requirements	Reference
Bid Security	Bidders are required to provide a bid security with their bid in the form of a bid bond or security deposit. The deposit must represent at least 10 percent of the amount of the bid, <u>regardless of the bid value</u> . See SI15 of the Invitation to Tender.
Price Tables	The Bidder must use the price tables of Appendix 1 .

Mandatory technical requirements	Reference
Qualifications	See Appendix 5 .

SI10 COMPLETION OF SUBMISSION

The Bidder shall base the Bid on the applicable bid documents listed in the Special Instructions to Bidders. It is the responsibility of the Bidder to obtain clarification on any terms, conditions or technical requirements contained in this document.

SI11 DEBRIEFINGS

After contract award, bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days of receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

SI12 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 SI12 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 SI12 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.

SI13 CONSTRUCTION DOCUMENTS

The successful Contractor will be provided with one (1) electronic copy of the sealed and signed drawings, the specifications and the amendments upon acceptance of the offer. No paper copy will be provided to the Contractor. Obtaining copies shall be the responsibility of the Contractor including costs.

SI14 FAIRNESS MONITOR

The services of a fairness monitor will be used in the tender process.

SI15 BID SECURITY REQUIREMENTS

Alinea 1 of section GI08 of R2710T is replaced by the following:

1. The Bidder shall submit bid security with the bid (ENVELOPE 2 - PRICE, refer to SI06) in the form of a bid bond or a security deposit in an amount that is equal to not less than 10 percent of the bid amount, regardless of the bid value. Applicable Taxes shall not be included when calculating the amount of any bid security that may be required.

Alinea 8 of section GI08 of R2710T is replaced by the following:

Bid security shall lapse or be returned as soon as practical following:

- a) the solicitation closing date, for those Bidders submitting non-compliant bids; and
- b) the end date of the bid validity period, for those Bidders submitting compliant bids; and
- c) the receipt of contract security, for the successful Bidder; or
- d) the cancellation of the solicitation, for all Bidders.

SI16 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 3. If you accept fill out and sign Appendix 3.

* *The **journeyperson-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.*

SI17 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 PWGSC-TPSGC 506)

<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/506.pdf>

Standard Acquisition Clauses and Conditions (SACC) Manual <http://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>

Solicitation No – N° de l'invitation
EE520-151410/B

Amd. No. – N° de la modif.

Buyer ID – id de l'acheteur
qcm009

Client Ref No. – N° de réf. du client
EE520-151410

File No. – N° du dossier
QCM-4-37219

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

There is no security requirement applicable to this Contract.

SC02 INSURANCE TERMS (See Annex A)

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 REPLACEMENT OF SPECIFIC INDIVIDUALS

1. If specific individuals are identified in the Contract to perform the Work, the Contractor must provide the services of those individuals unless the Contractor is unable to do so for reasons beyond its control.
2. If the Contractor is unable to provide the services of any specific individual identified in the Contract, it must provide a replacement with the same level of qualifications and experience. The replacement must meet the criteria used in the selection of the Contractor and be acceptable to Canada. The Contractor must, as soon as possible, give notice to the Contracting Authority of the reason for replacing the individual and provide:
 - (a) the name, qualifications and experience of the proposed replacement; and
 - (b) proof that the proposed replacement has the required security clearance granted by Canada, if applicable.
3. The Contractor must not, in any event, allow performance of the Work by unauthorized replacement persons. The Departmental Representative may order that a replacement stop performing the Work. In such a case, the Contractor must immediately comply with the order and secure a further replacement in accordance with SC03 2). The fact that the Departmental Representative does not order that a replacement stop performing the Work does not relieve the Contractor from its responsibility to meet the requirements of the Contract.
4. Unavailability of a specific individual by reason of performing work on another project on behalf of or at the request of the Contractor, will not be considered a reason beyond the control of the Contractor pursuant to SC03 1).

SC04 DAMAGES

1. General
 - 1.1 If the contractor fails to meet certain contractual obligations, the Contractor agrees to pay to Canada liquidated damages in the amount indicated in the sections of this clause for each period late. The total amount of liquidated damages must not exceed 1 percent of the Contract price.
 - 1.2 Canada and the Contractor agree that the amounts cited in this clause are their best estimate of the loss incurred by Canada if the above-mentioned situations arise, that they are not intended to impose a penalty, and that they must not be interpreted as such.
 - 1.3 Canada is authorized at all times to hold back, recover or deduct any amount of liquidated damages owing and unpaid under this clause and to withhold them from any amount due to the contractor by Canada.
 - 1.4 Nothing in this clause must be interpreted as limiting the rights and remedies which Canada may otherwise have under the Contract.

2. Damages for damage to trees

2.1 The Contractor may be required to Canada, as liquidated damages, the sum indicated in table below in the event of damage to trees. A financial compensation is applied for each injury as follows:

	Description	Damages
1	Injured surface area 0 to 100 cm ²	\$75.00
2	Injured surface area 100 to 200 cm ²	\$150.00
3	Injured surface area over 200 cm ²	\$300.00
4	Trees with injuries over 50% of the total trunk circumference are considered a total loss	The compensation will be based on the tree's basic value evaluated by a specialist representing the client.

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	(2014-09-25);
GC2	Administration of the Contract	R2820D	(2014-09-25);
GC3	Execution and Control of the Work	R2830D	(2014-03-01);
GC4	Protective Measures	R2840D	(2008-05-12);
GC5	Terms of Payment	R2850D	(2014-06-26);
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	R2882D	(2008-12-12);
GC9	Contract Security	R2890D	(2014-06-26);
GC10	Insurance	R2900D	(2014-06-26);
	Allowable Costs for Contract Changes Under GC6.4.1	R2950D	(2014-06-26);
	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/5/R>
3. The language of the contract documents is the language of the Bid and Acceptance Form submitted.

BID AND ACCEPTANCE FORM (BA)

BA01 IDENTIFICATION

Reconstruction of the Voltigeurs de Québec Armoury (Grande Allée)
805, Wilfrid Laurier Avenue East
Quebec City (Quebec)

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 **one hundred and twenty (120) 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 CONTRACT PERIOD

The contract period is from contract award date to November 30, 2017.

Please refer to provision 1.3 of section 01 11 01 "GENERAL INFORMATION ON THE WORK" of the specifications to get the work sequence and the building occupancy constraints.

BA07 BID SECURITY

The Bidder is enclosing bid security with its bid in accordance with GI08 - R2710T - General Instructions - Construction Services - Bid Security Requirements modified by article SI15 of the Invitation to Tender.

Solicitation No – N° de l'invitation
EE520-151410/B

Amd. No. – N° de la modif.

Buyer ID – id de l'acheteur
qcm009

Client Ref No. – N° de réf. du client
EE520-151410

File No. – N° du dossier
QCM-4-37219

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) 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.

TABLE 1 – Lump sum price table

Item	Ref. to specifications	Description	Firm Total Amount
1.	Division 1	GENERAL REQUIREMENTS	\$
2.	Division 2	EXISTING CONDITIONS (Demolition, etc...)	\$
3.	Division 3	CONCRETE	\$
4.	Division 4	MASONRY	
4.1		Historic works-masonry	\$
4.2		Comtemporary works-masonry	\$
5.	Division 5	METALS	\$
6.	Division 6	WOOD, PLASTICS AND COMPOSITE (Carpentry, etc...)	\$
7.	Division 7	THERMAL AND MOISTURE PROTECTION	\$
8.	Division 8	OPENINGS (Doors, windows, etc...)	\$
9.	Division 9	FINISHES (Plaster, flooring, painting, etc...)	\$
10.	Division 10	SPECIALTIES (Compartments, etc...)	\$
11.	Division 11	EQUIPMENT	\$
12.	Division 12	FURNISHINGS	\$
13.	Division 14	CONVEYNG EQUIPMENT (Elevators)	\$
14.	Division 21	FIRE SUPPRESSION	\$
15.	Division 22	PLUMBING	\$
16.	Division 23	HEATING, VENTILATION AND AIR CONDITIONING	\$
17.	Division 25	INTEGRATED AUTOMATION	\$

Item	Ref. to specifications	Description	Firm Total Amount
18.	Division 26	ELECTRICAL	\$
19.	Division 27	COMMUNICATIONS	\$
20.	Division 28	ELECTRONIC SAFETY AND SECURITY	\$
21.	Division 31	TERRASSEMENTS	\$
22.	Division 32	EXTERIOR IMPROVEMENTS	\$
23.	Division 33	UTILITIES (Water utility, sewer, etc...)	\$
TOTAL – Lump sum amount (excluding taxes):			\$

UNIT PRICE TABLE

The Unit Price Table designates Work to which a Unit Price Arrangement applies. The Firm Unit Price shall not include any amounts for Work that is not included in that firm unit price Item.

TABLE 2 – Unit price table

Item	Description	Estimated Quantity	Unit	Firm Unit Price	Extended Amount
24.	<u>MANAGEMENT OF CONTAMINATED SOILS</u>				
24.1	Disposal of contaminated excavated soils of type:				
a)	- A-B level contaminated in petroleum hydrocarbons C ₁₀ to C ₅₀ and/or PAH and/or metals	3500	m. ton	\$	\$
b)	- B-C level contaminated in petroleum hydrocarbons C ₁₀ to C ₅₀ and/or PAH and/or metals	9500	m. ton	\$	\$
c)	- C-D (as described in the "Règlement sur l'enfouissement des sols contaminés") level contaminated in petroleum hydrocarbons C ₁₀ to C ₅₀ and/or PAH and/or metals	11500	m. ton	\$	\$
24.2	Additional excavation survey for soil characterization	6	Unit	\$	\$
24.3	Temporary storage of soils (non characterized sectors)	750	m ³	\$	\$
24.4	In situ treatment or offsite elimination of contaminated water	2000	Litre	\$	\$
24.5	Exploration well to find underground petroleum products storage tank	3	Unit	\$	\$

Item	Description	Estimated Quantity	Unit	Firm Unit Price	Extended Amount
25.	<u>CIVIL</u>				
25.1	General				
25.1.1	Hourly rate for a search and excavation team to remove the lamppost gas pipes	30	hour	\$	\$
25.1.2	Exploration wells	10	Unit	\$	\$
25.1.3	Fluid sand concrete fill	80	m ³	\$	\$
25.1.4	HI-60 Insulation (50 mm thickness)	100	m ²	\$	\$
25.1.5	20 mm clean crushed stones wrapped with a geotextile membrane in replacement of the sand bedding under the pipes	150	m. ton	\$	\$
25.2	Potable water network				
25.2.1	Potable water pipe, including excavation, backfill and 1 st class excavation (rock excavation):				
a)	- 19 mm Ø polyethylene, aluminum composite pipe	120	Lin. m.	\$	\$
b)	- 100 mm Ø ductile iron pipe pressure class 350	10	Lin. m.	\$	\$
b)	- 150 mm Ø PVC DR-18	110	Lin. m.	\$	\$
c)	- 200 mm Ø ductile iron pipe pressure class 350	15	Lin. m.	\$	\$
25.2.2	Valve:				
a)	- 19 mm Ø	1	Unit	\$	\$
b)	- 150 mm Ø	2	Unit	\$	\$
c)	- 200 mm Ø with valve signpost (VSP)	1	Unit	\$	\$
25.2.3	Fire hydrant	1	Unit	\$	\$
25.2.4	Connection to the existing potable water pipe:				
a)	- 100 mm Ø	1	Unit	\$	\$
b)	- 150 mm Ø	2	Unit	\$	\$
c)	- 200 mm Ø	1	Unit	\$	\$
25.3	Sanitary and storm sewers network				
25.3.1	Sanitary sewer pipe including excavation, backfill and 1st class excavation (rock excavation) :				

Item	Description	Estimated Quantity	Unit	Firm Unit Price	Extended Amount
a)	- 150 mm Ø	15	Lin. m.	\$	\$
b)	- 200 mm Ø	60	Lin. m.	\$	\$
25.3.2	Storm sewer pipe including excavation, backfill, and 1st class excavation (rock excavation) :				
a)	- 150 mm Ø	20	Lin. m.	\$	\$
b)	- 200 mm Ø	90	Lin. m.	\$	\$
c)	- 300 mm Ø	185	Lin. m.	\$	\$
d)	- 375 mm Ø	15	Lin. m.	\$	\$
e)	- 450 mm Ø	135	Lin. m.	\$	\$
25.3.3	Discharge pipe 75 mm Ø including excavation, backfill and 1st class excavation (rock excavation)	30	Lin. m.	\$	\$
25.3.4	Sanitary sewer manhole 900 mm Ø (S-1, S-2)	2	Unit	\$	\$
25.3.5	Storm sewer manhole:				
a)	- 900 mm Ø (P-1, P-2, P-3, P-6 à P-9)	6	Unit	\$	\$
b)	- 1200 mm Ø (P-3, P-4, P-5)	3	Unit	\$	\$
c)	- 1200 mm Ø with granite slab (P-9)	1	Unit	\$	\$
27.3.6	Manhole-catch basins with 1200 mm Ø base and 752 mm Ø self-leveling frame and cover 752 mm Ø (RP-1)	1	Unit	\$	\$
25.3.7	Catch basins with 750 mm Ø base and:				
a)	- self-leveling 350 mm x 600 mm grid (PU-7 to PU-10)	4	Unit	\$	\$
b)	- decorative grid and standard frame of 350 mm x 600 mm (PU-1 to PU-6)	6	Unit	\$	\$
25.3.8	Frames and grids of catch basins replacement	4	Unit	\$	\$
25.3.9	Drainage trench	65	Lin. m	\$	\$
25.3.10	Connection to the existing sanitary sewer network	3	Unit	\$	\$
25.3.11	Connection to the existing storm sewer network	2	Unit	\$	\$
25.4 Roadway					
25.4.1	Roadway structure:				

Item	Description	Estimated Quantity	Unit	Firm Unit Price	Extended Amount
a)	- Type 1 (under the Armoury, National Battlefield Commission parking lot and Wilfrid-Laurier avenue) including excavation and 1st class excavation (rock excavation)	4500	m ²	\$	\$
b)	- Type 2 (under pedestrians zones, bike paths and for George-VI street) including excavation and 1st class excavation (rock excavation)	550	m ²	\$	\$
25.4.2	Curbs:				
a)	- Cast-in-place concrete curb including type 1 roadway structure	80	Lin. m.	\$	\$
b)	- Installation of stone curb including type 1 roadway structure	600	Lin. m.	\$	\$
c)	- Installation of stone curb including an overthickness of MG-20 crushed gravel	100	Lin. m.	\$	\$
25.4.3	Sidewalk or concrete slab:		Lin. m.		
a)	- Monolithic concrete sidewalk including type 1 roadway structure	60	Lin. m.	\$	\$
b)	- Concrete sidewalk with integrated granite curb including type 1 roadway structure	185	Lin. m.	\$	\$
c)	- Concrete slab including type 2 roadway structure	70	m ²	\$	\$
d)	- Concrete slab for stone pavings including type 2 roadway structure	830	m ²	\$	\$
25.4.4	Asphalt:				
a)	- EB-14	750	m. ton	\$	\$
b)	- EB-10s	305	m. ton	\$	\$
c)	- EB-10c	15	m. ton	\$	\$
25.4.5	Road gutter repair	190	Lin. m.	\$	\$
25.4.6	Protection post	2	Unit	\$	\$
25.4.7	Foundation drains:				
a)	- 100 mm Ø	155	Lin. m.	\$	\$
b)	- 150 mm Ø	115	Lin. m.	\$	\$
25.4.8	Riprap 100-300 mm including geotextile membrane	20	m ³	\$	\$
TOTAL – Extended amount (excluding taxes):					\$

UNIT PRICE TABLE FOR ADDITIONNAL QUANTITIES

The Unit Price Table for Additionnal Quantities in addition to those already included in the specifications and drawings designates Work to which a Unit Price Arrangement applies. The firm unit price for additionnal quantities shall not include any amounts for Work that is not included in that firm unit price Item for additionnal quantities.

Notes applicables to items in Table 3:

1. The work elements prescribed in the specifications and drawings will be paid in accordance to the amounts in tables 1 and 2. Only supplementary quantities to quantities contained in drawings and specifications will be measured on construction site by Contractor and certified by Departmental Representative and will be paid according to unit prices indicated in the Table of Unit prices of additionnal quantities which is part of the bid form. The method used to measure quantities on site must be approved by Departmental Representative. Refer to diverse sections the specifications for requirements relating to each work unit.
2. No supplementary costs will be permitted for additional costs to unit prices in table such as general costs and profits, double time for weekends, administration costs, scaffolding rental costs, heating in winter conditions or management costs.
3. Unit prices include all costs, including administration and profit costs for the Contractor and his sub-contractors, except taxes, and they will be identical when used as supplement and/or as credit.
4. The unit price as well as the total price estimated for each of the items in the list must be obligatorily supplied by the contractor.
5. The scope of works included for each item is such as described in drawings and specifications referred to in the table.
6. Contractor must provide precise progress of executed supplementary quantities to plans and specifications for each item of the table at each of his applications for payment. These quantities will be validated by the Departmental Representative. Contractor must provide a file of monthly progress on the plans indicating all additional interventions completed and supplementary surfaces the 25 of each month. Supplementary quantities must be validated on the site with Departmental Representative and Contractor on a monthly basis.

TABLE 3 – Unit price table for additional quantities

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
PATRIMONIAL MASONRY WORKS						
26	Section 040341 Detail no. 1/A-550	Consolidation of fractured stones and deep fissures : plan an average length of 400mm for the fissures and two stainless steel threaded rods of 12mm diam by 300mm in length, embedded in epoxy. See also note 1 in the exterior interventions legend.	Unit	75	_____ \$	_____ \$
27	Section 040341 Detail no. 2/A-550	Surface fissure repairs : remove previous repairs , clean surfaces, repair the fissure with an injection grout. See also note 2 in the exterior interventions legend.	Unit	150	_____ \$	_____ \$
28	Section 040342 Detail no. 3/A-550	Replacement of masonry elements :facing bossage finish limestone of Château-Richer (Type 1) to replace in non-dismantled zone. Dimensions: 300mmx250mmx200mm. Includes set-back in stone, repair of substrate, provision and installation of new stone, anchors as well as repointing, cure and quality control. See also note 3A in the exterior interventions legend.	Unit	125	_____ \$	_____ \$
29	Section 040342 Detail no. 4/A-550	Replacement of masonry elements : facing stone to replace by key limestone of Château-Richer (Type 1) in non-dismantled zone. Dimensions of 300mmx250mmx500mm. Includes set-back in stone, repair of substrate, provision and installation of new stone, anchors as well as repointing, cure and quality control. See also note 3B in the exterior interventions legend.	Unit	75	_____ \$	_____ \$

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
30	Section 040342	Replacement of masonry elements :facing bossage finish limestone of Château-Richer (Type 1) to replace in dismantled zone of type 6A and/or 6B. Dimensions: 300mmx250mmx200mm. Includes purchase, transformation and transport of stone to construction site. All costs relating to activities related to stone installation are covered by dismantling/reassembling operations. See also note 3C in the exterior interventions legend.	Unit	250	_____ \$	_____ \$
31	Section04 0342	Replacement of masonry elements : facing stone to replace by key limestone of Château-Richer (Type 1) in dismantled zone of type 6A and/or 6B. Dimensions of 300mmx250mmx500mm. Includes purchase, transformation and transport of stone to construction site. All costs relating to activities related to stone installation are covered by dismantling/reassembling operations. See also note 3D in the exterior interventions legend.	Unit	100	_____ \$	_____ \$
32	Section 040342 Detail no. 3/A-550	Replacement of masonry elements : facing bossage finish limestone St-Marc (Type 2) to replace in non-dismantled zone. Dimensions of 600mmx400mmx250mm. Includes set-back in stone, repair of substrate, provision and intallation of new stone, anchors as well as repointing, cure and quality control. Works according to note 3A in the exterior interventions legend.	Unit	25	_____ \$	_____ \$
33	Section 040342 Detail no. 3/A-550	Replacement of masonry elements : foundation stones of St-Marc limestone to replace in non-dismantled zone. Dimensions 600mmx300mmx250mm. Includes set-back in stone, repair of substrate, provision and intallation of new stone, anchors as well as repointing, cure and quality control.	Unit	25	_____ \$	_____ \$

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
34	Section 040342 Detail no. 3/A-550	Replacement of masonry elements : "flat" facing cut stone of St-Marc limestone (Type no.3) to replace in non-dismantled zone. Dimensions of 450mmx300mmx250mm. Includes set-back in stone, repair of substrate, provision and intallation of new stone, anchors as well as repointing, cure and quality control. See also note 3A in the exterior interventions legend.	Unit	25	_____ \$	_____ \$
35	Section 040342 Detail no. 3/A-550	Replacement of masonry elements : facing cut stone in St-Marc "molded" limestone (Type no.3) to replace in non-dismantled zone. Dimensions of 450mmx300mmx250mm. Includes set-back in stone, repair of substrate, provision and intallation of new stone, anchors as well as repointing, cure and quality control. Works acording to note 3A in the exterior interventions legend.	Unit	25	_____ \$	_____ \$
36	Section040342Section no.4/A-400	Replacement 1 cornice stone : 1 molded cornice stone at top of wall of central building in St-Marc limestone in dismantling zone 6A. Includes purchase, transformation and transport of stone to construction site. All costs relating to activities related to stone installation are covered by dismantling/reassembling operations. See also note 3C in the exterior interventions legend.	Unit	5	_____ \$	_____ \$
37	Section 040342 Section no. A-401	Replacement 1sill stone in stone: 1 molded sill stone of passing windows of central building in St-Marc limestone in dismantling zone 6B. Includes purchase, transformation and transport of stone to construction site. All costs relating to activities related to stone installation are covered by dismantling/reassembling operations. See also note 3C in the exterior interventions legend.	Unit	4	_____ \$	_____ \$

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
38	Section 040343	Replacement of substrate of stone: Restore substrate in stone rubble of 450mm and replace by a substrate of new St-Marc limestone rubble stone . Average dimensions of rubble stones 200x200x200mm. Includes removal and restoration of existing substrate, repair and repointing of residual substrate exposed at 100% ,provision and installation of new rubble stone as well as repointing, curing and quality control.	sq .m.	50	_____ \$	_____ \$
39	Section 040341 Detail no. 5/A550	Average restoration mortar repairs : plan an average dimension of 76mmx76mm x19mm thick. See also note 4 in the exterior interventions legend.	Unit	20	_____ \$	_____ \$
40	Section 040341 Detail no. 5/A550	Small restoration mortar repairs : plan an average dimension of 25mmx25mm x12mm thick. See also note 4 in the exterior interventions legend.	Unit	20	_____ \$	_____ \$
41	Section 040341 Details no. 6 & 8/A-550	Repairs with flat Dutchman large: Plan an average dimension of 200mmx200mmx200mm thick with St-Marc limestone and/or salvaged existing stone. See also note 5 in the exterior interventions legend.	Unit	20	_____ \$	_____ \$
42	Section 040341 Details no. 7 & 8 /A-550	Repairs with flat Dutchman - small : Plan an average dimension of 50mmx50mmx75mm th. with St-Marc limestone and/or salvaged existing stone. See also note 5 in the exterior interventions legend.	Unit	30	_____ \$	_____ \$
43	Section 040341 Details no. 6 & 8/A-550	Repairs with molded Dutchman- large: :Plan an average dimension of 200mmx200mmx200mm thick with St-Marc limestone and/or salvaged existing stone. See also note 5 in the exterior interventions legend.	Unit	20	_____ \$	_____ \$

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
44	Section 040341 Details no. 7 & 8 /A-550	Repairs with molded dutchman-small : plan an average dimension of 50mmx50mmx75mm thick with limestone St-Marc and/or salvaged existing stone. See also note 5 in the exterior interventions legend.	Unit	25	_____ \$	_____ \$
45	Section 040343 Sheets no. A-400 to A409a	Works of dismantling/ reassembling masonry full depth : Dismantle facing stone and demolish stone or brick substrate on full depth. Reconstruct substrate wall and reassemble facing. See also note 6A in the exterior interventions legend.	sq .m.	25	_____ \$	_____ \$
46	Section 040343 Sheets no. A-400 to A409a	Works of dismantling/ reassembling masonry in depth : Dismantle facing stone and demolish stone or brick substrate on full depth. Reconstruct substrate wall and reassemble facing. See also note 6B in the exterior interventions legend.	sq .m.	75	_____ \$	_____ \$
47	Section 040343 Detail 9/A-550	Works of dismantling/ reassembling of facing : Dismantle displaced facing stone and reassemble in line with adjacent stone. Includes repairs on adjacent stones damaged by these works , anchors, repointing, curing and quality control. See also note 6C in the exterior interventions legend.	sq .m.	150	_____ \$	_____ \$
48	Sections 040343 040331	Works of replacement of exterior brick substrate : Demolish brick substrate on additionnal thickness of two rows . Repoint at 100% the exposed existing brick row and recontruct the two demolished brick rows with new red clay brick . See also note note 21 in the exterior interventions legend.	sq .m.	150	_____ \$	_____ \$

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
49	Section040519Detail no.4/A-551	Anchor forType 1 stone: type BL stainless steel anchor 6mm thick by 38mm wide with variable lenght up to 500mm. Anchor is perforated and equipped with a stainless steel threaded dowel of 10mm diameter and 75mm in lenght. Type 1 anchors are used to anchor facing stones to substrate. Stones must be pre-pierced before installation of dowels which are embedded in mortar. See drawings for quantities and locations of type 1 anchors. Provide two type 1 anchors for each of the stones identified as "to anchor" on the drawings.	Unit	150	_____ \$	_____ \$
50	Section 040519	Anchor forType 2A stone: stainless steel clamp 6mm thick by 50mm wide with variable lenght up to 600mm. See drawings for quantities and locations of type 2A anchors. Type 2A anchors are used to anchor coats of arms, jambs of passing windows, sills of passing windows on central Building and large cut stones of turrets as well as other locations indicated in drawings.	Unit	50	_____ \$	_____ \$
51	Section 040519	Anchor forType 2B stone: heavy duty stainless steel clamp 10mm thick by 50mm wide with variable lenght up to 700mm. See drawings for quantities and locations of type 2B anchors. Type 2B anchors are used to anchor cornice stone of Central Building and the two square towers as well as other locations indicated on drawings. Stones must be shaped with slots to receive clamps in the surface of the top of the stones. Provide for 2 clamps per cornice stone.	Unit	20	_____ \$	_____ \$
52	Section 040519	Anchors for Type 3 stone: stainless steel dowel of 10mm diameter by 100mm in lenght except if otherwise indicated on drawings . See drawings for quantities and locations of type 3 anchors. Type 3 anchors are used to connect two stones together at locations indicated on drawings.	Unit	75	_____ \$	_____ \$

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
53	Section 040519 Détail no. 1/A-551	Anchors for Type 4 stone: Type 4 anchors connected to a Cintec anchor. See specifications.	Unit	25	_____ \$	_____ \$
54	Section 040341	Stones to flake off : Remove stone plates exfoliated, unbedded or loose and shape uniformly the surface. Plan a typical surface of 450Xmm x 400mm. See also note D in the exterior interventions legend.	Unit	50	_____ \$	_____ \$
55	Section 040341	Stone to bush hammer : Bush hammer stone surfaces to match finish of adjacent stones such as a bush hammer finish of same size and density. Plan for typical surfaces of 450mm x 400 mm. See also note B in the exterior interventions legend.	Unit	35	_____ \$	_____ \$
56	Section 040341 Détail no. 2/A-551	Anchors to remove : Remove anchor by means of drilling, remove the metal element, install a neoprene joint and insert a stone Dutchman. See also note 12 in the interventions legend.	Unit	75	_____ \$	_____ \$
57	Sections 040331	Burnt wood to replace by brick : Remove burnt wood pieces and nailing backings and rebuild cavities with masonry, new red clay brick. Plan a dimension of 300x300m on two rows of bricks in depth. See also note 13 the interventions legend.	Unit	25	_____ \$	_____ \$
58	Section 041100 See typical details in structure	Cintec type anchors of 2.4 m lenght and 25mm diam. : Furnish and install a new Cintec anchor of 2.4 meters. Remove facing stone, drill holes, install Cintec anchors with integrated connector for stone and reinstall the stone. Redo repointing of surface. See also note 15 in the exterior interventions legend.	Unit	5	_____ \$	_____ \$

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
59	Section 041100 See typical details in structure	Cintec type anchors of 1.2 m in length and 12mm diam. : Furnish and install a new Cintec anchor of 1.2 meters. Remove facing stone, drill hole, install Cintec anchor with integrated connector for stone and reinstall stone. Redo repointing of surface. See also note 15 in the exterior interventions legend.	Unit	7	_____ \$	_____ \$
60	Section 041100 See typical details in structure	Helifix type anchor(helicoidal stainless steel). : Furnish and install a new Helifix type stainless steel helicoidal anchor, of 10mm diameter and 900 mm in length. It is inserted in a mortar joint according to a typical detail in structural documents.	Unit	20	_____ \$	_____ \$
61	Sections 040308 Detail 5 & 6/A-420	Weathercap type lead joint-cover :Furnish and install a new Weathercap lead joint-cover (joint type 5) of 25mm wide and embedded in sealant according to typical details. See also note 18 in the exterior interventions legend.	linear-m.	30	_____ \$	_____ \$
62	Section 040342 Details 3/A-550	Stone to replace and reanchor : Dismantle and reset a stone released from its bed. Restore the substrate before reinstalling the stone and anchoring it. Treatment and scope of works are the same as for the replacement except that the existing stone is salvaged and reinstalled.	Unit	25	_____ \$	_____ \$
63	Section 040341	Spall repairs : .1 Spall repair consists in recuperation of a small piece of stone fragmented or fractured and in its reinstallation at its original place on the damaged stone. Cut any squeeze out of epoxy cement while in the gel stage just prior to hardening. Finish the perimeter of glued piece with a pigmented DHL injection and Shelter Coat.	Unit	175	_____ \$	_____ \$
64	Section 040307 040308 Detail 6/A-551	Surface repointing of brick masonry, interior and/or exterior substrate (25 mm depth) for 1 sq. meter. Type 2 mortar. Includes raking of joints , furnishing and installation of mortar, curing and quality control.	sq .m.	80	_____ \$	_____ \$

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
65	Section 040307 040308 Details 3 & 6/ A-551	Surface repointing of brick masonry, interior and/or exterior facing (25 mm depth) for 1 sq.meter. Type 3 mortar. Includes raking of joints , furnishing and installation of mortar, curing and quality control.	sq .m.	50	_____ \$	_____ \$
66	Section 040307 040308 Details 6 & 8/ A-551	In depth Repointing of cut stone masonry (25 to 250 mm of depth) for 1 lin.m. of stone masonry. Type 2 mortar. Includes raking of joints , furnishing and installation of mortar, curing and quality control.	lin.m.	200	_____ \$	_____ \$
67	Section 040307 040308 Détails 6 & 7/ A-551	In depth Repointing of above-ground bossage finish stone masonry (25 to 250 mm of depth) for 1 lin.m. of stone masonry. Type 2 mortar. Includes raking of joints , furnishing and installation of mortar, curing and quality control.	lin.m.	200	_____ \$	_____ \$
68	Section 040307 040308 Details XX/AXX	In depth Repointing of foundations stone masonry (25 to 250 mm of depth) for 1 lin.m. of stone masonry. Type 2 mortar. Includes raking of joints , furnishing and installation of mortar, curing and quality control.	lin.m.	200	_____ \$	_____ \$
69	Section 040307 040308 Details 6/A-551	Surface repointing pigmented latex modified mortar (25 mm of depth) for 1 lin.m. of stone masonry. Type 5 mortar. Includes raking of joints , furnishing and installation of mortar, curing and quality control.	lin.m.	150	_____ \$	_____ \$
70	Section 040306	TYPE 1A cleaning: Cleaning of black deposits from atmospheric pollution at the surface of stone/brick facings.	sq .m.	40	_____ \$	_____ \$
71	Section 040306	TYPE 1B cleaning: .Cleaning of black deposits from atmospheric pollution on sculpted and molded stone elements.	sq .m.	10	_____ \$	_____ \$
72	Section 040306	TYPE 1C cleaning: Concrete finishing of the saut-de-loup on north façade of the East square tower .	sq .m.	50	_____ \$	_____ \$
73	Section 040306	TYPE 2 cleaning: Removal of asphalt and tar	sq .m.	5	_____ \$	_____ \$

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
74	Section 040306	TYPE 3 cleaning: Removal of paint and/or sealant products	sq .m.	5	_____ \$	_____ \$
75	Section 040306	TYPE 4 cleaning: .Removal of ferrous oxide stains (rust) and d'oxidation of copper (green stains).	sq .m.	5	_____ \$	_____ \$
76	Section 040306	TYPE no.6 cleaning: Removal of efflorescence from stone walls and brick walls.	sq .m.	50	_____ \$	_____ \$
77	Section 040306	TYPE no.10 cleaning: Waterproof / sealant protection	sq .m.	12	_____ \$	_____ \$
PATRIMONIAL PLASTER ANG PARGING WORKS						
78	Section 090351	Cement parging : Remove loose cement parging and redo a new cement parging of 19mm in depth in three coats. See also note 10 in the interventions legend.	sq .m.	12	_____ \$	_____ \$
79	Section 090351	Demolition and restoration of existing historical plaster : Restore carefully plaster coating and cement coating – on brick substrate without damaging masonry. Works according to note 8 in the interior interventions legend.	sq .m.	50	_____ \$	_____ \$
80	Section 090351	Reconstruction of new plaster: repair plaster on brick substrate or on lathing. Includes preparation, plaster installation, curing and quality control. Works according to note 22 in the interior interventions legend.	sq .m.	40	_____ \$	_____ \$
81	Section 090351	Resurfacing of plaster: Includes preparation, plaster installation, curing and quality control. Works according to note 23 in the interior interventions legend.	sq .m.	30	_____ \$	_____ \$
82	Section 090351	Reconstruction of bricks with plaster : Demolition of portion of existing wall, rebuild with new red clay brick masonry and replaster, furnishing and installation of brick including mortar, installation of plaster, curing and quality control Works according to note 24 in the interior interventions legend.	sq .m.	25	_____ \$	_____ \$

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
83	Section 090351	Hole to repair in plaster – small : repair hole in plaster (on brick substrate)25mm diameter and less and up to 25mm in depth. Includes preparation, plaster installation, curing and quality control. Works according to note 25 in the interior interventions legend.	Unit	250	_____ \$	_____ \$
84	Section 090351	Hole to repair in plaster – big : repair hole in plaster (on brick substrate)from25mm to 100mm diameter and up to 25mm in depth. Includes preparation, plaster installation, curing and quality control. Works according to note 26 in the interior interventions legend.	Unit	175	_____ \$	_____ \$
85	Section 040331 090351	Holes in masonry to fill : holes up to 25mm to fill with type 2 mortar. Includes preparation, plaster installation, curing and quality control. Works according to note 28 in the interior interventions legend.	Unit	35	_____ \$	_____ \$
86	Sections 040331 090351	Switch box to remove and fill : Remove existing electrical box . Fill cavity with type 2 mortar and re plaster. Works according to note BI in the interior interventions legend.	Unit	15	_____ \$	_____ \$
PATRIMONIAL ARCHITECTURAL WOODWORKS						
87	Sections 060315 080314 085205	Repair works of fissure – wood doors, frames, transoms, stairs and windows : Repair of a fissure with epoxy flexible and pigmented paste for wood.Average width of fissures to repair is 6mm and more and average lenght is 450mm. Works according to typical details . Includes all related works.	Unit	80	_____ \$	_____ \$

Item	Ref.	Description	Unit	Estimated additional quantities to drawings and specs	Firm unit price	Extended amount
88	Sections 060315 080314 085205	Works of reconstruction of molded patch extensions– wood doors, frames, transoms, stairs and windows: Remove damaged or rotten wood up to 25 mm past the last trace of damage or rot. Make a cavity in the existing element in order to insert into it the laminated wood elements. Plan a molded patch extension of 100mmx100mmx25mm Works according to typical details. Includes all related works.	Unit	25	_____ \$	_____ \$
89	Sections 060315 080314 085205	Works of reconstruction of a rotten surface with epoxy paste – wood doors, frames, transoms, stairs and windows : Reconstruction of a rotten surface with epoxy flexible paste (less than 50mm cubic). Remove rotten wood up to sound wood and apply a liquid wood consolidant on the sound wood 25 x 25 x 25 mm. before repairing with epoxy flexible paste.Works according to typical details. Includes all related works.	Unit	10	_____ \$	_____ \$
TOTAL – Extended amount for additionnal quantities (excluding taxes):						_____ \$

TOTAL BID AMOUNT

The total bid amount is established by adding the total amount of Tables 1,2 and 3:

TABLE 1: TOTAL – Lump sum amount (excluding taxes):	_____ \$
TABLE 2: TOTAL – Extended amount (excluding taxes):	_____ \$
TABLE 3: TOTAL – Extended amount for additionnal quantities (excluding taxes):	_____ \$
TOTAL BID AMOUNT (excluding taxes):	_____ \$

To be completed by the Contracting Authority at contract award.

APPENDIX 4 – DEPARTMENTAL REPRESENTATIVE'S AUTHORITY

TO BE PROVIDED AT CONTRACT AWARD

Contracting Authority is :

Name : _____

Title : _____

Department : _____

Division : _____

Telephone : ____ - ____ - _____

e-mail : _____

Technical Authority is :

Name : _____

Title : _____

Department : _____

Division : _____

Telephone : ____ - ____ - _____

e-mail : _____

APPENDIX 5 - QUALIFICATION FORM

Table of Content:

SECTION 1 DEFINITIONS

SECTION 2 Bidder

- 2.1 Declaration - bidder
- 2.2 Bidder's experience

SECTION 3 Bidder's superintendent

- 3.1 Bidder's superintendent
- 3.2 Experience of the bidder's superintendent

SECTION 4 HERITAGE MASONRY CONTRACTOR

- 4.1 Heritage masonry contractor
- 4.2 Experience of the heritage masonry contractor

SECTION 5 HERITAGE WOODWORK AND DOOR/WINDOW CONTRACTOR

- 5.1 Heritage woodwork and door/window Contractor
- 5.2 Experience of the heritage woodwork and door/window contractor

SECTION 6 HERITAGE SHEET METAL AND METAL ROOFING CONTRACTOR

- 6.1 Sheet metal and metal roofing contractor
- 6.2 Experience of the heritage sheet metal and metal roofing contractor

SECTION 1 DEFINITIONS

- **Bidder:** The person or entity (or in the case of a joint venture, the persons or entities) submitting a bid to perform a contract for goods, services or both. It does **not** include the parent, subsidiaries or other affiliates of the Bidder, or its subcontractors.
- **Client:** The Owner that is funding the execution of a project, or the Owner's representative. The client is directly involved in awarding a contract for construction work as part of a completed project.
- **Heritage Building:** A building 50 years of age or older that contains notable architectural features.
- **Site Superintendent:** In accordance with PWGSC GC2.6 (2008-05-12), the Superintendent shall be in full charge of the operations of the Contractor during the performance of Work and shall be authorized to accept on behalf of the Contractor any notice, order or other communication given to the Superintendent or the Contractor relating to the Work.

The Superintendent shall also have experience in managing and coordinating the work of subcontractors, supervise the site and have a good understanding of the issues associated with the work being done (effort, sequence of work, duration of this type of work, etc.).

- **Heritage Project:** A project for rehabilitating a building older than 50 years that contains notable architectural features.
- New historic metal roofing on a **large heritage building:** A roof measuring more than 400 square metres on a heritage building.
- New batten seam roofing with **complex geometry:** A roof with more than two gables that has dormers, cornices, chimneys, annexes, etc.
- **Major Project:** A building construction and/or rehabilitation project valued at more than \$15,000,000.
- **Large Stone:** A stone of more than 150 kg.
- **Heritage Brick:** All existing brick masonry structures and/or replacement structures with new material (new bricks) in existing heritage building structures.
- **Solid Masonry:** Any masonry structure that does not consist of a single layer. The composition of masonry structures therefore contains more than one component layer.
- Installation of new **complex** windows: Windows of non-standard dimensions that may have special features such as acoustic components and/or unconventional construction features.
- **Heritage:** General qualifier designating any structure, part of a building structure or part of a building that is considered to be a historic structure or is older than 50 years.

SECTION 2 BIDDER

2.1 Declaration - bidder

I, the undersigned, as principal of the tenderer, hereby certify that the information provided in response to section 2 to 6 are, to my knowledge, accurate.

Name : _____

Signature : _____

2.2 Bidder's experience

2.2.1 Experience – major projects

The bidder must have experience as a general contractor in carrying out and coordinating major projects. To demonstrate its experience, the bidder must submit two (2) projects it has carried out and completed in the ten (10) years preceding the invitation to tender closing date; the overall value of each project must be at least \$15,000,000.00 (including taxes).

Each of the two (2) projects submitted must include rehabilitation of existing buildings.

Information to be provided for each project:

- Project title and location
- Project time frame (start date and end date)
- Overall construction costs for the project (initial and final costs)
- References:
 - Architect's contact information (name, telephone number and email address)
 - Client's contact information (name, telephone number and email address)
- Project description

Although it is not mandatory, we recommend that the bidder use the suggested form to record the information about each project (see Form 2.2.1 on the next page) to reduce the risk of omitting information to be included in the bid.

Canada reserves the right to contact references (architect and/or client) to confirm the information included in the project presentation.

2.2.2 Experience – General contractor in heritage projects

In addition, the bidder must have experience as a general contractor in carrying out and coordinating projects of a heritage nature. To demonstrate its experience, the bidder must submit two (2) projects it has carried out and completed in the ten (10) years preceding the invitation to tender closing date; the overall value of each project must be at least \$7,500,000 (including taxes).

Each of the two (2) projects that are submitted must involve work of a heritage nature (heritage restoration and/or rehabilitation) worth at least \$1,500,000 (including taxes) and include at least two (2) of the following four (4) elements:

1. Projects involving the restoration of heritage masonry;
2. Projects involving the restoration of heritage wooden doors and windows;
3. Projects involving the replacement of heritage metal roofing;
4. Projects involving heritage woodwork.

As a whole, the two (2) projects submitted by the bidder must cover at least two (2) of the four (4) elements above.

Information to be provided for each project:

- Project title and location
- Project time frame (start date and end date)
- Overall construction costs for the project (initial and final costs)
- Cost of heritage construction work among the four (4) elements listed above (initial and final costs)
- References:
 - Architect's contact information (name, telephone number and email address)
 - Client's contact information (name, telephone number and email address)
- Project description. You must clearly describe the executed interventions types among the four (4) elements above.

Although it is not mandatory, we recommend that the bidder use the suggested form to record the information about each project (see Form 2.2.2 on the next page) to reduce the risk of omitting information to be included in the bid.

Canada reserves the right to contact references (architect and/or client) to confirm the information included in the project presentation.

FORM 2.2.2 – Heritage project presentation form	
Project title:	
Location (complete address of the building where the work was executed):	

Project time frame:	Start:		End:	
Overall construction costs for the project (minimum of \$7,500,000 incl. taxes):	Initial:		Final:	
Heritage work value (minimum of \$1,500,000 incl. taxes):	Initial:		Final:	

PROJECT REFERENCES			
Client name:		Architect name:	
Name of Client's contact :		Name of Architect's contact:	
Telephone:		Telephone:	
Email:		Email:	

Heritage elements in the project: <i>(check the applicables elements) -----></i>	Yes	No
The project involves the restoration of heritage masonry;		
The project involves the restoration of heritage wooden doors and windows;		
The project involves the replacement of heritage metal roofing;		
The project involves heritage woodwork.		

THE PROJECT MUST CONTAIN AT LEAST 2 OF THE 4 ELEMENTS ABOVE

Reminder: As a whole, the 2 projects submitted must cover at least 2 of the 4 elements above.

PROJECT DESCRIPTION

Solicitation No – N° de l'invitation
EE520-151410/B

Amd. No. – N° de la modif.

Buyer ID – id de l'acheteur
qcm009

Client Ref No. – N° de réf. du client
EE520-151410

File No. – N° du dossier
QCM-4-37219



***** If required, you can attach additional sheets to further describe the project.**

SECTION 3 BIDDER'S SUPERINTENDENT

3.1 Bidder's superintendent

Name of proposed superintendent: _____

Years of experience as a superintendent: _____

Number of years spent working for the Bidder: _____

Please submit the proposed superintendent's CV.

(Failure to provide information requested in this box will not be grounds for rejecting the bid.)

3.2 Experience of the bidder's superintendent

The superintendent must have experience with projects involving heritage restoration/rehabilitation. To demonstrate experience, the bidder must submit two (2) projects in which the proposed individual acted as superintendent. Each of these projects must be worth at least \$7,500,000 (including taxes) and have been completed in the ten (10) years preceding the invitation to tender closing date.

Each of these two (2) projects must involve work of a heritage nature (heritage restoration and/or rehabilitation) worth at least \$1,000,000 (including taxes) and include at least two (2) of the following five (5) elements:

1. Projects involving the restoration of heritage masonry;
2. Projects involving the restoration of heritage wooden doors and windows;
3. Projects involving the replacement of heritage metal roofing;
4. Projects involving heritage woodwork; and
5. Projects involving conservation and restoration of historical plaster.

As a whole, the two (2) projects submitted by the bidder must cover at least three (3) of the five (5) elements above.

Information to be provided for each project:

- Project title and location
- Project time frame (start date and end date)
- Overall construction costs for the project (initial and final costs)
- Costs of heritage construction work among the five (5) elements listed above (initial and final costs)
- References:
 - Architect's contact information (name, telephone number and email address)
 - Client's contact information (name, telephone number and email address)
- Project description. You must clearly describe the executed interventions types among the five (5) elements above.

Although it is not mandatory, we recommend that the bidder use the suggested form to record the information about each project (see Form 3.2 on the next page) to reduce the risk of omitting information to be included in the bid.

Canada reserves the right to contact references (architect and/or client) to confirm the information included in the project presentation.

FORM 3.2 – Bidder's Superintendent project presentation form	
Project title:	
Location (complete address of the building where the work was executed):	

Project time frame:	Start:		End:	
Overall construction costs for the project (minimum of \$7,500,000 incl. taxes):	Initial:		Final:	
Costs of heritage construction work (minimum \$1,000,000 incl. taxes):	Initial:		Final:	

PROJECT REFERENCES			
Client name:		Architect name:	
Name of Client's contact :		Name of Architect's contact:	
Telephone:		Telephone:	
Email:		Email:	

Heritage elements in the project: <i>(check the applicables elements) -----></i>	Yes	No
The project involves the restoration of heritage masonry		
The project involves the restoration of heritage wooden doors and windows		
The project involves the replacement of heritage metal roofing		
The project involves heritage woodwork		
The project involves conservation and restoration of historical plaster		

THE PROJECT MUST CONTAIN AT LEAST 2 OF THE 4 ELEMENTS ABOVE

Reminder: As a whole, the 2 projects submitted must cover at least 3 of the 5 elements above.

PROJECT DESCRIPTION

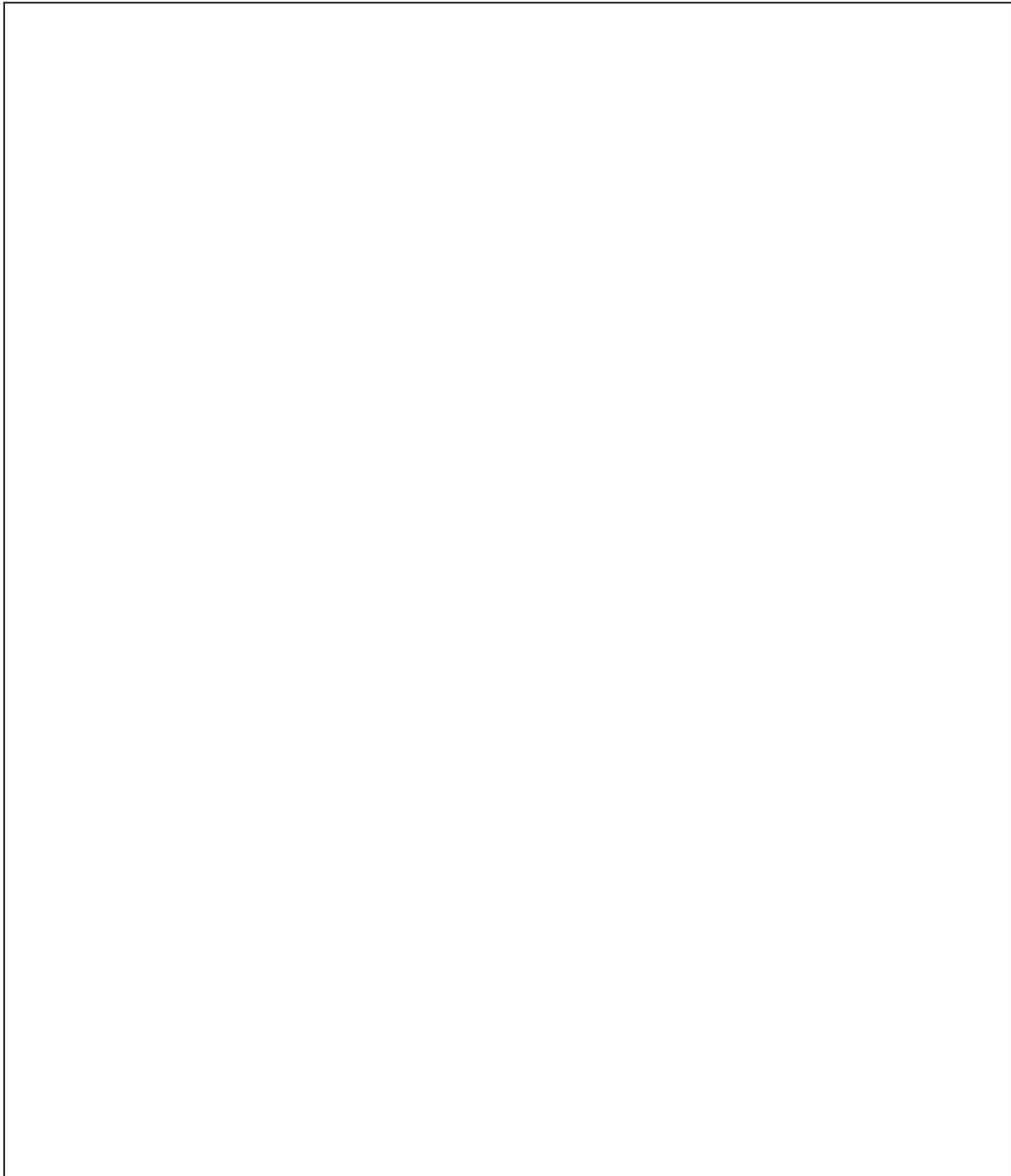
Solicitation No – N° de l'invitation
EE520-151410/B

Amd. No. – N° de la modif.

Buyer ID – id de l'acheteur
qcm009

Client Ref No. – N° de réf. du client
EE520-151410

File No. – N° du dossier
QCM-4-37219



***** If required, you can attach additional sheets to further describe the project.**

SECTION 4 HERITAGE MASONRY CONTRACTOR

4.1 Heritage masonry contractor

Name of heritage masonry contractor who will work on this project : _____

RBQ licence number of this contractor: _____

Does the heritage masonry contractor meet the experience requirements listed in item 4.2?

Check one of the following: YES _____ NO _____

(Failure to provide information requested in this box will not be grounds for rejecting the bid.)

4.2 Experience of the heritage masonry contractor

The bidder must submit three (3) projects completed in the ten (10) years preceding the invitation to tender closing date and executed by the heritage masonry contractor that will carry out the work.

Each of these three (3) projects must involve work of a heritage nature (restoration of heritage stonework) worth at least \$2,500,000 (including taxes) and include at least five (5) of the following twelve (12) elements:

1. Restoration of fieldstone masonry from the 19th century;
2. Removal/re-assembly of stone masonry cladding with restoration of brick and stone substrate;
3. Replacement of stone cladding;
4. Manual removal of mortar joints (without circular saw);
5. Scaffolding during removal and re-assembly of stones;
6. Handling of large stones to be laid or re-assembled;
7. Mortar mixed on site with mandatory quality control;
8. Repair of stones (Dutchmen, consolidation by anchoring, injection of cracks with dispersed hydraulic lime, etc.);
9. Installation of Cintec anchors up to 2.5 metres in length;
10. Masonry cleaning techniques using a micro-abrasive with the JOS system;
11. Stone cutting and carving (large stones and carving of rusticated stones);
12. Restoration of heritage brick masonry works.

As a whole, the three (3) projects submitted must cover at least eight (8) of the twelve (12) elements above.

Information to be provided for each project:

- Project title and location
- Project time frame (start date and end date)
- Cost of heritage masonry construction work (initial and final costs)
- References:
 - Architect's contact information (name, telephone number and email address)
 - Client's contact information (name, telephone number and email address)
- Project description. You must clearly describe the executed interventions types among the twelve (12) elements above.

Solicitation No – N° de l'invitation
EE520-151410/B

Amd. No. – N° de la modif.

Buyer ID – id de l'acheteur
qcm009

Client Ref No. – N° de réf. du client
EE520-151410

File No. – N° du dossier
QCM-4-37219

Although it is not mandatory, we recommend that the bidder use the suggested form to record the information about each project (see Form 4.2 on the next page) to reduce the risk of omitting information to be included in the bid.

Canada reserves the right to contact references (architect and/or client) to confirm the information included in the project presentation.

FORM 4.2 – Heritage masonry contractor project presentation form	
Project title:	
Location (complete address of the building where the work was executed):	

Project time frame:	Start:		End:	
Costs of heritage masonry work (minimum \$2,500,000 incl. taxes):	Initial:		Final:	

PROJECT REFERENCES			
Client name:		Architect name:	
Name of Client's contact :		Name of Architect's contact:	
Telephone:		Telephone:	
Email:		Email:	

Heritage elements in the project: <i>(check the applicables elements) -----></i>	Yes	No
The project involves restoration of fieldstone masonry from the 19th century		
The project involves removal/re-assembly of stone masonry cladding with restoration of brick and stone substrate		
The project involves replacement of stone cladding		
The project involves manual removal of mortar joints (without circular saw)		
The project involves scaffolding during removal and re-assembly of stones		
The project involves handling of large stones to be laid or re-assembled;		
The project involves mortar mixed on site with mandatory quality control;		
The project involves repair of stones (Dutchmen, consolidation by anchoring, injection of cracks with dispersed hydraulic lime, etc.)		
The project involves installation of Cintec anchors up to 2.5 metres in length		
The projects involves masonry cleaning techniques using a micro-abrasive with the JOS system		
The project involves stone cutting and carving (large stones and carving of rusticated stones)		
The project involves restoration of heritage brick masonry works		

THE PROJECT MUST CONTAIN AT LEAST 5 OF THE 12 ELEMENTS ABOVE

Reminder: As a whole, the 3 projects submitted must cover at least 8 of the 12 elements above.

PROJECT DESCRIPTION

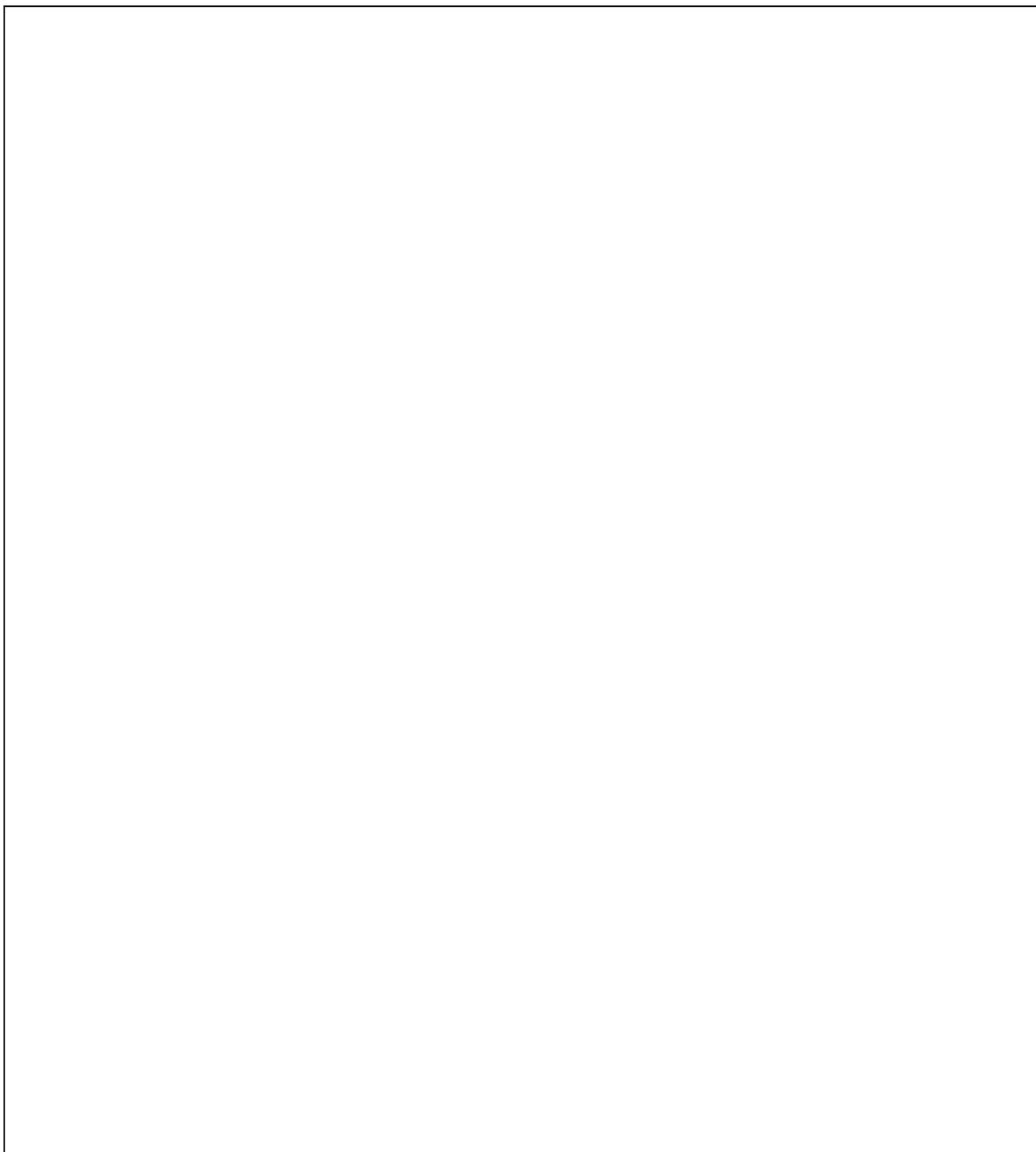
Solicitation No – N° de l'invitation
EE520-151410/B

Amd. No. – N° de la modif.

Buyer ID – id de l'acheteur
qcm009

Client Ref No. – N° de réf. du client
EE520-151410

File No. – N° du dossier
QCM-4-37219



***** If required, you can attach additional sheets to further describe the project.**

SECTION 5 HERITAGE WOODWORK AND DOOR/WINDOW CONTRACTOR

5.1 Heritage woodworking and door/window contractor

Name of heritage woodworking and door/window contractor who will work on this project: _____

RBQ licence number of this contractor: _____

Does the heritage woodworking and door/window contractor meet the experience requirements listed in item 5.2?

Check one of the following: YES _____ NO _____

(Failure to provide information requested in this box will not be grounds for rejecting the bid.)

5.2 Experience of the heritage woodworking and door/window contractor

The bidder must submit three (3) projects completed in the ten (10) years preceding the invitation to tender closing date and executed by the heritage woodworking and historical door and window restoration contractor that will carry out the work.

Each of the three (3) projects must involve work of a heritage nature (restoration of historical wooden doors and windows and/or restoration of historical architectural wooden features, such as panelling, mouldings, frames and interior door framing) worth at least \$250,000 (including taxes) and include at least three (3) of the following five (5) elements:

1. Restoration of 100-year-old wooden double-hung windows (site and shop work);
2. Restoration of 100-year-old wooden casement windows (site and shop work);
3. Restoration of 100-year-old massive wooden doors (site and shop work);
4. Restoration of historical wooden architectural features (eg, panelling, interior sliding door frames);
5. Installation of new complex windows in a heritage environment with massive stone walls.

As a whole, the three (3) projects submitted must cover at least four (4) of the five (5) elements above.

The bidder must submit client references for each project submitted and their contact details so that the Government of Canada can communicate with them.

Information to be provided for each project:

- Project title and location
- Project time frame (start date and end date)
- Cost of heritage woodworking and door/window construction work (initial and final costs)
- References:
 - Architect's contact information (name, telephone number and email address)
 - Client's contact information (name, telephone number and email address)
- Project description. You must clearly describe the executed interventions types among the five (5) elements above.

Although it is not mandatory, we recommend that the bidder use the suggested form to record the information about each project (see Form 5.2 on the next page) to reduce the risk of omitting information to be included in the bid.

Canada reserves the right to contact references (architect and/or client) to confirm the information included in the project presentation.

FORM 5.2 –Heritage woodwork and door/window contractor project presentation form	
Project title:	
Location (complete address of the building where the work was executed):	

Project time frame:	Start:		End:	
Costs of heritage woodwork and door/window construction work (minimum \$250,000 incl. taxes):	Initial:		Final:	

PROJECT REFERENCES			
Client name:		Architect name:	
Name of Client's contact :		Name of Architect's contact:	
Telephone:		Telephone:	
Email:		Email:	

Heritage elements in the project: <i>(check the applicables elements) -----></i>	Yes	No
The project involves restoration of 100-year-old wooden double-hung windows (site and shop work)		
The project involves restoration of 100-year-old wooden casement windows (site and shop work)		
The project involves restoration of 100-year-old massive wooden doors (site and shop work)		
The project involves restoration of historical wooden architectural features (eg, panelling, interior sliding door frames)		
The project involves installation of new complex windows in a heritage environment with massive stone walls.		

THE PROJECT MUST CONTAIN AT LEAST 3 OF THE 5 ELEMENTS ABOVE
Reminder: As a whole, the 3 projects submitted must cover at least 4 of the 5 elements above.

PROJECT DESCRIPTION

Solicitation No – N° de l'invitation
EE520-151410/B

Amd. No. – N° de la modif.

Buyer ID – id de l'acheteur
qcm009

Client Ref No. – N° de réf. du client
EE520-151410

File No. – N° du dossier
QCM-4-37219



***** If required, you can attach additional sheets to further describe the project.**

SECTION 6 HERITAGE SHEET METAL AND METAL ROOFING CONTRACTOR

6.1 Sheet metal and metal roofing contractor

Name of sheet metal and metal roofing contractor who will work on this project: _____

RBQ licence number of this contractor: _____

Does the sheet metal and metal roofing contractor meet the experience requirements listed in item 6.2?

Check one of the following: YES _____ NO _____

(Failure to provide information requested in this box will not be grounds for rejecting the bid.)

6.2 Experience of the heritage sheet metal and metal roofing contractor

The bidder must submit three (3) projects completed in the ten (10) years preceding the invitation to tender closing date and executed by the heritage sheet metal and metal roofing contractor that will carry out the work.

Each of the three (3) projects must involve work of a heritage nature (replacement of historical metal roofing and/or replacement of historical copper roofing and/or replacement of historical copper seam roofing) worth at least \$1,250,000 (including taxes) and include at least three (3) of the following six (6) elements:

1. Replacement of copper roofing;
2. New copper roofing with complex geometric shapes;
3. New historical metal roofing on a major heritage building;
4. New metal seam roofing in a heritage context;
5. Fabrication and installation of copper trimwork;
6. New conical metal turret roofing.

As a whole, the three (3) projects submitted must cover at least five (5) of the six (6) elements above.

Information to be provided for each project:

- Project title and location
- Project time frame (start date and end date)
- Cost of heritage sheet metal and metal roofing construction work (initial and final costs)
- References:
 - Architect's contact information (name, telephone number and email address)
 - Client's contact information (name, telephone number and email address)
- Project description. You must clearly describe the executed interventions types among the six (6) elements above.

Although it is not mandatory, we recommend that the bidder use the suggested form to record the information about each project (see Form 6.2 on the next page) to reduce the risk of omitting information to be included in the bid.

Canada reserves the right to contact references (architect and/or client) to confirm the information included in the project presentation.

FORM 6.2 –Heritage sheet metal and metal roofing contractor project presentation form	
Project title:	
Location (complete address of the building where the work was executed):	

Project time frame:	Start:		End:	
Costs of the heritage sheet metal and metal roofing work (minimum \$1,250,000 incl. taxes):	Initial:		Final:	

PROJECT REFERENCES			
Client name:		Architect name:	
Name of Client's contact :		Name of Architect's contact:	
Telephone:		Telephone:	
Email:		Email:	

Heritage elements in the project: <i>(check the applicables elements) -----></i>	Yes	No
The project involves the replacement of copper roofing		
The project involves new copper roofing with complex geometric shapes		
The project involves new historical metal roofing on a major heritage building		
The project involves new metal seam roofing in a heritage context		
The project involves the fabrication and installation of copper trimwork		
The project involves new conical metal turret roofing.		

THE PROJECT MUST CONTAIN AT LEAST 3 OF THE 6 ELEMENTS ABOVE
Reminder: As a whole, the 3 projects submitted must cover at least 5 of the 6 elements above.

PROJECT DESCRIPTION

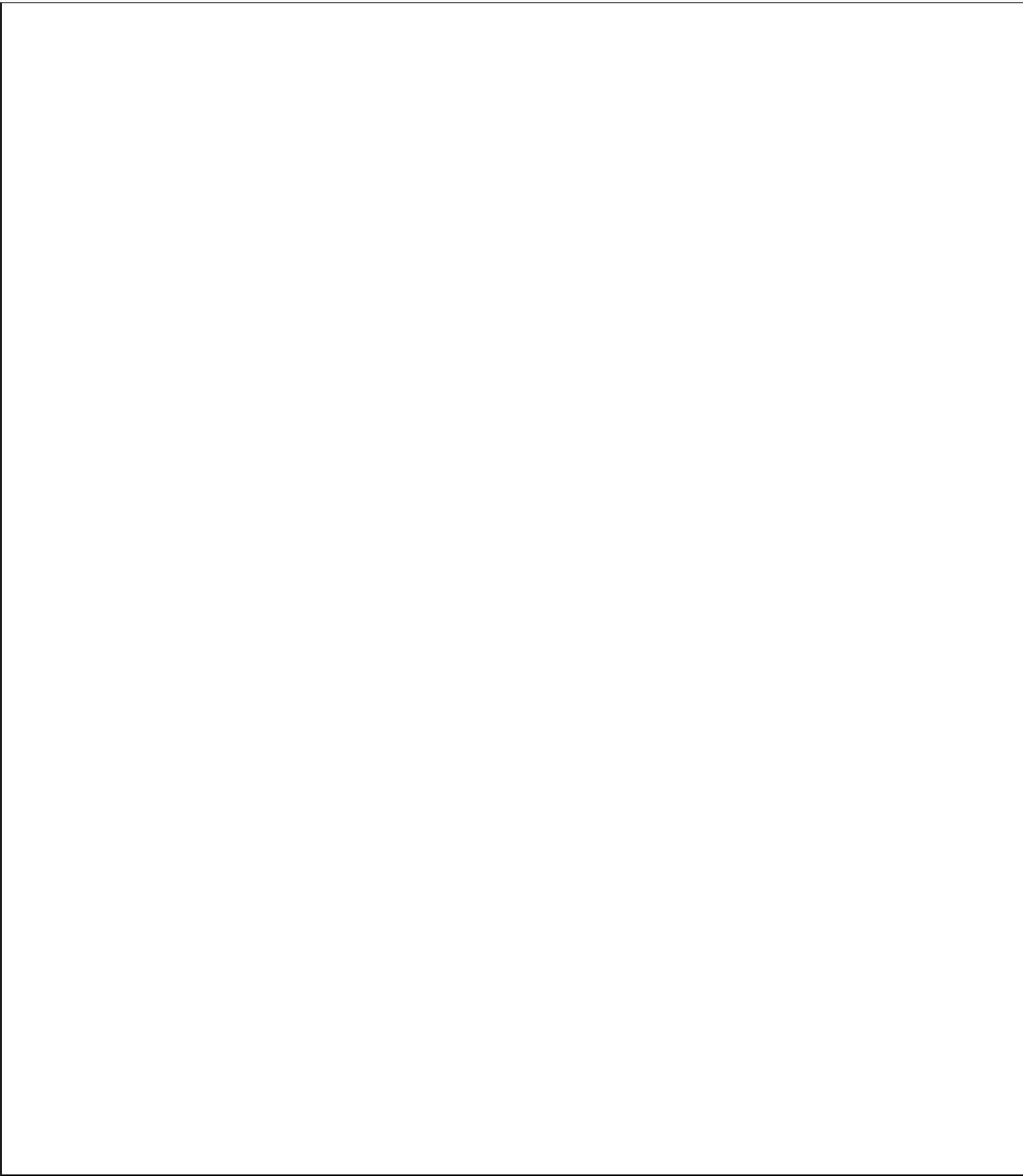
Solicitation No – N° de l'invitation
EE520-151410/B

Amd. No. – N° de la modif.

Buyer ID – id de l'acheteur
qcm009

Client Ref No. – N° de réf. du client
EE520-151410

File No. – N° du dossier
QCM-4-37219



***** If required, you can attach additional sheets to further describe the project.**

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



Travaux publics et
Services gouvernementaux
Canada

Public Works and
Government Services
Canada

Description and Location of Work	Contract No.
	Project No.

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

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

Additional Insured

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

Type of Insurance	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
Commercial General Liability				\$	\$	\$
Umbrella/Exce ss Liability				\$	\$	\$
Builder's Risk / Installation Floater				\$		

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

CERTIFICATE OF INSURANCE Page 2 of 2

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) **\$10,000,000** Each Occurrence Limit;
- (b) **\$10,000,000** General Aggregate Limit per policy year if the policy contains a General Aggregate; and
- (c) **\$10,000,000** 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>).

