

TENDER FOR THE REHABILITATION OF IRON MINE ROAD CONTRACT #2020-PW-003

TENDERS RECEIVED BY:

The Corporation of Tay Valley Township 217 Harper Road Perth, Ontario K7H 3C6

Attention: Amanda Mabo, Clerk

Telephone: 613-267-5353 ext. 130

Toll Free: 1-800-810-0161 Fax: 613-264-8516

E-mail: <u>clerk@tayvalleytwp.ca</u>
Website: <u>www.tayvalleytwp.ca</u>

1. Tender Form

Sealed Tenders, clearly marked as to the contents, on the forms supplied by the Corporations of Tay Valley Township and the Township of Lanark Highlands ("the Townships"), will be received, by the undersigned or his/her designated representative, at the Municipal Office, 217 Harper Road, Perth, Ontario, until 1:00 p.m., local time, as determined by the clock located on the computer in the reception area of the Municipal Office, on **Thursday March 26**th, **2020**.

Tenders received after closing time will not be considered.

The Corporation of Tay Valley Township 217 Harper Road, Perth, Ontario K7H 3C6

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One copy of the **completed Form of Tender**, Part "D", on the forms provided, shall be submitted. All information shall be shown in the tender in the spaces provided, including the signature of the Bidder with his/her address and telephone number.

Tender Forms must be properly signed and witnessed, or signed, witnessed and sealed if the bidder is a Corporation. Tenders must be submitted, using the Tender Label – Form 5 (to be affixed on your Tender Envelope).

The Tender must be legible, written in ink or typewritten, where stipulated, with the unit price for every item and other entries clearly shown. Tenders which are incomplete, conditional or obscure or which contain erasures or alterations not properly initialed, or irregularities of any kind, may be rejected. Submissions must not be restricted by a statement added to The Corporation of Tay Valley Township and The Township of Lanark Highlands Form or by a covering letter, or by alterations to the form supplied, unless otherwise provided in Part "A" - Information to Bidders.

Tenders received by fax or email will be disqualified.

2. Clarification of Documents

Any clarification of the Townships documents required by the Bidder, prior to submission, shall be directed to the Clerk. Any such clarifications so given shall not, in any way, alter the Townships documents and the Bidder and the Townships agree that in no case shall oral arrangements be considered.

No officer, agent or employee of the Townships are authorized to alter, orally, any portion of these documents. During the period prior to submissions, alterations will be issued by the Clerk to Bidders as a written Addendum. In the submission, the Bidder shall list all Addenda that were issued and considered in the submission.

All questions shall be directed, in writing (by email) to the Clerk of Tay Valley Township.

All questions/discrepancies identified must be sent to the Townships at least three (3) business days prior to the submission due date at 4.00 p.m.

Copies of all questions and answers and any addenda will be posted on the website no later than two (2) business days prior to the submission due date at 4.00 p.m.

3. Contract Documents and Order of Precedence

The contract documents shall consist of all the pages of the Tender documents, issued by the Townships, and the Company's submission. Do not remove any pages from the Townships Form.

These documents, and portions thereof, take precedence in the order in which they are named, notwithstanding the chronological order in which they are issued or executed.

The intent of the Contract is that the Company shall supply equipment and materials or services complete and suitable for the Townships intended use.

None of the conditions contained in the Bidders standard or general conditions of sale shall be of any effect unless explicitly agreed to by the Townships and set forth or specifically referred to therein.

4. Addenda

Bidders may be advised by addenda, of required additions, deletions or alterations in the requirements of the Tender documents. All such changes shall become an integral part of the Tender documents and shall be allowed for in arriving at the total submission price.

5. Tender Deposit

Each Tender shall be accompanied by a certified cheque or Bid Bond in the amount of ten percent (10%) of the bid price payable to the Township, "Tay Valley Township". This shall be returned within ten (10) days of Tender Opening to all bidders except for the successful and second placed bidder. In the case of the second placed bidder this shall be returned upon start of contract by successful bidder. In the case of the successful Tender, this shall be returned after successful completion of the Contract. If a deposit percentage results in a fraction, it must be rounded up to the nearest dollar. If applicable, in subsequent years, sixty (60) days prior to the start of the work, the Townships shall require a certified cheque, in the amount of 10%, for each subsequent year of the Contract. Please complete the attached **Tender Deposit** – **Method of Return – Form 4**.

6. Harmonized Sales Tax

Harmonized Sales Tax (H.S.T.), or any other applicable taxes, will be paid **in addition** to the tendered price.

7. Health and Safety

The Bidder assumes full responsibility for conforming with all legislation regarding the safety of his/her employees and the public on this Contract and all notices required to comply with the legislation.

Accordingly, the Bidder shall:

- (a) Demonstrate establishment and maintenance of a health and safety program with objectives and standards consistent with applicable legislation.
- (b) Provide a copy of your Company's Health and Safety Policy Statement, dated not later than **2020**, to be submitted with the Tender.
- (c) Provide a copy of the applicable WSIB Certificate of Clearance or equivalent (if the Bidder is from outside Ontario), to be submitted with the Tender.

Upon request, at any time, from the awarding to the completion of the Contract, submit proof of fulfillment of the above noted.

8. Accessibility

The Bidder shall provide a declaration with the Tender that they are compliant with the Accessibility for Ontarians with Disabilities Act and its Regulations. An example of a declaration is attached in **Part** "D".

9. Bidder's Checklist

To assist Bidders with completing a response to this Tender, a Tender Checklist is included in **Part "D"**. The Checklist must be included in the Bidder's submission.

10. Withdrawal

A Submission may be withdrawn at any time prior to the closing date and time at the Bidder's discretion. Withdrawal notification must be in written form, signed and must be submitted to the Clerk. No fax, telephone calls or emails will be accepted. After the official closing date and time, all Submissions received shall be irrevocable.

11. Public Opening

All submissions will be opened at the Municipal Office, 217 Harper Road, Perth, Ontario, on the same day and time as the closing date.

12. Tender Results

The names of the Bidders and total bid prices will only be made available at the Tender Opening. After the Tender Opening, requests may be submitted to the Townships for the results and only the names of the Bidders and total bid prices, as read out at the Tender Opening, will be given in the reply. Bid results will be posted on the Townships Website at www.tayvalleytwp.ca within 48 hours of the Tender Opening.

13. Bid Acceptance

It shall be the policy of the Townships that in any procurement of goods, services, facilities or construction invitations to submit a tender to the Townships, the Townships reserves the right to reject an offer to supply goods and/or services or Tenders presented in response to the Townships procurement processes where the Townships determines, in its sole and unfettered discretion, that the entity making the offer has performed poorly on any Township contract during the previous five-year period. Townships Council may remove a Company's name from consideration for a contract under this Policy, for a period of up to five (5) years, on the basis of documented poor performance or non-performance on a Townships Contract.

Unless otherwise specified in these Tender documents, this Tender constitutes an irrevocable offer to provide the goods and/or services described herein for a period of ninety (90) calendar days from the closing date of the receipt of Tenders.

This Contract is subject to the appropriate Budget approval by both Townships.

The Bidder may be required to show, in terms of experience and facilities, evidence of its ability, as well as that of any proposed subcontractor, to perform the work by the specified delivery date.

The Townships reserves the right to award by item, or part thereof, groups of items, or parts thereof or all items of the Submission, and to award Contracts to one or more Bidders submitting identical prices, to accept or reject any Submission in whole or in part; to waive irregularities or omissions. If in so doing, the best interests of the Townships will be served. No liability shall accrue to the Townships for its decision in this regard.

The acceptance of any Submission is subject to appropriate funding acceptable to the Townships.

The placing in the mail or delivery of a notice of award to the Company address, given in the Submission, shall constitute notice of acceptance of the Contract.

14. Insurance

The successful Company shall provide the following insurance:

General Liability Insurance

The General Liability policy shall be underwritten by an insurer licensed to conduct business in the Province of Ontario and include but not be limited to the following:

- a) Third party bodily injury, personal injury and property damage, to an inclusive limit of not less than \$5,000,000 per occurrence.
- b) The Townships shall be added as an additional insured.
- c) The policy shall contain a provision for cross liability and a severability of interest clause.
- d) The policy shall contain a provision for contractual liability oral and written
- e) The policy shall provide the Townships with 30 days' notice of cancellation or nonrenewal.
- f) Non-owned Automobile Coverage for a limit of not less than \$5,000,000 including contractual non-owned coverage.
- g) Contingent Employer's Liability.
- h) Broad Form Property Damage.

Contractors' Equipment Insurance

"All risks" contractors' equipment insurance covering construction machinery and equipment used by the Contractor for the performance of the Work, excluding boiler insurance, shall be in a form acceptable to the Townships and shall not allow subrogation claims by the insurer against the Townships. The policies shall be endorsed to provide the Townships with not less than 30 days' notice, in writing, in advance of cancellation, change or amendment restricting coverage. Subject to satisfactory proof of financial capability by the Contractor for self-insurance of his equipment, the Townships agrees to waive the equipment insurance requirement.

Pollution Liability Insurance

Pollution Liability Insurance shall be in the joint names of the Contractor and Tay Valley Township and the Township of Lanark Highlands with limits of no less than \$5 million per occurrence, an aggregate of not less than \$5 million in any policy year, and a deductible not to exceed \$5,000, such insurance to be maintained from the date of commencement of the Work until one year from the date of Substantial Performance of the Work. Such insurance shall contain no exclusion of any kind relating to asbestos or asbestos-related operations in conjunction with the Work.

Automobile Liability Insurance

The Company shall provide Automobile liability insurance in respect of licensed vehicles with limits of not less than \$5,000,000.00 inclusive per occurrence for bodily injury, death and damage to property, covering all licensed vehicles owned or leased by the Contractor, and endorsed to provide the Townships with not less than 30 days' notice, in writing, in advance of any cancellation, change or amendment restricting coverage.

Other Requirements

The Company acknowledges that he/she is an independent Contractor and shall, indemnify, protect and save harmless The Corporations of Tay Valley Township and the Township of Lanark Highlands, its agents and employees from any and all damages, liabilities and claims of whatsoever nature arising out of the furnishing by the Company, its agents or employees of the materials and/or performing of the services covered by this Contract.

The Company remains responsible for maintaining the required insurance even if the certificates are never exchanged and/or requested.

15. Bonding

Performance Bond

A Performance Bond in the amount equal to one hundred percent (100%) of the Total Tendered Price will be required on acceptance of the Contract and prior to the commencement of any work. The Bond will be furnished by a satisfactory surety company with head office in Canada or authorized to carry on business in Canada.

The Performance Bond shall guarantee workmanship and materials as well as all maintenance required for a period of twenty-four (24) months from the date of acceptance of the works.

Labour and Material Bond

A Labour and Material Payment Bond satisfactory to the Townships shall in the amount of fifty percent (50%) of the Total Tendered Price for a one-year period and issued by a satisfactory surety company with head office in Canada or authorized to carry on business in Canada.

Maintenance Bond

A Maintenance Bond satisfactory to the Townships in the amount of one hundred (100%) of the Total Tendered Price for a one-year period and issued by a satisfactory surety company with head office in Canada or authorized to carry on business in Canada.

16. Failure to Enter into an Agreement

In addition to all of the Township's other remedies, if a selected Bidder fails to execute the accepted agreement or satisfy any other applicable conditions within ten (10) days of notice of selection, the Townships may, in their sole and absolute discretion and without incurring any liability, approve an extension (should agreement changes be requested), rescind the selection of that Bidder and proceed with the selection of another Bidder.

17. Assignment

The Company shall not assign the Contract, or any portion thereof, without the prior consent of the Townships.

If the Townships agrees to the assignment of the Contract, all Assignment Agreements will be prepared, at the sole cost of the Company, and under no circumstances will the Townships be responsible for these costs.

18. Laws and Regulations

The Company shall comply with relevant, federal, provincial and municipal statutes, regulations and by-laws pertaining to the work and its performance. The Company shall be responsible for ensuring similar compliance by its suppliers and subcontractors.

The Contract shall be governed and interpreted in accordance with the laws of the Province of Ontario.

19. Default by Company

If the Company commits any act of bankruptcy or if a receiver is appointed on account of its insolvency or in respect of any of its property or if the Company makes a general assignment for the benefit of its creditor, then, in any such case, the Townships may, without notice, terminate the Contract.

If the Company fails to comply with any request, instruction or order of the Townships or fails to pay its accounts or fails to comply with or persistently disregard statutes, regulations, by-laws or directives or relevant authorities relating to the work or fails to prosecute the work with skill and diligence or assigns or sublets the Contract without the Township's written consent or refuses to correct defective work or is otherwise in default in carrying out its part of any of the terms, conditions and obligations of the Contract, then, in any such case, the Townships may, upon expiration of ten (10) days from the date of written notice to the Company, terminate the Contract.

Any termination of the Contract by the Townships, as aforesaid, shall be without prejudice to any other rights or remedies the Township may have.

If the Townships terminates the Contract, it is entitled to:

- Take possession of all of the work in progress and finish the work by whatever means the Townships may deem appropriate under the circumstances.
- Withhold any further payments to the Company until its liability to the Townships can be ascertained.
- Recover from the Company loss, damage and expense incurred by the Townships by reason of the Company's default (which may be deducted from any monies due or becoming due to the Company, any balance to be paid by the Company to the Townships).

20. Contract Cancellation

The Townships shall have the right, which may be exercised from time to time, to cancel any uncompleted or unperformed portion of the work or part thereof. In the event of such cancellation, the Townships and the Company shall negotiate a settlement.

The Townships shall not be liable to the Company for loss of anticipated profit on the cancelled portions of the work.

21. Responsibility

The Townships shall not be responsible for any liabilities, costs, expenses, loss or damage incurred, sustained or suffered by any Bidder prior to, subsequent to, or by reason of the acceptance or the non-acceptance of a Tender save as provided in the Contract. The Townships reserves the right to reject any or all Tenders and to waive formalities as the interest of the Townships may require without stating reasons, therefore, and the lowest or any Tender will not necessarily be accepted.

22. Payments

The Company shall invoice Part "D", Location "A" to the Township, "Tay Valley Township", and Part "D" Location "B" to the Township, "Lanark Highlands" monthly, for services and materials provided. The Townships shall pay said invoice within thirty (30) days of receipt of the invoice.

The successful Bidder will be required to complete the applicable paperwork to facilitate payment via Electronic Funds Transfer (EFT). This paperwork will be provided to the Bidder by the Township after the Contract is awarded.

The Townships shall have the right to withhold, from any sum otherwise payable to the Company, such amount as may be sufficient to remedy any defect or deficiency in the work, pending correction of the same.

23. Municipal Freedom of Information

Any personal information collected by or on behalf of the Townships under this Tender is subject to the *Municipal Freedom of Information and Protection of Privacy Act*. The information provided to the Townships may be used to confirm certain information provided in the submissions for this project. The person submitting this Tender, consents to such collection and use of the information. The person submitting this Tender acknowledges the Tender is a public document and that the information contained in the Tender may become public and consents to the release of that information. By responding to this Request for Tender, respondents waive any

challenge to the Townships decision in this regard. Any questions regarding the collection, use, or disclosure of the information should be directed to the Clerk of either Township.

The contractor is hereby notified that OPSS. MUNI 100 General Conditions of Contract, dated November 2018, shall govern except as amended or extended herein. The OPSS. MUNI 100 General Conditions of Contract have not been reproduced as part of these Contract documents. It will be the responsibility of the Contractor to obtain current copies of these documents.

1. Ability and Experience of Bidders.

The Townships reserves the right to reject any tender where satisfactory evidence of sufficient capital, plant and experience to successfully undertake and complete the work in the specified time, is not furnished by the Bidder where requested by the Townships. This evidence shall be provided by completing the following statements:

<u>Statement 'A' – Bidder's Experience</u> (see Form of Tender)

As an integral part of the Form of Tender, the Bidder shall list three examples of their experience in work of a similar nature to that being tendered, which it has successfully completed in the last three years.

<u>Statement 'B' – List of Proposed Subcontractors</u> (see Form of Tender) As an integral part of the Form of Tender, the Bidder shall provide the name, the category of work and the address of all subcontractors proposed in this Tender.

2. Co-ordination Meetings

The Contractor shall attend such meetings with the Townships as may be required to co-ordinate services affected by the Contract and routinely review its progress. A preconstruction meeting shall be scheduled to be held within 10 days of notification of acceptance of the Tender by the Townships.

3. Hours of Work

The Contractor's operations under the Contract will be restricted by daylight hours, Monday to Friday half an hour after sunrise and half an hour before sunset. No work will be permitted on weekends or statutory holidays, unless otherwise approved.

4. Utilities

The Contractor shall be responsible for the protection and locating of all utilities at the job site during the time of construction. The Townships will be responsible for the relocation of utilities where required. However, no claims will be considered which are based on delays or inconvenience resulting from the relocation not being completed before the start of this Contract.

5. Guaranteed Maintenance

The Contractor shall guarantee and maintain the entire work called for under this Contract for a period of twenty-four (24) months in accordance with Section GC 7.16 of OPSS General Conditions (MUNI. 100).

The Contractor shall make good in a permanent manner, satisfactory to the Townships, any and all defects or deficiencies in the work, both during the construction and during the period of maintenance as aforesaid. The Contractor shall commence repairs on any work identified as defective under this clause within 48 hours of receipt of notice from the Township. The severity of defective work shall be identified by and evaluated at the discretion of the Township.

In the event the Contractor refuses or is unable to carry out the repairs on defective work, the Townships shall use the holdback funds to have the remedial work completed to the Township's satisfaction.

6. Restrictions on Open Burning

Open fires will not be permitted within the limits of this Contract. Brush and debris must be disposed of in compliance with the requirements specified elsewhere for Management and Disposal of Excess Material.

7. Contract Time and Liquidated Damages

Progress of the Work and Contract Time

Forthwith upon acceptance of this Contract, the Contractor shall provide a "Contractor's Schedule of Work" to the Townships.

The Schedule shall include the proposed methods of construction and the name of a responsible individual from the Contractor's firm who can be contacted in the event of emergencies. The Contractor must prepare and submit its schedule to the Townships within ten (10) calendar days of Contract acceptance and prior to start of construction.

The Contractor shall accomplish substantial completion of this Contract as defined in Section GC8.02.04 of the OPSS General Conditions (MUNI. 100) on or before July 31, 2020

If the Contract time allowed by the above-noted 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 insure that the work will be completed within the contract time 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.

If completion of the project is delayed beyond the time specified in the Contract, and the delay is not excused by the Townships, the Contractor shall pay to the Townships the sum of \$500 per day for each calendar day during which completion of the project is delayed beyond the time specified for completion.

8. Dust Control

As part of the work required under the scope of work of this Contract, the Contractor shall take such steps as may be required to prevent dust nuisance resulting from its operations either within the right-of-way or elsewhere or by public traffic where it is the Contractor's responsibility to maintain a roadway through the work.

9. Use of Sub-Contractors

The Contractor agrees to submit a list of any Sub-contractors who will be carrying out any part of this Contract. The list shall show the names of the proposed sub-contractors and for what work each sub-contractor will be responsible for. The Townships have the right to reject any of the sub-contractors so named. In this event, the Contractor shall arrange to have the proposed work done by such other sub-contractors as may be approved by the Townships.

Should the Contractor cease operation, under no circumstances shall sub-contractors be allowed to continue the work on the site unless an authorized representative of the Contractor is present on the site at all times. The Contractor shall notify the Townships, in writing, of the names and positions of the person or persons so representing the Contractor.

10. Traffic Control and Construction Signs

In accordance with Section GC7.06 of OPSS General Conditions (MUNI. 100), the Contractor is responsible for the supply, erection, maintenance and subsequent removal of all temporary traffic controls, including signs, lights, barricades, delineators, cones, etc., required for the project.

Traffic controls shall be provided in accordance with the latest edition of the Ontario Traffic Manual, Temporary Conditions, Book 7.

Traffic controls shall be operational before work affecting traffic begins.

11. Maintenance of Traffic

The Contractor shall maintain all pre-construction traffic lanes open for traffic at all times except when lane closures are required to allow for construction operations as approved by the Townships in writing. Only single-lane closures shall be permitted.

Vehicular and pedestrian access shall be maintained to all properties abutting this Contract at all times.

12. Storage Areas

The Contractor shall obtain the approval of the Townships prior to designating areas within the road allowance for storage of their equipment and materials for housing.

13. Occupational Health and Safety Act – Designated Substances

The Contractor shall be responsible for determining the presence of designated substances on the sites within the limits of this Contract in accordance with the requirements of Section 30 of the *Occupational Health and Safety Act*. The Contractor shall identify and report any designated substances determined to be present to the Townships and ensure that all sub-contractors performing work under the Contract have received a copy of the report.

The Contractor shall comply with the governing Ministry of Labour regulations respecting protection of workers, removal, handling and disposition of the designated substances determined to be present with regards to this Contract. All related costs shall be deemed to be included in the appropriate tender items.

14. Workplace Hazardous Material Information System (WHMIS)

Prior to the commencement of work, the Contractor shall provide to the Townships a list of those products controlled under WHMIS which it expects to use on this Contract. Related Safety Data Sheets shall accompany the submission. All containers used in the application of products controlled under WHMIS shall be labeled.

The Contractor shall notify the Townships in writing of changes to the list and provide the relevant Safety Data Sheet.

15. 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 immediately be reported to the Townships. Such spills or discharges and their adverse effects shall be as defined in the *Environmental Protection Act*.

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 immediately be reported to the Townships.

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

16. Protection of Water Quality

At all times, the Contractor shall maintain existing stream flows and shall control all construction work so as not to allow sediment or other deleterious materials to enter streams.

No waste or surplus organic material, including topsoil, is to be stored or disposed of within 30 metres of any watercourses. Run-off from excavation piles will not be permitted to drain directly into watercourses but shall be diffused onto vegetative areas a minimum of 30 metres from the watercourse. Where this measure is not sufficient or feasible to control sediment entering the watercourses, sedimentation traps or geotextile coverage will be required.

If dewatering is required, the water shall be pumped into a sedimentation pond or diffused onto vegetated areas a minimum of 30 metres from the watercourses and not pumped directly into the watercourses.

No machinery shall enter the creek bed of any watercourse. Movement of construction equipment in the vicinity of any creeks shall be limited to the minimum required for construction.

The Contractor shall not carry out equipment maintenance or refueling or store fuel containers within 100 metres of any watercourse. The Contractor shall not stockpile construction debris or empty fuel/pesticide containers within the Contract limits.

17. Mailboxes

The Contractor shall maintain access to mailboxes at all times. In the event that mailboxes are damaged as a result of construction activities or any other activity related to the execution of this Contract, the Contractor will be responsible for replacement at no additional cost.

18. Private Entrances

The Contractor is responsible for ensuring private entrances affected by the scope of work within this Contract are restored to a reasonable gradient with the elevation of the new road surface.

19. Endangered Species

It is the responsibility of the Contractor to ensure the Protection and Recovery of Endangered Species as set out in the *Endangered Species Act, 2007.*

20. Sampling and Testing

Sampling and testing to be performed as per OPSS 304 at the expense of the Contractor.

21. Prevention of Damage

The failure of the Townships 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 its responsibilities under this Contract.

22. Emergency and Maintenance Measures

Wherever the construction site is unattended by the general superintendent, the name, address and telephone number of a responsible official of the Contractor shall be provided to the Townships. This 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 Townships, 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 Townships will carry out the necessary repairs, the cost of which shall be charged to the Contractor.

23. Losses and Damages

The Contractor is hereby specifically notified that any loss or damage to the work caused by the action of the elements, including severe rain storms, wind storms or any other unforeseen circumstances, shall be sustained and borne by the Contractor at its own expense. All material and additional work required, to make good any loss or damage to work previously completed, shall be done at the cost of the Contractor and no claims for extra payment will be allowed.

ITEM A1 & B1 SITE PREPARATION

1.0 SCOPE

This special provision covers the requirements for the following:

- Cost of the Performance Bond and Liability Insurance outlined in Part "A"-Information to Bidders.
- b) Supplying, erecting and maintaining all signs, barricades, flashers, delineators, flashing lights and such other protection as may be required by the Townships to protect the workers and the public during the course of the Contract.
- c) Supplying properly trained and properly attired flag personnel and the required equipment, for all operations, including the Equipment Rental Items.
- d) Preparing a Traffic Protection Plan to comply with the Ontario Traffic Manual Book 7.
- e) Dust control for the duration of the project. The Contractor shall provide a minimum of 3 dust suppression treatments with water per day (am, noon and pm).
- f) Supplying a foreman or a representative on the job at all times for coordination of the project with the Township's Representative and completing layout and grade control, if required.
- g) Security protection of the Contractor's office, plant and stored materials during the course of the Contract.
- h) Mobilizing onto the site and setting up the Contractor's office, storage facilities, plant, etc.
- i) Demobilizing from the site and removal of the Contractor's office, storage facilities, plant, etc.
- j) Supplying a detailed construction schedule a minimum of 5-days prior to the construction start up meeting. A brief two-week "looking ahead" schedule shall be issued 2 weeks from the day that work commences and updated every two weeks until work is complete.

2.0 MEASUREMENT FOR PAYMENT

Measurement for payment for Site Preparation shall be by Lump Sum.

3.0 BASIS FOR PAYMENT

Progress payments for the Site Preparation shall be made as follows:

- a) 30% upon initial construction start-up.
- b) 50% pro-rated during construction.
- c) 20% upon issuance of Completion Certification.

ITEM A2 & B2 IN-PLACE FULL DEPTH RECLAMATION OF BITUMINOUS PAVEMENT AND UNDERLYING GRANULAR

Amendments to OPSS. MUNI 330, November 2014

330.07.01 General

Subsection 330.07.01 is amended with addition of the following:

It is the responsibility of the Contractor to install construction offset stakes prior to pulverizing to ensure the proper reinstatement of the Road alignment. Stakes shall be spaced at a maximum distance of 100 m in straight sections of road, and a maximum distance of 20 m in curves.

330.07.03 Reclamation of Bituminous Pavement and Underlying Granular

Subsection 330.07.03 is amended with addition of the following:

The average width and length of the existing pavement surface is per the following:

Iron Mine – 6.2 m x 3,875 m

The underlying granular material shall be reclaimed to a total depth of 150 mm.

This Item shall include all necessary removal of existing berm along edge of road, pulverizing, grading, compaction and water for compaction to rework the blended material of the roadway, entrances and side roads to the required width and elevation after the pulverizing Item has been completed. The width of the new restored roadway surface will be 7.0 metres and the cross fall shall be 3.0%.

Intersections at gravel roads which are paved or surface treated shall be pulverized.

ITEM A3 & B3 GRANULAR 'A' – QUARRY SOURCED

Amendments to OPSS. MUNI 314, November 2016

314.07.01 Granular Subbase, Base and Surface

Subsection 314.07.01 is amended with the addition of the following:

In locations where there are private entrances, the Contractor shall, as part of the work under this item, place, level and compact sufficient material in order to match the new road elevation.

The contractor shall place and compact granular material, full width of the restored road and at 3.0%, after the roadway has been pulverized and graded.

Amendments to OPSS. MUNI 501, November 2017

501.07.04.03.02 Submission of Test Data

Subsection 501.07.04.03.02 is deleted in its entirety and amended with the following:

The Contractor shall provide the owner with testing results as they become available, and provide the owner with a "Field Compaction Report" as per Appendix 501-B on a daily basis.

501.10.02 Water for Compacting

Subsection 501.10.02 is deleted in its entirety and amended with the addition of the following:

There shall be no additional payment for Water used for compacting. Water used for compacting shall be fully compensated under the Item 'Granular A – Quarry Sourced'.

Table 1 Compaction Lot Size

The Lot Size noted in Part I, Construction of Earth Embankments, granular base, granular subbase and granular shoulders is amended with the revision of the following:

Testing of material shall be completed at the frequency of one (1) test per 100 m of roadway at the expense of the Contractor.

Amendments to OPSS. MUNI 1010, November 2013

1010.08.01 Quality Assurance

Subsection 1010.08.01 is deleted in its entirety and amended with the following:

Quality control testing shall be done at the expense of the Contractor to ensure the granular supplied meets the requirements of OPSS. MUNI 1010. It shall be the responsibility of the Contractor to complete granular material sampling at a minimum frequency of 1 per 2000 tonnes of material placed, or once per location in areas where the estimated quantity is less than 2000 tonnes. Copies of test results shall be given to the Owner on a weekly basis. The Owner shall also complete random granular material sampling at their discretion.

All areas which do not meet the acceptable criteria based on the random sampling shall be considered deficient and shall be deducted from payment until additional sampling confirms compliance with the specifications or confirms that the granular should be rejected as noted in OPSS. MUNI 1010. Additional samples shall be taken at a frequency of 1 per 500 tonnes of granular and the average results from the testing and original sample(s) shall be used to establish the deficient granular parameters.

ITEMS A4 & B4 DOUBLE SURFACE TREATMENT – CLASS 2 AND CLASS 6

Amendments to OPSS.304, November 2016

304.04 Scope

Subsection 304.04 is amended with the addition of the following:

The finished width of the surface treatment shall be 7.0 metres.

304.05.01 Binders

Subsection 304.05.01 is amended with the addition of the following:

The binder shall be HF-150S (P) for all aggregate types used under this contract.

304.05.02 Aggregate

Subsection 304.05.02 is amended with the addition of the following:

The aggregate type shall be Class 6, at all locations where single surface treatment is called for in this contract.

Where double surface treatment is called for in this contract, the first lift shall be constructed with Class 2 aggregate and the second lift shall be constructed with Class 6 aggregate.

304.07.02.01 Binder

Subsection 304.07.02.01 is amended with the deletion of clause one and two, and with the addition of the following:

One binder sample shall be taken upon the commencement of work.

304.07.02.02 Aggregate

Subsection 304.07.02.02 is deleted in its entirety and amended with the following:

One aggregate sample, as specified in OPSS. MUNI 1006 Section 1006.08.04, shall be taken upon the commencement of work.

304.07.03 Determination of Binder and Application Rate

Subsection 304.07.03 is deleted in its entirety and amended with the following:

For both single and double surface treatments, the application rate for the binder and aggregate shall be determined by the Contractor and shall result in a uniform and tight-knit surface.

304.07.09 Traffic Convoy

Subsection 304.07.09 is deleted in its entirety and amended with the following:

All traffic control shall be as per OPSS 706 and the most recent version of OTM Book 7.

304.09 Measurement for Payment

Subsection 304.09 is deleted in its entirety and amended with the following:

Measurement for payment shall be based on square meters of area that is treated with single surface treatment or double surface treatment, as specified in the Contract. Payment shall be full compensation for all labour, equipment and materials required to complete the work.

304.07.05 Management of Excess Materials

Subsection 304.07.05 is deleted in its entirety and replaced with the following:

All access materials shall be property of the Contractor and shall be removed from the site and re-used, recycled or disposed according to applicable regulations and OPSS 180.

304.10.01 Basis of Payment

Subsection 304.10.01 is deleted in its entirety and replaced with the following:

304.10.01 Double Surface Treatment, Class 2 and Class 6 – Item

Payment at the contract price for this item shall be full compensation for all labour, equipment and materials to do the work. Fine grading shall be included in this item.

ITEM A5 & B5 FOG SEAL

1.0 SCOPE

This special provision covers the requirements for the placement of a bituminous fog seal to the Single and Double Surface Treatments.

2.0 REFERENCES

This special provision refers to the following standards, specifications or publications:

Ontario Provincial Standards Specifications, General:

OPSS 180 Management of Excess Materials

Ontario Provincial Standards Specifications, Material:

OPSS 1103 Emulsified Asphalt

3.0 DEFINITIONS

Fog Seal: is a light application of diluted, slow setting, emulsified asphalt that is applied to an existing pavement surface.

4.0 DESIGN AND SUBMISSION REQUIREMENTS

The Contractor shall submit, in writing, notification to the Contract Administrator of the scheduled date of the application 72 hours prior to the application of the fog seal.

The Contractor shall provide the Contract Administrator the technical data sheets and the material safety data sheets of the products 14 days prior to the application of the fog seal.

5.0 MATERIAL

5.01 Fog Seal

The surface applied fog seal shall be "Clean Bond Coat" supplied by McAshalt Industries Limited, or approved equivalent, and shall conform to OPSS 1103.

6.0 EQUIPMENT

For main line applications, fog seal shall be applied using self-propelled or tow-along distributors capable of applying the product at the specified rate and in a continuous and uniform manner both longitudinally and transversely for the full lane width. The distributors shall be equipped with a volume-metering system of sufficient sensitivity to measure the quantity of fog seal dispensed, measurable to four or five litres.

7.0 CONSTRUCTION

7.01 General

As part of the work under this tender item, the Contractor shall supply and apply the fog seal at all locations specified in this Contract's Bid Table.

7.02 Operational Constraints

The fog seal shall be applied only when the atmospheric temperature is at least 10°C and rising and the weather is free of fog or rain and there is no forecast of temperatures below 0°C within 24 hours from the time of application.

Traffic, including construction traffic, shall be kept off the fog seal until the material has fully set to prevent damage to the surface and vehicles.

7.03 Trial Area

A trial area of 100 m in length and one lane wide shall be placed at the commencement of the fog sealing operation to demonstrate the ability to produce fog sealing in conformance with this specification. Within 1 hour of placement, the Contract Administrator shall inspect the fog seal for conformance. The trial areas shall be repeated until the fog sealing meets the requirements of this specification. The location of the trial area shall be approved by the Contract Administrator.

7.04 Application

The temperature of the bituminous material at the time of application shall be as per manufacturer's recommendations. If recommendations are not available, the temperature of the material shall not be less than 20°C and not more than 70°C.

The bituminous material shall be diluted with water, 50% by volume, to improve the material application and distribution characteristics.

The diluted emulsion shall be applied at the rate of no less than 0.45 L/m2 and no more than 0.70 L/m2.

The use of clean sand as a blotter, that meets the requirements of Class 3 in Table 1 of OPSS 1106, is permitted, if required.

8.0 QUALITY ASSURANCE

8.01 Acceptance and Rejection

The Contract Administrator shall determine the acceptability of the fog seal based on the appearance of the application and recommendations provided by the manufacturer. All visually defective material or work shall be rejected by the Contract Administrator. Such defective material and work shall be fixed by the Contractor at no extra cost to the Contract.

9.0 MEASUREMENT FOR PAYMENT

9.01 Actual Measurement

Measurement of the fog sealing applied shall be by the area in square meters.

10.0 BASIS FOR PAYMENT

10.01 Fog Seal - Item

Payment at the Contract Price for the above tender item shall be full compensation for all labour, equipment and materials to complete the work.

All costs associated with repairing and replacing unacceptable trial areas shall be borne by the Contractor.

ITEM A6, A7, B6 & B7
INSTALL 400 MM CSP, 2.8 MM, POLYMER LAMINATED
INSTALL 600 MM CSP, 2.8 MM, POLYMER LAMINATED
INSTALL 375 MM HDPE CULVERT
INSTALL 1000 MM CSP, 2.8 MM, POLYMER LAMINATED

Amendments to OPSS. MUNI 421, November 2018

421.07.12.01 General

Subsection 421.07.12.01 is amended with the addition of the following:

A minimum 500 wide piece of geotextile shall be installed inside each coupler. The geotextile shall be placed around the culvert prior to the installation of the coupler.

New culverts shall be installed with a frost taper as per OPSD 803.030. Bedding, backfill and cover material shall be placed as per OPSD 802.010.

Bedding, cover and backfill material shall be quarry sourced granular "A" material. Clear stone may be used as bedding materials where wet conditions are encountered, and the Contractor has exhausted their efforts in dewatering. Geotextile shall be placed at the bottom of the excavation prior to the placement of clear stone and wrapped around the top of the clear stone prior to the placement of the culvert.

Bump Ahead and Bump Signs are to be installed and left in place until surface course is completed.

Culvert Details:

Culvert #	Position	Cover Depth (m)	Diameter (mm)	Туре	Length (m)	Gauge (mm)	Location
1	50m N. of Pin 102	<0.5	600	PL	12	2.0	CC
2	60m S.E. of Ashby Rd	<0.5	400	PL	12	2.0	CC
3	65m W. of Pin 533	<0.5	375	HDPE	12	2.0	CC
4	60m W. of Pin 805	<0.5	375	HDPE	12	2.0	CC
5	65m W. of Pin 847	<0.5	1000	PL	12	2.0	CC

HDPE High Density Polyethylene

PL Polymer Laminated CSP

CC Cross Culverts Frost depth – 1.5 meters

421.09.01.01 Pipe Culverts

Non-Circular Pipe Culverts
Pipe Culvert Extensions

Non-Circular Pipe Culvert Extensions

Subsection 421.09.01.01 is amended with the addition of the following:

No additional measurement for payment shall be made for the dewatering, sediment and erosion control, excavation, removal and disposal of the existing culverts, excavation for the frost treatments and supply and placement of new granular materials for the installation of the new culvert and frost taper. The unit price per metre for the installation of all pipe culverts shall be inclusive.

No additional measurement for payment shall be made for supply and installation of geotextile for the couplers or where wet conditions are encountered.

421.10 Basis of Payment

Subsection 421.10 is amended by deleting its contents and replacing them with the following:

Payment at the Contract price for the type and size of pipe culvert specified will be full compensation for all labour, equipment and materials to do all earth excavation for bedding and backfill including frost taper and any earth excavation for concrete appurtenances or end sections, to remove pavement, except where there is a separate item for pavement removal which overlaps pavement removal required for culvert placement, to carry out pipe installation, to place and compact cover material, backfill and bedding, to dispose of surplus excavated materials and to carry out all sheathing, shoring and dewatering as required.

Granular A for bedding and frost taper will be paid under the Granular A item.

Restoration beyond the shoulder and rounding must include 150 mm topsoil on slopes, hand seeding of this top soiled area and rip rap the disturbed areas of the inlet and outlet ditches.

Pipe culverts must be set on grade having a camber of not less than one half of one percent times the length of pipe unless set out elsewhere in the Contract.

ITEM A8 EXCAVATOR RENTAL WITH BRUSHING HEAD

Amendments to OPSS. MUNI 201, April 2019

201.01 Scope

Section 201.01 of OPSS MUNI.201 is amended by the addition of the following:

Under this Item, the Contractor is required to remove all vegetation along the existing roadway to the edge of the Townships right-of-way. Trees that are in good health, larger than 200 mm in diameter and are located beyond 3 meters from the edge of road may remain. The locations will be marked in the field the Township's representative.

The excavator shall be a minimum of 18-tonnes and can be either have tracks or wheels. The brushing head shall have a minimum cutting width of 1.2 metres in a single pass.

201.09 Measurement for Payment

Section 201.09 of OPSS MUNI.201 is amended by the addition of the following:

201.09.01.04 By Hour

Measurement shall by be hours that the equipment and operator are engaged in completing the Work.

The traffic control required, while equipment is operating, will be paid as part of Item A1, Site Preparation.

201.10 Basis of Payment

Section 201.10 of OPSS MUNI.201 is amended by the addition of the following:

201.10.01 Excavator Rental with Brushing Head - Item

ITEM A9 & A10
EXCAVATOR, 23,000 KG MINIMUM
TANDEM TRUCK MINIMUM 26,000 KG PAYLOAD

1.0 SCOPE

For the Unit Price Bid, the Contractor shall supply operated equipment, as specified on the Bid Table. Equipment will be used to complete ditching, trimming and other miscellaneous work required by the Townships. All excavated materials will be used for flattening existing slopes or to build a rock fill within the Contract limits, where possible. When this is not possible, the Contractor will secure a site to dump excess excavated material. This site location must be approved by the Townships. Equipment will be paid only while working as ordered by the Townships. Float moves will be paid as one hour of the equipment being moved onto the job. Float moves will only be paid once, unless the Townships have released that piece of equipment from doing any more work and ordered it back onto the job. All attachments, bits and accessories will be paid for under this Item. Additional equipment may be required to complete this Contract. A list of other available equipment, with their power or size rating and the operated hourly rate, may be required during the Contract.

A minimum bucket size of 1 ½ yards is required under the Excavator Equipment Rental Item.

The Contractor shall submit information to the Townships on all rented equipment for approval prior to the work taking place, which includes but not limited to: year, make, model, operating weight and horsepower. Equipment that does not meet the contract requirements may be approved, by the Contract Administrator, at an agreed upon reduced rate.

The traffic control required, while equipment is operating, will be paid as part of Item #1, Site Preparation.

	l, of,	·					
		ion, other than the one whose signature or the signature of ached below, has any interest in this Tender or in the					
-		made without any connections, knowledge, comparison of ractor, firm or person making a Tender for the same work ion or fraud.					
•	I FURTHER DECLARE that no member of the Township Council, or any Officer of the Township is or will become interested, directly or indirectly, as a contracting party or otherwise, in the performance of the 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.						
	I FURTHER DECLARE that several matters	s stated in the said Tenders are in all respects true.					
·	executed by the successful Company for th closing date, whichever first occurs and tha	continue open to acceptance until the formal contract is e said Tender OR for a period of ninety (90) days after the t the Township may, at any time, within that period, without other Submission has been previously accepted					
	I FURTHER DECLARE that the awarding of an acceptance of this Tender.	of the contract based on this Tender by the Township shall be					
	I FURTHER DECLARE that Addendum/Addenda No, inclusive, has/have been received, and that all changes specified in the Addendum/Addenda have been included in the prices submitted. I do hereby tender and offer to enter into a Contract, to do all of the work and to furnish all necessary labour, machinery, tools, apparatus and other means of construction, and to provide furnish, deliver, place and erect all materials mentioned and described or implied therein, to complete the work, herein described, in strict accordance with the plans, specifications and special provisions and to accept in full payment therefore, the sums calculated in accordance with the actual measured quantities, except where noted, at the unit prices set forth in the tender therein as follows:						
	Witness	Signature					
	Date	Name of Company					
	E-mail Address	Address					
	Name of Signing Authority for Contract (Please print)	Telephone					

I/We hereby agree to provide section rehabilitation services in accordance with the provisions set out in Parts "A", "B", and "C" of this Tender, for the following firm prices. Exact location is identified in "Schedule "A" – Location Maps".

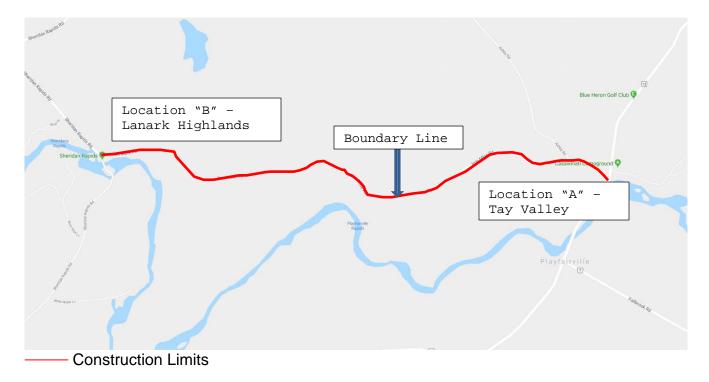
Item No.	Spec. No.	Description	Estimated Quantities	Unit	Bid Price Per Unit	Total Bid
Locat	Location A: Iron Mine Road - Tay Valley Township					
A1	SP	Site Preparation	1	L.S.	\$	\$
A2	330 SP	In-Place Full Depth Reclamation of Bituminous Pavement and Underlying Granular	9,000	m²	\$	\$
A3	314 501 SP	Granular 'A'-Quarry Sourced	3,000	Т	\$	\$
A4	304 SP	Double Surface Treatment – Class 2 and Class 6	10,200	m ²	\$	\$
A5	SP	Fog Seal	10,200	m ²	\$	\$
A6	421 SP	Install 400 mm CSP, 2.8 mm, Polymer Laminated	12	m	\$	\$
A7	421 SP	Install 600 mm CSP, 2.8 mm, Polymer Laminated	12	m	\$	\$
A8	301 SP	Excavator with Brushing Head	20	hr.	\$	\$
A9	SP	Excavator, 23,000 kg Minimum	20	hr.	\$	\$
A10	SP	Tandem Trucks Minimum 26,000 kg Payload	20	hr.	\$	\$
Total Tendered Price					\$	

Item	Spec.	Description	Estimated	l loit	Bid Price	Total Did
No. No. Description Quantities Unit Per Unit Total Bid Location B: Iron Mine Road - Township of Lanark Highlands						
B1	SP	Site Preparation	1	L.S.	\$	\$
B2	330 SP	In-Place Full Depth Reclamation of Bituminous Pavement and Underlying Granular	15,100	m²	\$	\$
В3	314 501 SP	Granular 'A'-Quarry Sourced	4,800	Т	\$	\$
B4	304 SP	Double Surface Treatment – Class 2 and Class 6	17,000	m ²	\$	\$
B5	SP	Fog Seal	17,000	m ²	\$	\$
В6	421 SP	Install 375 mm HDPE Culvert	24	m	\$	\$
B7	421 SP	Install 1000 mm CSP, 2.8 mm, Polymer Laminated	12	m	\$	\$
Total Tendered Price					\$	

Notes:

- i) H.S.T. will be paid in addition to the tendered price.
- ii) Prices must be rounded to two decimal places only.
- iii) OPSS.MUNI specifications shall apply when applicable

Schedule "A" - Location Map - Iron Mine Road



Statement "A" – Bidder's Experience in similar work

Year	Description of Contract	For whom Performed	Project Foreman	Value

Statement "B" - List of Proposed Sub-Contractors

Sub-Trade	Name of Subcontractor	Address

TENDER DEPOSIT METHOD OF RETURN - FORM 4

Please complete this form indicating your preference

The Contractor will pick up the tender deposit.

Township Staff will notify the Contractor when the cheque is available for pick-up.

If you are selecting this option, if possible, please provide the name of the representative who will pick up the cheque.

Name:

Send cheque by Purolator Courier.
Note: courier charges will be the responsibility of the Contractor.
My Purolator Account #:

Send cheque by Regular Mail.

Contractor Name:

Date:

Signature of Contractor representative

CHECKLIST

Enclosed with submission:

1.	Completed Part "D" enclosed	
2.	2020 Health and Safety Policy Statement – Part "A" (#7)	
3.	WSIB Certificate of Clearance – Part "A" (#7)	
4.	Accessibility Declaration – Part "A" (#8)	
5.	Tender Deposit – Part "A" (#5)	
Docur	ments upon Award of Contract:	
1.	Performance Bond – Part "A" (#15)	
2.	Material and Labour Bond – Part "A" (#15)	
3.	Maintenance Bond – Part "A" (#15)	
4.	Certificate of Liability Insurance – Part "A" (#14)	
5.	Electronic Funds Transfer Paperwork – Part "A" (#22)	

TENDER LABEL - FORM 5

To help identify your Tender, please cut out the label below and affix this label to the outside of your Tender Envelope:

THE CORPORATIONS OF TAY VALLEY TOWNSHIP AND THE **TOWNSHIP LANARK HIGHLANDS** REHABILITATION OF IRON MINE ROAD **CONTRACT #2020-PW-003** The Corporation of Tay Valley Township 217 Harper Road, Perth, Ontario K7H 3C6 Attention: Amanda Mabo, Clerk Telephone: 613-267-5353 ext. 130 Toll Free: 1-800-810-0161 Fax: 613-264-8516 E-mail: clerk@tayvalleytwp.ca CONTRACT NUMBER: **CLOSING TIME/DATE:** 1:00PM 2020-PW-003 March 26th, 2020 YOUR COMPANY'S NAME AND ADDRESS:

Use the above label for your envelope when you submit your Tender Document.

[COMPANY LETTERHEAD]

To: The Corporations of Tay Valley Township and the Township of Lanark Highlands From: [Company Name] [DATE] [CONTRACT NUMBER, CONTRACT TITLE]

Re: Declaration of Compliance - Accessibility of Ontarians with Disabilities Act (AODA)

Please accept this letter as confirmation [COMPANY NAME] is in compliance with the Accessibility of Ontarians with Disabilities Act and its regulations

[SIGNATURE]
[NAME]
[POSITION]
[CONTACT INFORMATION]
[COMPANY]