

REQUEST FOR TENDER
LITTLE TAY BRIDGE REHABILITATION
CONTRACT No. ES-2026-06



Closing Date and Time:
April 15 2026 @ 2:00pm

INSTRUCTIONS TO TENDERER

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REQUEST FOR TENDER
LITTLE TAY BRIDGE REHABILITATION
CONTRACT No. ES-2026-06

Name of Firm or Individual

Mailing Address

Telephone / Fax Number

Email Address

Name/Position of Person Signing for Firm

Town of Perth
Environmental Services
Department
80 Gore Street East
Perth, Ontario
K7H 1H9

Attention: Mr. Grant Machan, C.E.T. Director
Environmental Services
Telephone: (613) 267-3311
Fax: (613) 267-5635

INSTRUCTIONS TO TENDERER

INVITATION TO TENDER

Sealed Tenders marked ‘**Town of Perth – Little Tay Bridge Rehabilitation - Contract ES-2026-06**’ will be received at the office of the Director of Environmental Services located at 80 Gore Street East, Perth, Ontario up to 2:00 pm local time, April 15, 2026. Bids received after the closing time will not be considered. Tenders will be opened in public at the Environmental Services Office immediately following closing.

1. SCOPE OF WORK

The Contractor shall provide all labour, equipment, materials and supervision necessary to complete the work as described in the Agreement, Addenda, Special Provisions, Contract Drawings, Information to Bidders, Supplemental Specifications, Standard Specifications, Tender Form, Supplemental General Conditions, and General Conditions.

The following is a brief description of the work required under this Contract:

- Mobilize to site and Implement traffic control including temporary signage and barriers as required
- Implement environmental protection, erosion and sediment control measures, and utility protection measures as required.
- Install access and allow for Engineer’s inspection.
- Carry out shallow mortar repointing.
- Carry out deep mortar repointing.
- Carry out stone resetting.
- Remove environmental protection, erosion and sediment control measures.
- Remove traffic control measures and demobilize from site

2. PAYMENT FOR CONTRACT DOCUMENTS

Payment for Contract documents through the on-line bid platform will be non- refundable.

3. EXAMINE

The Tenderer must carefully examine the Contract documents and the site of the proposed works, judging for and satisfying themselves as to the probable conditions to be encountered. Should a Tenderer find discrepancies in, or omissions from, the drawings or other documents, or should they be in doubt as to their meaning, they should at once notify the Director, Environmental Services. The Tenderer may not claim, after the submission of a tender, that there was any misunderstanding with respect to the conditions imposed by the documents.

The Tenderer's attention is drawn to the Special Provisions of the documents which contain any changes or additions to the General Conditions and/or specifications. The Tenderer's attention is also drawn to any addenda which may be issued prior to the time of tender closure.

INSTRUCTIONS TO TENDERER

No verbal agreement or conversation made or had at any time with any officer, agent, or employee of the Owner, or the Director, Environmental Services shall affect or modify or be deemed to be any representation or warranty of any of the terms or obligations herein stated.

4. QUESTIONS

All enquiries must be sent **by email only** to the distributor of this RFT to:

Name: Noah Greer

Manager of Construction & Development Services

Email: engtech@perth.ca

Enquiries will be received until 5 p.m. five (5) business days preceding the tender closing. All responses to enquiries will be made by the distributor of the RFT by 5:00 p.m. three (3) business days preceding the tender closing.

INSTRUCTIONS TO TENDERER

5. FORM OF SUBMISSION

- a) Sealed Tenders on the forms provided will be received by the Director, Environmental Services until **2:00 pm local time, April 15, 2026** at the Perth Town Hall, 80 Gore Street East, Perth, Ontario for this Contract.
- b) Tenders must be submitted in sealed envelopes with the Contract number and Bidder's name and address clearly marked on the outside.
- c) The Tender must be accompanied by a deposit, enclosed in the same envelope as the Tender. The deposit shall be a bid bond, certified cheque, bank draft or money order, made payable to the Corporation of the Town of Perth equal to or greater than the amount shown in the following Table.

TENDER AMOUNT	MINIMUM DEPOSIT REQUIRED
Less than or equal to \$20,000	\$1,000
\$20,000.01 to \$50,000	\$2,000
\$50,000.01 to \$100,000	\$5,000
\$100,000.01 to \$250,000	\$10,000
\$250,000.01 to \$500,000	\$25,000
\$500,000.01 to \$1,000,000	\$50,000
\$1,000,000.01 to \$2,000,000	\$100,000
\$2,000,000.01 and over	\$200,000

- d) The Tender Form must be signed and witnessed in the space provided on the form, with the signature of the Bidder or of a representative official of the organization bidding. If a joint bid is submitted, it must be signed and witnessed on behalf of each of the Bidders, and if the signing is vested in one individual, he/she shall sign separately on behalf of each Bidder. In the case of an incorporated company, the corporate seal must be affixed to the Tender Form.
- e) The Tender must be legible, written in ink or typewriter and **ALL ITEMS MUST BE BID**, where stipulated, with the unit price for every item and other entries clearly shown.
- f) The Bid must not be restricted by a statement added to the Tender Form or a covering letter, or alterations to the Tender Forms provided by the Town.
- g) Erasures, overwriting, or strike-outs must be initialed by the person signing on behalf of the organization bidding.
- h) Adjustments by telegram, fax, letter, email or other electronic method, to a Tender already submitted will not be considered. A Bidder desiring to make adjustments to a tender must withdraw the Tender and/or replace it with another Tender before the time listed as the formal closing in paragraph (a).
- i) **Unacceptable Tenders** - Each item in the Tender Form shall be a reasonable price for such item. Under no circumstances will an unbalanced tender be considered. The Town of Perth will be the sole judge of such matters, and should any tender be considered to be unbalanced, then it will be rejected by the municipality.
- j) **Right to Accept or Reject Tenders** - The Town of Perth reserves the right to reject any or all tenders or to accept any tender should it be deemed to be in the best interest to do so.

INSTRUCTIONS TO TENDERER

The tenderer acknowledges and agrees that the Town of Perth will not be responsible for any costs, expenses, losses, damages or liability incurred by the tenderer as a result or arising out of submitting a tender for the proposed contract or due to the municipality's acceptance or rejection of their tender. Tenders which are incomplete, conditional or obscure, or which contain additions not called for, alterations, or irregularities of any kind, may be rejected as informal.

- k) The lowest or any tender may not necessarily be accepted.
- l) **Tied Tenders** - In the event that the evaluation of the tender submissions determines that two or any submissions are considered to be exactly the same amount (within 1%), then the Town of Perth shall have the sole right to select the successful tender.

6. ABILITY AND EXPERIENCE OF BIDDER

The Town of Perth reserves the right to reject the tender of any bidder who does not furnish satisfactory evidence of sufficient capital, equipment, and experience to successfully prosecute and complete the work in the specified time.

In order to aid the Town of Perth in determining the experience of the bidder, the Bidder shall, within three (3) working days after being requested by the municipality, furnish satisfactory evidence to the Corporation as to the Bidder's experience and familiarity with work of character specified and financial ability to execute the proposed work properly within the specified time. Failure by the successful bidder to meet any of the forgoing requirements will entitle the municipality to cancel the award of the contract and to retain the tender deposit as compensation for damages sustained due to the successful bidder's default. The Corporation may then award the contract to one of the other bidders or take such other action as it chooses.

7. TENDER PRICE

The price shall be filled in by the Tenderer where indicated in the Tender Form. The prices tendered shall include the supply and installation of all materials except those specified to be supplied/installed by others, all supervision, labour and equipment, and a provision for overhead and profit, and shall represent the entire cost to the Owner for the completed works as specified and shown on the drawings.

Unit prices shall be filled in where indicated in the Tender Form regardless of whether a quantity is shown. The unit prices shall be extended in accordance with the quantities shown and the extensions shall be inserted in the space provided. The Total Tender must be an accurate extension of the unit and lump sum prices submitted and the quantities shown. In the event of a discrepancy between the unit prices and extended totals, the unit prices will govern and the Director, Environmental Services will correct the extended totals accordingly.

All tender prices shall be valid for 60 days

INSTRUCTIONS TO TENDERER

8. QUANTITIES

The quantities inserted against the various items in the Schedule of Quantities and Prices of the Tender Form have been stated for the purpose of comparing tenders on a uniform basis, but it must be distinctly understood that any quantities shown in the said Schedule are approximate only and that neither the Owner nor the Director Environmental Services expressly, or by implication, represent that the actual quantities will correspond therewith. Should substantial variations in the tender quantities occur following construction, then the provisions of OPS General Condition G.C. 8.01 shall apply.

9. SCHEDULE OF FORCE ACCOUNT RATES

The Tenderer must indicate, in the Schedule of Force Account Rates of the Tender Form, all personnel and equipment hourly rates are likely to be used on the project. These rates will form the basis for payment for force account work (time and materials) carried out under this contract. Failure to adequately complete the schedule may result in the Tender being considered incomplete.

10. LIST OF SUBCONTRACTORS

The Tenderer must indicate, in the List of Subcontractors in the Tender Form, the names of all subcontractors he proposes to employ on the work. Subcontractors shall not be changed or additional subcontractors employed without the written authorization of the Director, Environmental Services. Failure to submit a complete list may result in the Tender being considered incomplete.

11. TENDER SIGNING

The Tender must be executed under seal by the Tenderer.

If the Tenderer is an individual or a partnership, the Tender shall be executed by the individual or a partner in the presence of a witness and the signer must show the capacity in which he/she signs, e.g., "Partner" or "Proprietor".

If the Tenderer is a corporation, the Tender shall be executed under the seal of the company affixed in the presence of the authorized officers or directors.

If the Tenderer is a joint venture, each party to the joint venture shall execute the Tender under seal in the manner appropriate to such party.

12. TENDER WITHDRAWAL

A Tenderer may, without prejudice to themselves, withdraw his/her tender on written request received any time prior to the time set for the closing of tenders.

INSTRUCTIONS TO TENDERER

13. AWARD

The Owner will, following receipt of an acceptable tender, issue in writing a Notice of Award to the successful Tenderer. The anticipated award date is **May 29, 2026**, pending council approval. This notice will be given as soon as possible following the closing of tenders and, unless otherwise agreed to by the Tenderer, not later than sixty (60) days following the closing of tenders.

14. RELEASE OF TENDER DEPOSIT

The tender deposit of all tenderers except the low and second low tenderers will be returned without interest, within 30 days of the tender opening. The tender deposit of the second low tenderer will be returned when the successful tenderer has returned the executed Agreement and other applicable documents to the Owner.

The successful tenderer will have his tender deposit returned after he/she has returned the executed Agreement and other applicable documents. The tender deposit cheque or security shall be forfeited if the successful tenderer fails to return to the Owner, within ten days of receipt of the acceptance of tender, the executed Agreement and other required documents.

15. SCHEDULE OF COMPLETION

The Contractor shall complete this Contract in its entirety by **September 14, 2026**. No shoreline or in-water works are permitted to begin prior to **July 16, 2026**.

If this time limit above specified is not sufficient to permit completion of the Work by the Contractor working a normal number of hours each day or week on a single daylight shift basis, it is expected that additional and/or augmented daylight and night shifts will be required throughout the life of the Contract to the extent deemed necessary by the Contractor to ensure that the Work will be completed within the time limit specified. Any additional costs occasioned by compliance with these provisions will be considered to be included in the prices bid for the various items of work and no additional compensation will be allowed therefore.

16. PERFORMANCE SURETY

Bidders must have the "Agreement to Bond" Form of this Contract or an acceptable alternative Agreement to Bond Form completed by their Bonding Companies and the same must be submitted with their tendering order to validate their bids.

The successful tenderer and its surety will provide:

1. A Performance Bond signed and sealed by the Tenderer's surety; in the amount of at least one hundred percent (100%) of the total Tender price, issued by an approved Guarantee Company must be furnished by the Contractor when the Contract is signed. And;
2. A labour and material payment bond signed and sealed by the Tenderer's surety; in the amount of at least fifty percent (50%) of the total Tender price, issued by an approved

INSTRUCTIONS TO TENDERER

Guarantee Company must be furnished by the Contractor when the Contract is signed.

All bonding will be required on acceptance of the Contract and prior to commencement of any work. If a bond is to be submitted, it shall be furnished by a certified bonding company, with head office in Canada, or authorized to carry on business in Canada. The Town of Perth shall be named as obligee.

17. WARRANTY

The Contractor shall provide a written warranty/guarantee that any defect or deficiency in the Work which appears within twelve (12) months following the issuance of a Notice of Substantial Completion shall be promptly rectified, at no cost to the Town of Perth.

INSTRUCTIONS TO TENDERER

PERFORMANCE BOND

Bond No. _____

Amount: _____

KNOW ALL MEN BY THESE PRESENTS, that we _____ hereinafter called the "Principal" and _____ hereinafter called the "Surety", are jointly and severally held and firmly bound unto _____ hereinafter called the "Oblige", each in the sum of _____ Dollars (\$ _____) of lawful money of Canada, to be paid to the said Oblige or bis successors or assigns, for which payment well and truly made, we jointly and severally bind ourselves, our and each of our respective heirs, executives, administrators and successors, and every of them forever, firmly by these Presents.

SEALED with our several and respective seals.

DATED this _____ day of _____ in the year of our Lord Two Thousand and _____.

WHEREAS by a certain written Agreement dated this ___ day of _____ in the year of _____, the Principal has contracted and agreed with the said Oblige to in the said Agreement and in the Tender, General Conditions, Plans, Profiles and Specifications annexed to or forming part of the said Agreement, more particularly mentioned and described, all of which are herein called the Contract at the price upon the terms and conditions as in the Contract more fully set forth, and having been required to furnish good and sufficient security for the due and proper fulfilment of the Contract, the Surety has consented to become such security, and to execute these Presents.

TENDER FORM

TENDER FORM

TO: Mayor and Council of the Corporation of the Town of Perth
This Tender is Submitted By:

Firm Name

Address

Telephone Number

Fax Number

I, _____ (Name)
of _____ (Firm)

- 1) **Declare** that no person, firm or Corporation other than the one whose signature or the signature of whose proper officers and seal is or are attached below, has any interest in this Tender or in the contract proposed to be taken.
- 2) **I Further Declare** that this tender is made without any connections, knowledge, comparison of figures or arrangement with any other company, firm or person making a tender for the same work and is in all respects fair and without collusion or fraud.
- 3) **I Further Declare** that no members of Town Council, or any officer of the Corporation of the Town of Perth is, or will become interested directly or indirectly as a contracting party or otherwise, in the performance of this contract, or in the supplies, work or business to which it relates or any portion of the profits thereof, or any such supplies to be used therein or in any of the monies to be derived therefrom, unless he/she first declares an interest in this Contract to the Town of Perth prior to the opening of the Tenders.
- 4) **I Further Declare** that **several** matters stated in the said tender are in all respects true.
- 5) **I Further Declare** that I have carefully examined the Contract Documents and the locality of the proposed work, and having full knowledge of the work required and of the materials, to be furnished and used, hereby agree to provide all necessary materials, supervision, labour and equipment and perform and complete all work and fulfill everything as set forth and in strict accordance with the Contract Documents and **Addenda numbered _____** for the prices stated in the Tender Form Schedule of Quantities and Prices.
- 6) I Further Agree:
 - a. That the **Owner** is in no way obligated to accept this Tender.

TENDER FORM

- b. That should the Tender Form be improperly completed or be incomplete, the Owner shall have the right to disqualify and/or reject this Tender.
 - c. That this Tender is irrevocable for sixty (60) days after the closing date for receipt of tenders and that the Owner may at any time within such period accept this Tender whether any other tender has previously been awarded or not and whether notice of award of another tender has been given or not.
 - d. To execute the Contract Agreement and deposit with the Owner a Performance Bond on the form provided in the documents and for the amounts specified in Article 18 of the Tender Form, within ten (10) days of the day of the Notice of Award of the Contract, such time limit being extended only on the written approval of the Owner.
 - e. To complete all work under the Contract in its entirety, subject to the requirements of Section 5 of the Special Provisions - General for extension of Contract time, with the following deadlines:
 - **September 14, 2026**
 - f. That should he/she fail to complete the work in the time specified above, he/she shall compensate the Owner in accordance with Part 5 of the Special Provisions - General.
 - g. To do all extra work not reasonably inferable from the specifications or drawings but called for in writing by the Director, Environmental Services and to accept as full compensation therefore payment in accordance with the provisions of the General Conditions.
 - h. The Owner reserves the right to waive informalities in or reject any or all tenders, or accept the tender deemed most favorable in the interest of the Owner.
 - i. That payment for the work done will be made on the basis of the quantities measured by the Director, Environmental Services and at the prices shown in the Tender Form which shall be compensation in full for the work done under the terms of the Contract.
 - j. The Town reserves the right to change the work in whole or in part. The contractor shall not be compensated for any loss of profit from the deletion or deferral of any item, in whole or in part.
- 7) I Furthermore Agree:
- a. That wherever the words "Town" or "Corporation" appear in this contract, it may be interpreted as meaning "The Corporation of the Town of Perth".
 - b. That wherever the words "Engineer" or "Contract Administrator" or "Director" appear in this contract, it shall be interpreted as meaning the "Director, Environmental Services", or his designate.

TENDER FORM

SCHEDULE OF ITEMS AND PRICES – LITTLE TAY BRIDGE REHABILITATION

“Spec. No.:" - refers to the applicable most recent issue of the Ontario Provincial Standard Specifications (OPSS.MUNI) or Ontario Provincial Standard Drawings (OPSD).

“SP” - refers to Special Provisions

“LS” - refers to a Lump Sum bid

“m³” - refers to cubic metres

“m²” - refers to square metres

“m” - refers to linear metres

SCHEDULE OF UNIT PRICES

RFT ES-2026-06 LITTLE TAY BRIDGE REHABILITATION

In accordance with the first paragraph of the Tender, the Tenderer hereby offers to complete the work specified in the Contract for the following unit prices:

ITEM No.	SP/OPSS No.	DESCRIPTION OF ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL
1	SP #1	Sitework including Mobilization and Demobilization	LS	1		
2	SP #2, 706	Traffic Control	LS	1		
3	SP #3, 182, 805	Environmental Protection / Erosion and Sediment Control	LS	1		
4	SP #4, 928	Access to Work Area, Work Platform and Scaffolding and Access for Engineer's Inspection (where not otherwise specified)	LS	1		
5	SP #5	Stone Masonry Shallow Repointing (<38mm)	m ²	35		
6	SP #6	Stone Masonry Deep Repointing (>38mm)	m ²	20		
7	SP #7	Stone Masonry Stone Resetting	m ²	10		
Tender Price (excluding HST)						
Contingency (10%)						
HST (13%)						
Total Tender Price (including HST)						

Note: The Contractor agrees that they are not entitled to payment of Provisional Items or Contingency except for additional work carried out by the Contractor in accordance with the Contract as directed by the Contract Administrator in writing and only to the extent of such additional work.

TENDER FORM

TENDERER'S QUESTIONNAIRE

The following equipment information must be provided in order that the Owner may judge the Contractor's ability to fulfill the Contract Requirements.

Equipment Type	Size	Model/Year	Make

TENDER FORM

SCHEDULE OF FORCE ACCOUNT RATES

The following personnel and equipment rates will form the basis of payment for force account work carried out in accordance with the General Conditions.

Personnel

List by Occupation	Hourly Rate	Overtime Hourly Rate
Superintendent		
Foreman		
Labourer		
Equipment Operator		
Construction Surveyor / Grade Man		
Truck Hauler		
Flag Person		
OTHER (List)		

Equipment: (COMPLETE WITH OPERATOR)

Description	Model and Size	Hourly Rate
Grader		
Bulldozer		
Excavator – Track Mounted		
Backhoe – Rubber Tire		
Tandem Dump Truck		
Gradall		
Tractor loader / Rubber Tire Backhoe		
Excavator with Mechanical Breaker		
Rubber Tire Backhoe with Mechanical Breaker		
Vibratory Compactor – Roller		
OTHER (List)		

TENDER FORM

REFERENCES

1st Company

Company Name

Person to Contact

Company Phone Number

Company Facsimile

Please provide a brief description of type of work performed and dates below:

2nd Company

Company Name

Person to Contact

Company Phone Number

Company Facsimile

Please provide a brief description of type of work performed and dates below:

TENDER FORM

I/We hereby agree that the work specified in this Contract will be performed in strict accordance with the following provisions, plans, specifications, and conditions:

GENERAL CONDITIONS OF THIS CONTRACT

OPSS 100 Muni. General Conditions (November 2019) (as modified under the Special Provisions General).

SPECIAL PROVISIONS - GENERAL

Special Provisions - General Special Provisions

PLANS

Complete set of issued for tender drawings prepared by HP Engineering – Little Tay Bridge Rehabilitation:

Cover Sheet

- 1) General Arrangement East Barrel
- 2) General Arrangement West Barrel
- 3) Mortar Repair Details

ONTARIO PROVINCIAL STANDARD DRAWINGS

The following is a list of OPSD's that apply to the Contract. This table does not include all OPSD's that may apply. As part of this contract, all relative OPSD's apply unless otherwise indicated.

OPSD No.	Date	OPSD No.	Date

ONTARIO PROVINCIAL STANDARD SPECIFICATIONS

The following is a list of OPSS's that apply to the Contract. As part of this contract, all related or referenced OPSS's may apply unless otherwise specified.

TENDER FORM

OPSS	DATE
100	November 2024
182	November 2021
491	November 2017
706	April 2018
805	November 2021
928	April 2019

NOTE: It will be the Contractor's responsibility to obtain the current copies of the Ontario Provincial Standard Specifications and General Conditions listed above, which form part of the Contract.

TENDER FORM

Signatures

This Tender Form is executed at _____ of _____ in
the
County of _____ this _____ day of _____
20__.

Signature of Authorized Person
Signing for Contract
(Company Seal)

Witness and Position Held

THIS IS THE _____ LAST PAGE OF THE TENDER FORM TO BE SUBMITTED AS YOUR
TENDER FOR CONTRACT No. ES-2026-06

CONTRACT AGREEMENT

THIS **AGREEMENT** made in quadruplicate this _____ day of _____ in the year 20_____.

Between _____ of the Province of Ontario.

Hereinafter called the "Contractor"

THE PARTY OF THE FIRST PART

And

THE CORPORATION OF THE TOWN OF PERTH

Hereinafter called the "Town"

THE PARTY OF THE SECOND PART

WITNESSETH, that the party of the first part, for and in consideration of the payment or payments specified in the Tender for this work, hereby agrees to furnish all necessary machinery, tools, equipment, supplies, labour and other means of construction and, to the satisfaction of the Director of Corporate and Environmental Services, to do all the work as described hereafter, furnish all the materials except as otherwise specified, and to complete such works in strict accordance with the plans, specifications and Tender hereafter, which are identified and acknowledged in the Schedule of Provisions, Plans, Specifications and Conditions attached to the Tender and all of which are to be read herewith and form part of the present Agreement as fully and completely to all intents and purposes as though all the stipulations hereof have been embodied herein.

Description of the Works for Contract No. ES-2026-06

The following is a brief description of the work required under this Contract:

- Mobilize to site and Implement traffic control including temporary signage and barriers as required
- Implement environmental protection, erosion and sediment control measures, and utility protection measures as required.
- Install access and allow for Engineer's inspection.
- Carry out shallow mortar repointing.
- Carry out deep mortar repointing.
- Carry out stone resetting.
- Remove environmental protection, erosion and sediment control measures.
- Remove traffic control measures and demobilize from site

The Contractor further agrees that he will deliver the whole of the works completed in accordance with the Agreement within the time stipulated in the Special Provisions entitled "Progress of the

CONTRACT AGREEMENT

Work and Time for Completion".

The Contractor further agrees that any monies due to the Town as a result of non-completion of the works within the time stipulated may be deducted from any monies due to the Contractor on any account whatsoever.

CONTRACT AGREEMENT

IN CONSIDERATION WHEREOF, said party of the second part agrees to pay the Contractor for all the work done under the unit prices of the Tender.

This agreement shall inure to the benefit of and be binding upon the heirs, executors, administrators and assigns of the parties hereto.

IN WITNESS WHEREOF, the Contractor and the Town have hereto signed their names and set their seals on the day first above written.

Signature of Corporation
Seal of Corporation

Signature of Contractor

Witness and Position Held

J. Brown, Mayor

A.Noel, Clerk
Signatures of designated Municipal
Officer and Corporate Seal

1. DESCRIPTION

The Contractor shall provide all labour, equipment, materials and supervision necessary to complete the work as described in the Agreement, Addenda, Special Provisions, Contract Drawings, Information to Bidders, Supplemental Specifications, Standard Specifications, Tender Form, Supplemental General Conditions, and General Conditions.

The following is a brief description of the work required under this Contract:

- Mobilize to site and Implement traffic control including temporary signage and barriers as required
- Implement environmental protection, erosion and sediment control measures, and utility protection measures as required.
- Install access and allow for Engineer's inspection.
- Carry out shallow mortar repointing.
- Carry out deep mortar repointing.
- Carry out stone resetting.
- Remove environmental protection, erosion and sediment control measures.
- Remove traffic control measures and demobilize from site

2. CLARIFICATION

It will be the Contractor's responsibility to clarify with the Engineer any questions or concerns relating to details contained within the contract documents, plans and accompanying reports before advancing with construction of the works. All questions raised will be promptly investigated by the Contract Administrator and reported back to the Contractor prior to advancement of the work.

3. DEFINITION OF OWNER AND ENGINEER

Owner or **Town** or Corporation means the Town of Perth.

Engineer or **Works Inspector** or **Contract Administrator** means the Director, Environmental Services, or his designate.

4. GENERAL CONDITIONS OF THE CONTRACT

The requirements of OPSS 100 Muni. General Conditions (November 2019) shall apply to this contract.

5. PROGRESS AND TIME FOR COMPLETION

5.1. Time

Time shall be of the essence of this agreement.

5.2. Progress and Time for Completion

The Contractor shall complete this Contract in its entirety by September 14, 2026.

All schedules are based on the assumption that a Notice of Award will be issued by May 29, 2026, and will be modified based on equivalent days past May 29, 2026.

No shoreline or in-water works are permitted prior to July 16, 2026

If this completion date is not sufficient to permit completion of the work by the Contractor working a normal number of hours each day or week on a single daylight shift basis, it is expected that additional and/or augmented daylight shifts will be required throughout the life of the contract to the extent deemed necessary by the Contractor to ensure that the work will be completed within the limit specified. No additional compensation will be allowed.

The Contractor shall prepare a work schedule and supply the required labour and equipment to complete the contract substantially on or before the dates outlined above.

5.3. Time Extensions

If the Contractor is delayed in completion of the work,

- a. by reason of changes or alterations made under section GC 3 of the General Conditions;
- b. by reason or any breach of contract or prevention by the Corporation of other Contractor's of The Corporation to carry out work;
- c. by reason of delay by the Corporation in issuing instructions or information in delivering materials;
- d. by any other act of neglect of the Corporation or any other Contractor of the Corporation or any employee of any one of them;
- e. for any cause beyond reasonable control of the Contractor; or
- f. by Acts of God, or of the Public Enemy, Acts of the Province or any Foreign State, Fire, Flood, Epidemics, Quarantine, Restrictions, Embargoes, or delays of Sub-Contractors due to such cause.

The time of completion may be extended in writing at any such time of such terms and for such period as shall be determined by the Contract Administrator, and notwithstanding such extensions, time shall continue to be deemed of the essence for this contract.

An application by the Contractor for any extension of time as herein provided shall be made to the Corporation in writing at least fifteen (15) days prior to the date of completion fixed by the Contract. All Bonds or other Surety furnished to the Corporation by the Contractor shall be amended where necessary at the expense of the Contractor to provide coverage beyond the date of any extensions of time granted, and the Contractor shall furnish the Corporation with evidence of such amendment of the Bonds or other Surety.

5.4. Liquidated Damages

It is agreed by the parties in the contract that in case all work called for under the Contract is not finished or completed within the date as set forth in the Special Provisions, damage will be sustained by the Corporation and that it is said will be impracticable and extremely difficult to ascertain and determine the actual damage which the Corporation will sustain in the event of and by any reason of such delay and the parties here to agree that the Contractor will pay to the "Corporation" the sum of **One Thousand Dollars (\$1,000.00)** for liquidated damages for each and every calendar days delay in finishing the work beyond the noted completion date, and it is agreed that this amount is an estimate of the actual damage to the Corporation which will accrue during the period in excess of the prescribed completion date.

The Corporation may deduct any amount due under this paragraph from any monies that may be due or payable to the Contractor on any account whatsoever. The liquidated damages payable under this paragraph are in addition to and without prejudice to any other remedy, action or other alternative that may be available to the Corporation. The Contractor shall not be assessed with liquidated damages for any delay caused by Acts of God, or of the Public Enemy, Acts of Province or any Foreign State, Fire, Flood, Epidemics, Quarantine Restrictions, Embargoes or any delays of Sub-Contractor's due to such causes.

6. THE "CONTRACTOR'S SCHEDULE OF WORK"

Forthwith upon award of this Contract the Contractor shall prepare a "Contractor's Schedule of Work. The "Contractor's Schedule of Work" will be completed by the Contractor and remitted to the Corporation with his/her signed contract documents for execution by the Corporation.

7. MATERIALS – SUPPLY OF MATERIALS

The Contractor shall be responsible for supplying materials required to complete the work in accordance with the specifications. The source of supply and quality of all materials supplied by the Contractor must be approved by the Town prior to their use in the contract.

8. ONTARIO PROVINCIAL STANDARDS

Ontario Provincial Standard Specifications (OPSS) and Ontario Provincial Standard Drawings (OPSD) form part of this contract.

9. CONTRACTOR'S RESPONSIBILITY FOR DAMAGES

Section G.C.7.0.4 of the Ontario Provincial Standards – General Conditions is amended by the addition of the following:

DUST CONTROL – The Contractor shall take such steps as may be required to prevent dust nuisance wherever it would affect traffic or cause damage or discomfort to residents of the area in which the work is being carried out.

Where the work requires sawing of asphalt or sawing or grinding of concrete, blades or grinders of the wet type shall be used together with sufficient quantities of water to prevent the

incidence of dust.

The Corporation shall bear the cost of water authorized by the Contract Administrator and placed within the limits of this Contract as a deterrent to dust nuisance or for compaction requirements. On all other roads used by the Contractor in performance of the works described in the tender items, he shall be responsible for all costs incurred with keeping dust nuisance to levels acceptable to the Town.

Where the work results in tracking of mud onto adjacent roadways, the Contractor shall immediately remove such materials and ensure a continuous clean surface on the adjacent roadway as directed by the Town.

10. LIMITATIONS OF OPERATIONS

Subsection G.C. 7.07 of the OPSS General Conditions is amended by the addition of the following:

The Contractor shall co-operate with other Contractor's, utility companies and the Corporation and they shall be allowed free access to their work at all times. The Town reserves the right to alter the method of operations on this Contract to avoid interference with other work.

11. SALES TAX

13% HST shall apply.

12. UTILITIES AND SURVEY MONUMENTS

The attention of bidders is drawn to the presence of utility pole lines and underground utilities on this contract. It is the responsibility of the Contractor to investigate the location of, and assume all liability for damage to all utilities, services and structures whether above or below grade before commencing and during the work. Information regarding work restrictions around each active utility may be obtained by the Contractor by consulting directly with each of the respective utility companies. The location and depth of underground utilities and services shown on the Plans are based on information made available to the Owner. However, no responsibility will be assumed by the Owner for the correctness or completeness of the Plans with respect to existing public utilities and services whether underground or on the surface. It is the Contractor's responsibility to contact the Municipal Authorities and/or Utility Companies for further information in regard to the exact location of these utilities and services.

The Contractor shall not make any claim against the Owner for damages or extra work caused or occasioned by his relying upon such records, reports or information, either as a whole or in part, furnished by any civic department, or commission, private company or individual.

The Contractor shall protect all legal survey bars and monuments. Should any bars or monuments be damaged during the course of the work, the Contractor shall engage the services of an Ontario land surveyor to reset the damaged bar or monument. The Contractor

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shall pay all costs for such work.

13. CONTRACTOR'S NOTICE TO RESIDENTS

The Contractor must provide each household and/or business on every street covered by the Contract with a copy of a letter as shown below. This letter, complete in every detail and written on letterhead paper, shall be delivered by the Contractor to each home and/or business prior to commencement of work and the Town must be informed by letter when such notification has been served.

(Example Letter) Name of Contractor Date:

Attention: Resident/Occupant

The firm of _____ Construction Company has been engaged by the Town of Perth to construct _____ (list of works) on your street. It is proposed that this construction will commence on or after (estimated start date).

Should you require any information or assistance because of our construction please call our office at _____. As part of our contract, our company is assuming all responsibility for the construction work until it is completed in entirety. It would be appreciated if you can direct any calls or concerns to our office in order that we can address the concern as quickly as possible,

Yours truly,
Signed by Contractor

14. MAINTENANCE OF TRAFFIC

The Contractor shall provide the appropriate traffic control signage and/or appropriately attired flag persons, as required during the course of construction to comply with the safety requirements of latest edition of the MTO publication "Book 7 - Ontario Traffic Manual Temporary Conditions". All traffic control plans which provide direct impact on County Road corridors located within the Town of Perth must be approved by the County of Lanark. Should Police services be required to assist with traffic control costs will be included in this contract.

The Contractor must provide access for emergency services and one lane of local traffic at all times unless exempted by the Corporation. If during the course of the work, significant excavations necessitate lane closures, the Town of Perth will authorize the closure provided that 48 hours' notice is provided to enable the appropriate notices to be released to emergency services.

When in accordance with Section G.C.7.0.7 of the OPSS General Conditions, it is the Contractor's responsibility to maintain a road throughout the work, the Contractor shall supply at his expense, all labour, equipment and material to maintain the road in a satisfactory

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condition except that when required for normal maintenance purposes the supply and placing of Granular A and bituminous patching materials, will be paid for at the appropriate Tender unit prices. Where a Contractor has constructed detours which are not called for in the Contract and where labour, equipment and material are required to effect repairs to such detours due to failure of the roadbed, such work will not be considered as normal maintenance but as part of the cost of construction, and all such work will be at the Contractor's expense.

15. SAFETY

The Contractor shall submit a WSIB Certificate of Clearance prior to commencing work. Additional certificates of clearance may be requested before the release of any holdback.

The Contractor assumes full responsibility for conforming with all legislation regarding the safety of his employees and the public on this contract, and all notices required to comply with the legislation. The Contractor will be deemed to be the "Constructor" for the duration of this contract.

16. WORK HOURS

The Contractor shall not work on Saturdays, Sundays and Statutory Holidays on this contract without permission from the Town, unless working on these days is stipulated elsewhere in this contract.

Where the Contractor decides to work with the Town's approval, on a Saturday, Sunday or a Statutory Holiday, the Contractor shall pay to the Town any costs incurred by the Town for providing the supervisory staff deemed necessary by the Town.

17. NOTIFICATIONS

The Contractor shall notify the Police, Board of Education, Fire Departments and Ambulance Services 48 hours in advance of closing any roadway to traffic. Notification shall be given by delivering a sketch plan of the Town of Perth showing the portion of roadway to be closed to traffic together with an indication of the duration of the closure.

18. UNIT OF MEASUREMENT

All items are estimated in metric units as are specifications and standards.

19. PAYMENTS

Except as herein provided, payments under this contract will be made in accordance with Section G.C.8.0.2 of the OPSS General Conditions. The cut-off date for measurement of quantities for payment purposes will be the 25th day of the month. Payment will be made on or before the 30th day of the following month.

20. LOCATION AND STORAGE OF MATERIALS AND EQUIPMENT

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Materials and/or equipment shall not be stored within 4 m of the travelled portion of any roadway.

Notwithstanding the foregoing, the Contractor shall, at his own expense, remove any equipment or materials which, in the Contract Administrator's opinion, constitute a traffic hazard.

21. CLEAN UP

The Contractor shall thoroughly remove asphaltic and other discarded materials which may have been placed along the roadway during the performance of the work. Cleanup will be done to the satisfaction of the Works Inspector.

22. PROPERTY OWNER'S RELEASE (PRIVATE LAND USED BY THE CONTRACTOR)

Upon completion of the contract, the Contractor shall provide the Town with two (2) copies of a form of release signed by each property owner, upon whose land he entered for any purpose in conjunction with the contract. A sample release letter is as follows:

Date:

To: Mr. Grant Machan, C.E.T.
Director Environmental Services,
Town of Perth
80 Gore Street East
Perth, ON K7H 1H9

Re: Contract No. ES-2026-06

Dear Sir:

I hereby certify that (Name of Contractor) has fulfilled the terms of our agreement and has left my property in a satisfactory condition. I have accepted their final payment and release (Name of Contractor) and the Corporation of the Town of Perth from further obligations.

Yours very truly,

Signature

Property Owner's Name: _____

Address: _____

PLEASE COMPLETE THE ABOVE IN PRINTING

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Final payment will not be released to the Contractor until all the applicable forms of release have been signed by the property owners and received by the Town.

23. PREVENTION OF DAMAGE

The failure of the Town to order necessary precautionary measures, protective works or any other requirements shall not relieve the Contractor of the responsibility for the prevention of damage to the project, buildings, or other surface or sub-surface structures, or for accidents to persons, whether employed on the project or not, which might result from such failure to install, place or use such precautionary measures, protective works or other precautionary measures, protective requirements shall not relieve the Contractor from any of his responsibilities under this Contract.

24. INSURANCE

The Contractor's attention is drawn to the requirements of Section GC 6.03. Subsection G.C. 6.03.02 of the General Conditions is amended by the addition of the following: General Liability Insurance shall be in the name of the Contractor, with the Town of Perth as an additional Insured.

25. EMERGENCY AND MAINTENANCE MEASURES

Whenever the construction site is unattended by the general superintendent, the name, address, and phone number of a responsible official of the contracting firm, shall be given to the Contract Administrator. The official shall be available at all times and have the necessary authority to mobilize workmen and machinery to take any action as directed by the Contract Administrator in case emergency or maintenance measures are required; regardless of whether the emergency or requirement for maintenance was caused by the Contractor's negligence, act of God, or any cause whatsoever.

Should the Contractor be unable to carry out immediate remedial measures required, the Town will carry out the necessary repairs, the cost of which shall be charged to the Contractor.

26. GOVERNMENT REQUIREMENTS

The Contractor shall obey all Federal, Provincial and Municipal Laws, Acts, Ordinances, Regulations, Orders- In-Council and By-Laws which could in any way pertain to the work outlined in the Contract or the Employees of the Contractor, or Sub-Contractor.

27. PROVISIONAL ITEMS AND QUANTITIES

The Provisional items and quantities set forth in the Schedule of Items and Prices are approximate only and may or may not be included in the works to be completed. If the quantity of work to be done and material to be furnished exceeds or is less than the quantities included in

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the Schedule of Items and Prices for the Provisional items, the Contractor shall proceed with the Contract and shall be paid for the work done and material furnished at the bid rates set forth in the Schedule of Items and Prices.

The Contractor shall not be entitled to any compensation for losses, damages, anticipated profits, or otherwise, as a result of any differences which may occur between the quantities of work actually done, or material actually furnished under this Contract and the provisional items and quantities shown in the Schedule of Items and Prices.

28. TERMINATION OF CONTRACT

GC 4.10 of the General Conditions of Contract is amended by the addition of the following:

- (a) The Owner may terminate the employment of the Contractor if the Owner certifies that sufficient cause exists to justify such action. Such termination of employment may be made:
 - (i) If the Contractor should be adjudged as bankrupt, or
 - (ii) If he should make a general assignment for the benefits of his creditors, or
 - (iii) If a receiver should be appointed on account of his insolvency, or
 - (iv) If he should take the benefit of any Act relating to insolvent debtors, or
 - (v) If a winding-up order be made against the Contractor, or
 - (vi) If he should refuse or fail to supply enough plant, properly skilled labour or proper materials after having received seven (7) days' notice in writing from the owner to do so, or
 - (vii) If he should fail to make prompt payment to subcontractors or suppliers, or
 - (viii) If he should persistently disregard laws, ordinances or the instructions of the Owner, or
 - (ix) If he should otherwise be guilty of substantial violations of the provisions of the Contract.
- (b) Should the Owner terminate the employment of the Contractor, as provided in Subsection (a), it shall give the Contractor seven (7) days written notice of such termination of employment
- (c) Should the Owner terminate the employment of the Contractor, as provided in Subsection (a), it may take possession of the premises and of all materials and plant on the premises, and may finish the work by any method it may deem expedient, but without undue delay or expense. In such case, the Contractor shall not receive any further payment until the work is complete.
- (d) If the unpaid balance of the Contract price exceeds the expense of finishing the work (including compensation to the Owner for its additional services), such excess shall be paid to the Contractor. If such expense exceeds the unpaid balance, the Contractor shall pay the difference to the Owner. The additional expense incurred by the Owner due to the Contractor's default should be certified by the Owner.

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29. DESIGNATED SUBSTANCES

List of Designated Substances

In accordance with the Occupational Health and Safety Act, R.S.O. 1990, c. 0.1, the Contractor is advised of the presence of the following Designated Substances.

Substance (Ontario Regulation Number)	Location
Asbestos on Construction Projects and in Buildings and Repair Operations (O. Reg. 278/05)	N/A
Benzene (R.R.O. 1990, Reg. 839)	Vehicle Emission
Mercury (R.R.O. 1990, Reg. 844)	Vehicle Emission
Vinyl Chloride (R.R.O. 1990, Reg. 846) Coke Oven Emissions (R.R.O. 1990, Reg. 840) Ethylene Oxide (R.R.O. 1990, Reg. 841) Acrylonitrile (R.R.O. 1990, Reg. 835) Isocyanates (R.R.O. 1990, Reg. 842)	Vehicle Emission
Silica (R.R.O. 1990, Reg. 845)	Concrete, Blasting Medium, Throughout site
Arsenic (R.R.O. 1990, Reg. 836)	Vehicle Emission, Throughout site
Lead (R.R.O. 1990, Reg. 843)	N/A
Bats and Bird droppings	Throughout site

The Contractor is further advised that the Designated Substances silica (Ontario Regulation Number R.R.O. 1990, Reg. 845), lead (R.R.O. 1990, Reg. 843) and arsenic (R.R.O. 1990, Reg. 836) are generally present throughout the Working Area, occurring naturally or as a result of vehicle emissions. Exposure to these substances may occur as a result of activities by the Contractor such as sweeping, grinding, crushing, drilling, blasting, cutting, and abrasive blasting.

30. IDENTIFICATION OF LOCAL REGULATORY AUTHORITIES

The following is provided for information only, to facilitate contact with and notification to regulatory authorities as specified in the Contract Documents:

Regulatory Authority	Notification Requirement
MOE: Spills Action Centre (SAC) 1-800-268-6060	For notification of a spill to the environment under the Environmental Protection Act
Owner: The Corporation of the Town of Perth; 80 Gore Street East, Perth, Ontario, K7H 1H9	For notification of a spill to the environment under the Environmental Protection Act
MOECP: Ministry of the Environment, Conservation and Parks Ottawa MECP District 103-2430 Don Reid Drive, Ottawa, Ontario, K1H 1E1 Toll Free: 1-800-860-2195 Tel: (613) 521-3450; Fax: (613) 521-5437	For Waste Management Approval under the Environmental Protection Act. For notification of any endangered species located on site.

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MNR: Ministry of Natural Resources – Kemptville District Provincial Government Building Concession Road, P.O. Bag 2002 Kemptville, Ontario K0G 1J0	For notification of the release of a deleterious substance to a watercourse under the Fisheries Act
DFO: Department of Fisheries and Oceans, Ontario Great Lakes Area 401 King Street West, P.O. Box 1000 Prescott, Ontario K0E 1T0	For notification of the release of a deleterious substance to a watercourse under the Fisheries Act
Local Police: OPP Lanark County Detachment 75 Dufferin Street, Perth, Ontario K7H 3A5 (613) 267-2626	For notification of a Dangerous Occurrence involving dangerous goods under the Transportation of Dangerous Goods Act
Local Conservation Authority Rideau Valley Conservation Authority PO Box 599, 3889 Rideau Valley Drive, Manotick, Ontario, K4M 1A5	For notification of the release of a deleterious substance to a watercourse under the Fisheries Act. For notification of a spill to the environment under the Environmental Protection Act, for approve of erosion and sediment control plan, for all work in vicinity of waterway.

31. CONTROL OF EMISSIONS DURING WORK

1.0 SCOPE

This special provision describes the requirements for the control of emissions including but not limited to; dust, abrasive blast medium and other debris generated from work on structures involving abrasive blast cleaning of concrete and reinforcing steel, and the cutting and grinding, including scarification, of concrete.

2.0 SUBMISSION AND DESIGN REQUIREMENTS

The Contractor shall give the Contract Administrator written notice 3 working days prior to the start of abrasive blast cleaning of concrete and reinforcing steel, and of the cutting and grinding, including scarification, of concrete. The Contractor shall submit with the written notice a proposal describing the procedures/plans to control the emissions of dust, abrasive blast medium and other debris from these operations.

3.0 CONSTRUCTION

The Contractor shall take whatever measures necessary to ensure that dust, abrasive blast medium, and other debris from work on structures involving abrasive blast cleaning of concrete and reinforcing steel, and the cutting and grinding, including scarification, of concrete, do not:

- (a) enter any surface waters; or
- (b) escape beyond the right-of-way.

The measures may include:

- (a) termination of operations during periods of high wind;
- (b) the use of low dust generating technologies such as vacuum abrasive blasting;
- (c) vacuuming of surfaces to remove dust and debris; and

- (d) the use of temporary barrier walls or enclosures.

Excess materials shall be managed as specified in the Contract Documents.

4.0 BASIS OF PAYMENT

Payment for the control of emissions during work on structures involving abrasive blast cleaning of concrete and reinforcing steel, and the cutting and grinding, including scarification, of concrete, shall be deemed to be included in the tender items requiring such control. Contractor shall bear all immediate, subsequent and consequential costs associated with change in the schedule, staging, and methodology of the work.

32. STRUCTURAL REFERENCE PLANS

Information Available and Location

The following plans may be viewed for information purposes:

- Selected Rehabilitation Drawings (circa 1967).
- Most recent OSIM inspection reports (from 2023 & 2025).

Electronic copies of these documents can be made available upon request.

All dimensions shown on the plans shall be considered approximate and shall be verified by Contractor prior to bidding.

33. SPILLS REPORTING

Spills or discharges of pollutants or contaminants under the control of the Contractor, and spills or discharges of pollutants or contaminants that are a result of the Contractor's operations that cause or are likely to cause adverse effects shall forthwith be reported to the Contract Administrator. Such spills or discharges and their adverse effects shall be as defined in the Environmental Protection Act R.S.O. 1980.

All spills or discharges of liquid, other than accumulated rain water, from luminaries, internally illuminated signs, lamps and liquid type transformers under the control of the Contractor, and all spills or discharges from this equipment that are a result of the Contractor's operations shall, unless otherwise indicated in the Contract, be assumed to contain PCB's and shall forthwith be reported to the Contract Administrator.

This reporting will not relieve the Contractor of his legislated responsibilities regarding such spills or discharges.

34. FENCING OF THE CONSTRUCTION AREA

To restrict access by the public, the right-of-way adjacent to working areas shall be fenced before work commences. Where the Contract Documents do not require chain link fence or where it is impractical to erect chain link fence before work commences, the Contractor shall erect, maintain, remove and dispose of the temporary snow fence required to restrict access. The requirement for fencing the work area is in addition to all other requirements as may be specified elsewhere in the Contract Documents.

35. PROTECTION OF ENDANGERED SPECIES

Protection of Endangered Species

Governed by Ontario's Endangered Species Act (ESA 2007) for all species listed on Species at Risk in Ontario (SARO List). The act prohibits killing, harming, harassing, capturing, possessing, etc. any species that is extirpated, endangered or threatened.

1. Education / Training

Contractor shall retain the expert and assure that all personnel are educated about species on SARO List. The Contractor shall provide a basic educational and training program and list of procedures relating to protection and capture of SAR.

2. Encounters with SAR

The Contractor shall not harm and adversely affect any wildlife encountered in the Contract. The Contractor is responsible for ensuring all SAR sighted or encountered within the project limits are protected and relocated as necessary.

The Contractor shall ensure that all SAR sighted/encountered within the contract limits, and which are under immediate threat of harm from construction activities are captured live for relocation elsewhere.

The Contractor shall conduct a survey/search prior to any construction activity that may impact SAR during the term of the Contract. The survey/search shall be conducted by a qualified individual trained in the recognition and handling of SAR.

The Contract Administrator shall be contacted immediately in the event that any SAR species are encountered within the contract limits. All SAR sightings, dead or alive, shall be reported to the Contract Administrator.

The Contractor is legally obligated to comply with the requirements of the Species at Risk Act. All costs associated with the Contractor's failure to take the necessary precautions and abide by the Act including construction delays, fines, etc. shall be borne solely by the Contractor.

General information regarding species at risk and the ESA 2007 is available at:

<https://www.ontario.ca/page/species-risk>

Special Provision #1 SITEWORK

Scope of Work

The following work, activities and costs shall be included under this Item:

- Bonds, administration and supervisory costs.
- Mobilization and demobilization of equipment material and Contractor's forces.
- Schedules and cash flow forecast.
- Site preparation for work.
- Costs of all necessary approvals and permits as applicable.
- Cost of building construction depot (laydown area) in a location acceptable to the Owner.
- All costs associated with locates, protection or temporary relocation and reinstallation of utilities, if applicable and not specified in other areas of the contract.
- All costs associated with temporary support or protection of existing utilities as may be required to complete the specified work.
- Installation of temporary barricades, hoarding, fencing and other protection required.
- Cost of supplying and maintenance of adequate sanitary facilities.
- Scaffolding and other required access to perform the work, if not specified in other areas of the contract.
- Costs associated with submission of shop drawings, rebar schedules, product submissions etc., including engineering and QVE.
- Cost of advertising of Substantial Completion in Daily Commercial News.
- Costs associated with access to private properties as required and obtaining written release from the affected property Owners. Copy to be submitted to the Engineer.
- Maintaining and reinstatement of existing road signs, mailboxes, etc.
- All costs of any incidental work not specifically mentioned in the Contract Documents but required by virtue of the work.
- All costs associated with required environmental protection measures not specified elsewhere in the Contract.
- Contractor's office.
- Fencing of the Work area.
- Cost of reinstating to their original conditions the Contractor's laydown areas and office sites.
- All costs associated with preparation of as-built drawings (red line hard copy mark-ups).
- All costs associated with field surveying as specified in the Contract Documents and as required in order to properly layout and complete the work.

The Contractor shall submit a detailed Work Schedule and, if requested, a Projected Monthly Cash Flow Forecast to the Engineer at the Pre-Construction Meeting.

The Projected Monthly Cash Flow Forecast shall indicate the projected cost of the work to be completed in each calendar month of the Contract term and shall be based on the Contract prices and be consistent with the Detailed Work Schedule.

The Contractor is advised that no additional payment will be made for any repeated mobilization and demobilization for any of the construction activities covered by this Contract; interrupted by weather or by any other construction activity included in any part of this Contract.

Basis for Payment

Payment at the Contract lump sum price for the Item "Sitework" shall be full compensation for all labour, materials and equipment required to complete the work. Contractor shall bear all immediate, subsequent and consequential costs associated with change in the schedule, staging, and methodology of the work.

Measurement for Payment

Payment for this lump sum Item will be prorated over the scheduled duration of the Contract per the approved schedule.

Special Provision #2 TRAFFIC CONTROL

OPSS 706 shall govern except as amended and extended herein:

Scope of Work

The Scope of work for the Items 'Traffic Control' includes, but is not necessarily limited to, the following:

1. Vehicular and pedestrian traffic control and construction signing on all roads affected by construction activities.
2. All other provisions related to traffic control and traffic management required to carry out the construction and facilitate the Contractor's operations except where paid separately.
3. Throughout construction, two full lanes of traffic, one pedestrian sidewalk and one parking lane shall be open and available to the public. A maximum of one parking lane and one sidewalk may be closed at a time. Full access to commercial establishments located on Gore Street and the stairways located at the northeast, northwest and southeast shall be maintained at all times. Under these items, the Contractor will supply, install, maintain, and remove upon completion, all traffic control signs, delineators, barricades, traffic signals, etc., as required by the Ontario Traffic Manual, Book 7 to achieve this condition.
4. All signs and levels of reflectivity shall conform to the Ontario Traffic Manual, Book 7 (Temporary Conditions). Signs shall be installed in strict conformance with Book 7.
5. These items shall also include the supply and installation of physical barriers as required at the limits of Contract on the roadway to prevent vehicles and pedestrians from entering the construction zone. The physical barrier shall be adequately illuminated to be clearly visible and distinguishable during night conditions. In addition, construction fencing shall be installed around the construction area at all times.
6. The Contractor shall be responsible for ensuring that all construction signage is maintained in their specified location throughout the duration of construction. The Contractor shall make two daily inspections and maintain a daily log of time of inspection to be submitted to Contract

Administrator prior to final payment (refer to Daily Diary of Signs below for additional information).

Traffic Control Signing

Contractor will supply, install, relocate, maintain, and remove upon completion, all traffic control signs, delineators, barricades, appurtenances, etc. as specified in the Contract documents and as required by the Ontario Traffic Manual, Book 7 (Temporary Conditions) in order to complete the construction.

A Traffic Control Plan showing the schedule and layout sketch of all traffic control signing shall be prepared by the Contractor and submitted to the Contract Administrator for review a minimum of 14 days prior to commencing any work.

Daily Diary of Signs

The Contractor shall maintain a daily, hardbound diary of the signs in use for temporary and long-term traffic control. The diary shall be submitted with the final payment documents. For the duration of the contract and within 24 hours of a request by the Contract Administrator, the Contractor shall provide the Contract Administrator full access to the daily diary of the signs. The following information shall be included in the diary:

1. a schematic of the location of each existing sign by station, offset and height above pavement.
2. a schematic of the placement and re-location of all construction signs during each stage of construction by station, offset and height above pavement.
3. traffic accidents including time of inspection, location of incident and photographs.
4. time of daily sign inspections.
5. for mobile/moving operations the signing shall be in accordance with the Ontario Traffic Manual (OTM), Book 7 - Temporary Conditions.

Amendments to OPSS 706

OPSS 706 is amended as follows.

706.02 REFERENCES

Section 706.02 References, is amended by the addition of the following:

ASTM International (formerly American Society for Testing and Materials):

ASTM D4956-01a - Standard Specification for Retroreflective Sheeting for Traffic Control

706.05 Materials

Subsections 706.05.01, Reflective Surfaces, and 706.05.02, Signs, are amended by deletion of "M.U.T.C.D." And replacement with "Ontario Traffic Manual":

706.07 CONSTRUCTION

706.07.01 Traffic Control Signing

Section 706.07.01, Traffic Control Signing, is amended by the deletion of “M.U.T.C.D.” and replacement with the following: “Ontario Traffic Manual.”

Construction Signs Definition, Reflectivity Standard Requirement and Sign Light Intensity Change at Twilight

Definitions

Section 706.03. Definitions, is amended by the deletion of the definition “Construction Signs” and its replacement with the following:

Construction Signs: means all traffic control signs and associated devices identified in Book 7, including vehicles and sign trailers, required to support signs and equipment to supply sign lighting, excluding the Project Information Sign and highway number markers.

Reflective Surfaces

Subsection 706.05.01, Reflective Surfaces, is deleted and replaced by the following:

Reflective materials and surfaces shall conform to Book 7, except for the second paragraph of Part A, Division 5, subsection A5.03.01, which is deleted and replaced with the following:

As of January 1, 1992 the following devices shall have a minimum reflectivity standard of “Reflectivity Level 1” (hi-intensity) Canadian Government Specification Standard 62-GP-11, as amended: TC 3, TC 4, TC 7, TC 18, TC 43, TC 46, TC 52, TC 53, TC 54.

Traffic Control Signing

Subsection 760.07.01, Traffic Control Signing, is amended by the addition of the following:

The first paragraph of subsection 706.07.01 of OPSS 543 is amended by the deletion of the last sentence and replacement with the following:

A Project Sign shall be supplied, installed, maintained, and removed by the Contractor. The Project Sign shall be maintained until the Certificate of Final Completion has been issued.

Subsection 706.07.01 is further amended by the addition of the following:

Lights on Lane Closure Arrow Signs (TC-12) shall change in intensity during the twilight period by 50%.

Section 706.07.01, Traffic Control Signing, is amended by the deletion of “M.U.T.C.D.” and replacement with the following: “Ontario Traffic Manual.”

Section 706.07.01, is amended by the addition of the following:

Basis of Payment

Payment at the Contract lump sum price shall be full compensation for all labour, equipment, and material required to do the work. In the case of discrepancies between Book 7 and the Contract Documents, the Contractor shall assume that the more expensive alternative will be employed. The Contractor shall bear all immediate, subsequent and consequential costs associated with change in the schedule, staging, and methodology of the work.

Measurement for Payment

For progress payments, forty (40) percent of the Contract price will be paid upon initial implementation of the traffic control plan. Fifty (50) percent will be prorated over the scheduled Contract duration and the remaining (10) percent will be paid upon removal. No measurement and payment will be made whatsoever for any traffic control provisions as may be required due to failure of Contractor to attain specified Contract completion date as all such costs will be borne by the Contractor.

Special Provision #3 ENVIRONMENTAL PROTECTION, EROSION AND SEDIMENT CONTROL

OPSS.MUNI 182 and OPSS.MUNI 805 govern except as extended herein:

Scope of Work

The Contractor will design, erect, maintain, monitor and remove upon completion the protection schemes necessary for performing the entire work without letting any concrete, debris or any construction materials enter the waterway, to the Authority's approval and satisfaction. The Contractor shall also implement, maintain and remove all erosion and sediment control measures and removal of sediment accumulated by control measures.

Navigability and Environmental Protection - General

The Contractor shall design and carry out work in such a way to provide unimpeded navigability in full compliance with requirements of Transport Canada. The Contractor is fully and solely responsible for compliance with Transport Canada as related to navigability and the Rideau Valley Conservation Authority as related to protection of fish habitat and protection of the environment. Contractor is fully and solely responsible for compliance with all Federal, Provincial and Municipal Acts and regulations as related to environmental protection.

In-Water Work Timing Restrictions

No in-water work is permitted under this contract between March 15 and July 15 of any given year. For the purpose of this Contract, scaffold legs on the creek bed (including installation and removal of the scaffolding) is considered in-water work. In addition, workers frequenting the work area by walking on the creek bed is also considered in-water work.

Navigability Requirements

The navigability requirements for this Contract include, but are not necessarily limited to the following:

1. Any formwork, shoring, protection platforms, etc. that extend below the level of the proposed soffit of the bridge or that project outward from the face of the abutments and retaining walls

shall be marked with yellow or orange reflective warning sign boards and/or yellow flashing lights at all times.

2. No temporary cables or ropes are to be strung between the abutments unless approved prior to installation by Transport Canada (Navigable Waters Protection program).
3. Work shall only proceed in one bay at a time so as to allow one bay with full and unimpeded access for watercraft at all times.

Rideau Valley Conservation Authority

The Owner has made initial contact with the Rideau Valley Conservation Authority (RVCA) regarding this project. In order to issue the work permit, the RVCA requires the Contractor's Environmental Protection Plan / Erosion and Sediment control plan. As part of the work under this item, and in addition to all other Environmental and other requirements, the Contractor is fully and solely responsible for abiding by all permit requirements including, but not necessarily limited to, the submission of an Environmental Protection / Erosion & Sediment Control Plan to the RVCA for review and approval. The Contractor shall ensure that he allots sufficient time Environmental Protection / Erosion & Sediment Control Plan review and approval (including any necessary re-submissions as required), etc. The Contractor's Environmental Protection / Erosion & Sediment Control Plan to be submitted to the RVCA shall be designed, signed and sealed by a qualified Professional Engineer licensed in the Province of Ontario. The installed works shall also be inspected by the Design Engineer and a Certificate of Conformance shall be prepared and submitted to the RVCA. Copies of the approved Plan and Certificate of Conformance shall be filed with the Contract Administrator and the Contractor shall retain copies of the Plan and Certificate of Conformance on site.

Contact information for the RVCA is as follows:

Rideau Valley Conservation Authority
PO Box 599, 3889 Rideau Valley Drive
Manotick, Ontario K4M 1A5
Phone: 613-692-3571
Fax: 613-692-0831
Email: info@rvca.ca
Website: <http://www.rvca.ca>

EROSION AND SEDIMENT CONTROL PLAN

General

The Contractor acknowledges that surface erosion and sediment runoff resulting from his construction operations will have a detrimental impact to any downstream watercourse or sewer, and that all construction operations that may impact upon water quality shall be carried out in a manner that strictly meets the requirements of all applicable legislation and regulations.

As such, the Contractor shall be responsible for carrying out his operations, and supplying and installing any appropriate control measures, so as to prevent sediment laden runoff from entering any sewer or watercourse within or downstream of the Working Area.

SPECIAL PROVISIONS - ITEMS

The Contractor acknowledges that no one measure is likely to be 100% effective for erosion protection and controlling sediment runoff. Therefore, where necessary the Contractor shall implement sequential measures arranged so as to achieve the required level of sediment and runoff control. Suggested on-site measures may include, but shall not be limited to, the following methods: sediment ponds, silt fences, straw bales, filter cloths, catch basin filters, dams and/or berms, or other recognized technologies and methods available at the time of construction. Specific measures shall be installed in accordance with the requirements of OPSS 805 where appropriate, or in accordance with manufacturer's recommendations.

Where, in the opinion of the Contract Administrator or Regulatory Agency, the installed control measures fail to perform adequately, the Contractor shall supply and install additional or alternative measures as directed by the Contract Administrator or Regulatory Agency. As such, the Contractor shall have additional control materials on site at all times which are easily accessible and may be implemented by him at a moment's notice.

Before commencing the Work, the Contractor shall submit to the Contract Administrator a detailed Erosion and Sediment Control (ESC) Plan. The ESC Plan will consist of a written description and detailed drawings indicating the on-site activities and measures to be used to control erosion and sediment movement for each step of the Work. The written description shall be signed by, and the drawings shall bear the stamp and signature of a qualified Professional Engineer licensed in Ontario.

Contractor's Responsibilities

The Contractor shall ensure that all workers, including sub-contractors, in the Working Area are aware of the importance of the erosion and sediment control measures and informed of the consequences of the failure to comply with the requirements of all Regulatory Agencies and the specifications detailed herein.

The Contractor shall periodically, and when requested by the Contract Administrator, clean out accumulated sediment deposits as required at the sediment control devices, including those deposits that may originate from outside the construction area. Accumulated sediment shall be removed in such a manner that prevents the deposition of this material into any sewer or watercourse and avoids damage to the control measure. The sediment shall be removed from the site at the Contractor's expense and managed in compliance with the requirements for excess earth material, as specified elsewhere in the Contract.

The Contractor shall immediately report to the Contract Administrator any accidental discharges of sediment material into either the watercourse or the storm sewer system. Failure to report will be constitute a breach of this specification and the Contractor may also be subject to the penalties imposed by any applicable Regulatory Agency. Appropriate response measures, including any repairs to existing control measures or the implementation of additional control measures, shall be carried out by the Contractor without delay.

The sediment control measures shall only be removed when, in the opinion of the Contract Administrator, the measure or measures, is no longer required. No control measure may be

SPECIAL PROVISIONS - ITEMS

permanently removed without prior authorization from the Contract Administrator. All sediment and erosion control measures shall be removed in a manner that avoids the entry of any equipment, other than hand-held equipment, into any watercourse, and prevents the release of any sediment or debris into any sewer or watercourse within or downstream of the Working Area. All accumulated sediment shall be removed from the Working Area at the Contractor's expense and managed in compliance with the requirements for excess earth material, as specified elsewhere in the Contract.

Where, in the opinion of either the Contract Administrator or a Regulatory Agency, any of the terms specified herein have not been complied with or performed in a suitable manner, or at all, the Contract Administrator or Regulatory Agency has the right to immediately withdraw its permission to continue the work but may renew its permission upon being satisfied that the defaults or deficiencies in the performance of this specification by the Contractor have been remedied. No compensation will be owed or paid to the Contractor for the withdrawal of permission to do the work resulting from noncompliance with the requirements of this specification or the Regulatory Agencies.

In addition to any other remedy and/or penalty provided by law, where there has been default or noncompliance with any of the terms specified herein and the Contractor refuses to perform or rectify same within forty-eight (48) hours of the receipt of the written demand of the Contract Administrator to do so, the Owner is hereby entitled to enter upon the Working Area and either complete the work in conformity with the Contract or have the work done that it considers necessary to complete the Work to its intended condition, whichever, in the Owner's sole opinion, is the most reasonable course of action. The Contractor and the Owner further agree that the costs incurred for any such work shall be retained by the Owner from monies otherwise due to the Contractor, should any such monies be available.

Erosion and Sediment Control details

The sediment control measures include, but are not necessarily limited to the following:

- a) Silt curtains/fence barriers
- b) Straw bale flow checkers
- c) Turbidity curtain installed downstream of construction
- d) Detention ponds/basins
- e) Debris and effluent catchment system during removal of structure

The Contractor shall design and construct the protection scheme as necessary to ensure that sediment runoff does not enter the watercourse or is not transported downstream from the site. In developing their plan, the following measures should be considered and implemented as necessary:

- Before passing water pumped from excavations into the stream, all excessive sediment should be removed by means of silt traps or sediment barriers across the stream.
- Use erosion-resistant material, such as gravel fill with rip-rap or geotextile lining, in order to prevent the entry of sediment into the watercourse.

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- Construction affecting water must not take place during spawning/incubation periods or major fish migration periods, as determined by the Ministry of Natural Resources. Prevent any silt from excavation and backfill from entering the waterway.
- The material used for earth cofferdams when used and approved should be clean granular without a significant content of silt or clay.
- Cofferdam when used and approved should be removed as carefully as possible to minimize sedimentation.
- Equipment and materials should be stored well back from the water's edge.
- Do not clean concrete buckets, wheelbarrows, or shovels in water body. Instead wash them with hoses so that run-off is filtered through vegetation. Prevent the entry of lime, cement or fresh concrete into waterways.
- The Contractor shall ensure that no contamination, waste, debris, construction materials or other substances which may be detrimental to marine life or quality of water shall enter the watercourse as either a direct or indirect result of construction and the Contractor shall meet all requirements of Government authorities and applicable agencies with respect to environmental protection.
- The Contractor shall immediately clean up any spills or contamination, waste, debris, construction materials or other substances which may be either detrimental to marine life or water quality. In the event of a spill, the Contractor shall immediately commence a clean-up operation. The Contractor shall be liable for all damages and/or charges laid which result, either directly or indirectly, from the spill, or contamination of any kind, which result from its construction operations.
- Filters (screens) shall be provided at the water intake of all pumps to prevent the entry of, or damage to, fish and the discharge of the water shall be directed in a manner that will prevent erosion of the watercourse bed and watercourse banks.
- The Contractor shall release any stranded fish to the open portion of the watercourse without harm.

Anticipated Water Flows and Local Conditions

The Contractor must satisfy himself with the local conditions and anticipated water flows, levels and flow velocity to be met with during construction. He shall make his own estimate of the facilities required and difficulties to be encountered, including the nature of subsurface materials and conditions.

Peak Flows

The Contractor shall make his own estimate of the anticipated water flows during construction and construct the work so that flow is not restricted.

Submissions to Engineer

In addition to requirements as detailed elsewhere, the Contractor shall submit to the Engineer a copy of all protection schemes a minimum of 14 calendar days prior to proceeding with the work. The submission shall be comprehensive and shall provide descriptions, working drawings and schedules that detail the sequence of this work and the temporary protection systems.

The Contractor will be required to obtain further permit(s) from the Authorities for the proposed protection scheme. Copy of permit(s) to be submitted to the Engineer.

Permission to proceed with the work will be provided if the Engineer determines that all the details of the Contractor's operations meet the requirements specified in the Contract Documents and by the Authority

SPECIAL PROVISIONS - ITEMS

and applicable Further Permits obtained by Contractor are filed with Engineer.

The notification of the project was provided by the Owner to Transport Canada and Rideau Valley Conservation Authority. Permits will be required, and Contractor will be responsible for obtaining such. The copy of correspondence with agencies will be provided to Contractor upon Contract Award.

Ineffectiveness of Installed System

Whenever protection measures are found to be inadequate by the Engineer, changes shall immediately be made, which will ensure watercourse, embankment, stream bed and fisheries protection, at no extra cost to the Owner.

Species at Risk

The Contractor is fully and solely responsible for carrying out his work to comply with the requirements of the Species at Risk Act. All costs associated with the Contractor's failure to take the necessary precautions and abide by the Act including construction delays, fines, etc. shall be borne solely by the Contractor.

More information regarding the Species at Risk Act can be found at the following website:

- http://www.sararegistry.gc.ca/gen_info/default_e.cfm

Basis of Payment

Payment at the Contract lump sum price for the Item "Environmental Protection / Erosion and Sediment Control" shall be full compensation for all labour, materials and equipment required to complete the work.

Measurement for Payment

Payment for this lump sum Item will be as follows:

- 30% upon installation of environmental protection
- 55% to be prorated over the scheduled duration of the Contract per the approved schedule.
- 15% upon removal of all environmental protection.

Special Provision #4 ACCESS TO WORK AREA

OPSS 928 shall govern, except as amended and extended herein.

Scope of work

Under this item, the Contractor will provide all access to the work (including work platforms, suspended work platforms, scaffolding, zoom booms, barges, etc.) for all of the work covered under the Contract Documents. Under this item, the Contractor will also provide full hands-on access to all areas of the structure as required by the Contract Administrator in order for the Contract Administrator to sound areas, delineate repair areas (including structural steel) and to inspect the Contractor's work.

Submissions Required

All access platforms, work platforms, suspended work platforms, scaffolding, etc. required shall be designed, installed, maintained, and removed by the Contractor in accordance with all applicable legislation, including the design of components by a Professional Engineer licenced in the Province of Ontario, where required. Where components are required to be designed by a Professional Engineer, the Contractor shall submit detailed shop drawings of these components to the Contract Administrator for review a minimum of 7 calendar days prior to installation. The shop drawings shall be sufficiently detailed and inclusive and shall be signed and sealed by a Professional Engineer licenced in the Province of Ontario (carrying a minimum of \$1,000,000.00 in Professional Liability Insurance). Upon initial installation of the component, a certificate of compliance (stamped by a Professional Engineer licenced in Ontario) stating that the erected component has been installed in accordance with the signed and sealed design drawings shall be provided to the Contractor Administrator.

Basis of Payment

Payment at the Contract lump sum price shall be full compensation for all labour, equipment and material required to do the work. Contractor shall bear all immediate, subsequent and consequential costs associated with change in the schedule, staging, and methodology of the work.

Measurement for Payment

There will be no measurement for payment for the item 'Access to Work Area' as the item will be paid by lump sum and the Contract price, prorated over the duration of the Contract.

Special Provision #5 STONE MASONRY SHALLOW REPOINTING (< 38MM)

General Scope

This specification covers the removal of deteriorated material and the repointing of existing stone masonry joints where the depth of removal and reinstatement is less than 38mm for all joint widths. All masonry restoration must be performed to preserve the structure's appearance. Any existing stone cracks shall be filled with mortar.

Materials

Mortar: The contractor shall use King 219 mortar or an approved equivalent intended for heritage restoration work. Mortars shall conform to CSA A179-14 (R2019). All mortar shall be air-entrained 15-18%.

SPECIAL PROVISIONS - ITEMS

Execution

- Preparation: Unsound existing mortar, sand, organics, and other debris are to be removed to reach sound material.
- Application: Apply the pointing mortar in a single, well-compacted lift. If loose material or sandy mortar is encountered deeper than 38mm during preparation, the joint shall instead be treated under the "Stone Masonry Deep Repointing" provision.
- Finishing: The final mortar finish must be compacted and slightly concaved.

Basis of Payment

Payment at the contract price for the tender item "Stone Masonry Shallow Repointing" shall be full compensation for all labour, equipment and materials required to complete the work under this item to the satisfaction of the Contract Administrator.

Measurement for Payment

Measurement for payment for Stone Masonry Shallow Repointing will be by area in square metres (m²) of the repointed masonry face.

Special Provision #6 STONE MASONRY DEEP REPOINTING (> 38MM)

General Scope

This specification covers the removal of deteriorated material and the repointing of existing stone masonry joints where the depth of removal and reinstatement is greater than 38mm for all joint widths. All masonry restoration must be performed to preserve the structure's appearance. Any existing stone cracks shall be filled with mortar.

Materials

Mortar: The contractor shall use King 219 mortar or an approved equivalent intended for heritage restoration work. Mortars shall conform to CSA A179-14 (R2019). All mortar shall be air-entrained 15-18%.

Execution

- Preparation: Unsound existing mortar, sand, organics, and other debris are to be removed to reach sound material.
- Application (Multi-Lift): Deep joints must be built up in multiple lifts.
- Initial Lift(s): Apply an initial mortar lift into the prepared joint. Roughen the surface of the initial lift to mechanically strengthen the bond for the subsequent lift.
- Final Lift: Apply a final pointing lift with a maximum thickness of 25mm to 35mm.
- Finishing: The final mortar finish must be compacted and slightly concaved.

Basis of Payment

Payment at the contract price for the tender item "Stone Masonry Deep Repointing" shall be full compensation for all labour, equipment and materials required to complete the work under this item to the satisfaction of the Contract Administrator.

Measurement for Payment

Measurement for payment for Stone Masonry Deep Repointing will be by area in square metres (m²) of the

repointed masonry face.

Special Provision #7 STONE MASONRY RESETTING

General Scope

This specification covers the complete removal, cleaning, and reinstatement of loose or designated stones within the existing masonry matrix. All masonry restoration must be performed to preserve the structure's appearance.

Materials

Mortar: The contractor shall use King 219 mortar or an approved equivalent intended for heritage restoration work. Mortars shall conform to CSA A179-14 (R2019). All mortar shall be air-entrained 15-18%.

Execution

- Preparation: Carefully remove the loose or designated stone entirely from the masonry matrix.
- Cleaning: Thoroughly clean all unsound existing mortar, sand, organics, and other debris from both the removed stone and the existing wall cavity to ensure a sound bonding surface.
- Reinstatement: Set the cleaned stone back into its original position on a full, solid bed of mortar.
- Finishing: Point the perimeter joints of the reset stone to match the surrounding masonry. The final finish must be compacted and slightly concaved.

Measurement for Payment

Measurement for payment for Stone Masonry Resetting will be by area in square metres (m²) of the face of the reset stones.

Basis of Payment

Payment at the contract price for the tender item "Stone Masonry Resetting" shall be full compensation for all labour, equipment and materials required to complete the work under this item to the satisfaction of the Contract Administrator.