

NORTH
GLENGARRY
NORD



THE CORPORATION OF THE TOWNSHIP OF NORTH
GLENGARRY

Tender No. PW 2025-02

**TENDER FOR SANITARY SEWER RELINING
PROGRAM**

April 16, 2025

TO: ALL BIDDERS

SUBJECT: TENDER FOR SANITARY SEWER RELINING PROGRAM

DETAILS: The Township of North Glengarry is seeking submissions from qualified contractors for the sanitary sewer relining program in the town of Alexandria.

TENDER SUBMISSIONS:

Please find the attached specifications that must be returned in a sealed envelope, to:

Township of North Glengarry

3270 Hwy 34

Alexandria, Ontario, K0C 1A0

Attention: Dean McDonald, Environmental Services Manager

No later than 11:00:00 AM local time on June 13, 2025.

TENDER BID FORM:

The tender bid form provided with this tender must be used or your tender will be rejected. Please ensure that your tender bid form is secured at the front of your submission.

TENDERING REQUIREMENTS:

A certified cheque made payable to the Corporation of the Township of North Glengarry, in the amount of 10% of the total tender must be submitted with the tender, for deposit purposes.

Deposit cheques of unsuccessful bidders will be returned within fifteen (15) calendar days of the tender opening. The cheque of the successful bidder shall be retained until the Municipality's acceptance of the service.

DECLARATION OF INTERESTS:

The bidder shall clearly indicate any and all persons, firms or corporations, other than the bidder, that has any direct or indirect interest in the bidder being successful in this solicitation and describes the general nature of the interest.

The bidder shall clearly indicate any member of Council or employee of the Township that has any direct or indirect interest in the bidder being successful in this solicitation and describe the general nature of the interest.

ADDENDA:

Bidders may, during the tender period, be advised by addenda of required additions to, deletions from or alterations in the requirements of the tender documents.

Any/all changes as addressed in the addenda shall become an integral part of the tender documents and shall be allowed for in determining the final tendered price.

Addendums that have financial implications and have not been acknowledged on the tender form will be automatically rejected.

COMMUNICATIONS:

All communication (including clarification required from a technical perspective and/or from a purchasing perspective) between the Corporation of the Township of North Glengarry and prospective vendors **MUST BE** in writing format via email. Bidders are encouraged to email their questions to Dean McDonald, Environmental Services Manager with the Corporation of the Township of North Glengarry at enviro@northglengarry.ca. No verbal instructions or verbal information will be binding on the Corporation of the Township of North Glengarry. Oral instructions shall not be considered valid unless they are confirmed in writing. Site meeting will be available 2 weeks prior to closing.

Contractors interested on bidding, are to request a video link.

The Township is issuing this tender to obtain best value/dollar. The Township also reserves the right to negotiate with the successful bidder in order to meet the Township's budget restrictions. This may include the addition of components to the vehicle or removal of specified items in the tender.

SCOPE OF WORK

The Township of North Glengarry is seeking qualified contractors to provide quotations for sanitary sewer relining. This includes the following:

- 1.1. Installation of a cured in place pipe for a specified location in the sanitary system (Manhole 50-40)
- 1.2. **Provisional Item.** Installation of a cured in place pipe for a specified location in the sanitary system (Manhole 40-30)
- 1.3. Pre and post CCTV of the section being rehabilitated.
- 1.4. Post video shall be with the CTSpec inspection software.
- 1.5. Bypass pumping.

The Contractor shall be responsible for all labour, materials, equipment, and incidentals necessary for the mobilization, traffic control and CCTV inspection.

2.0 RELINING PROCEDURE

The work specified in this contract shall be performed in the sequence identified below or as directed in the field by the Township.

- 2.1 **General:** All existing maintenance holes and sewer pipes are to be cleaned, flushed and pumped, and all existing sewer pipes are to be televised within the limits. The Contractor shall provide the Township with video tapes of the sewer using pan and tilt camera accompanied with a printout describing location of all existing connection, water levels in sewers, and any defect such as open joints, offsets joints, longitude cracks, circular cracks, punctures, missing pipe sections, broken joints, deformations, infiltration, exposed joints, roots, calcite build up, grease, obstructions or debris.
- 2.2 **Construction:** The sewer sections shall be cleaned between consecutive manholes with the cleaning nozzle travelling completely from the downstream manhole to the upstream manhole and then working in a downstream direction. The cover of the upstream manhole shall be removed by the cleaning crew to observe that this point has been reached. The equipment used shall be capable of removing dirt, grease, rocks, sand and other materials and minor obstructions. Attempts shall be made to clean from both directions to clear an obstruction up to a maximum of three passes in total. Satisfactory precautions shall be taken to protect the sewer lines from damage that might be inflicted by the improper use of cleaning equipment. Particular care shall be taken in the cleaning equipment. Water supply for use under this contract can be assessed from a nearby hydrant. All sludge, dirt, sand, rocks, grease and solid or semi solid materials resulting from the cleaning operation shall

be removed at the downstream manhole of the section being cleaned. This material shall be disposed of offsite, at the Contractors expense.

2.3 Pipe Inspection: Inspection of sewer pipes should be performed by experienced personnel trained in locating breaks, obstacles, voids and service lateral connections by closed circuit television. The interior of the pipeline shall be carefully inspected to determine the location of any conditions that may prevent installation of the impregnated tube, such as protruding services connections, collapsed or crushed pipe, voids and reductions such as tree roots, solids, dropped joints, calcium deposits, and protruding service connections at no additional costs to the owner. The Contractor is advised to review the existing CCTV records for the sewer to be rehabilitated to determine the extent of preparation and/or cleaning that would be required to fulfil this specification.

2.4 Material Properties of CIPP

- 2.4.A **Tube:** Contractor to confirm size of all existing pipes to be rehabilitated, prior to undertaking any manufacturing of any tubes. The tube shall consist of one or more layers of flexible needled felt or an equivalent non-woven material capable of: carrying resin, withstanding installation pressures and curing temperatures, and shall be compatible with the resin used. The material shall be able to stretch to fit irregular pipe sections and negotiable minor bends. The outside layer of the tube shall be plastic coated with a material that is compatible with the resin used. This inner liner, the finished pipe surface, shall have an impermeable plastic coating which is required for enhancement of corrosion, flow and abrasion properties of the liner. The tube shall be fabricated to a size that, when installed, will tightly fit the internal circumference and the length of the original conduit. Allowance shall be made for circumferential stretching during inversion.
- 2.4.B **Resin:** a general purpose, unsaturated, styrene based, thermosetting resin and catalyst system or an epoxy resin and hardener system that is compatible with the inversion process shall be used. The resin must be able to cure in the presence of water and the initiation temperature for cure shall be less than 180 degrees F (82.2)
- 2.4.C **Finished Pipe:** The finished pipe or CIPP shall be fabricated from materials that when cured will be chemically resistant to withstand internal exposure to domestic sewage at continuous temperatures below 60 degrees C and be resistant to abrasion due to solids, grit and sand. Ensure bond between CIPP layers is strong and uniform and that layers, after curing are completely saturated with resin to create (1) homogenous layer.

2.5 Construction of CIPP

- 2.5.A **Resin Impregnation:** The tube should be vacuum-impregnated with resin (wet-out) under controlled conditions. The volume of resin should be sufficient to fill all air voids in the tube material and layers at nominal thickness and diameter. Additional allowances for the volume of resin should be made due to the change in resin volume as a result of

polymerization shrinkage and migration of resin into the cracks and joints in the original pipe wall. A roller system shall be used to uniformly distribute the resin throughout the tube.

- 2.5.B **Bypass Pumping:** If bypass pumping of the flow is required around sections of pipe designated for rehabilitation, the bypass should be made by plugging the line at a point upstream of the existing pipe to be rehabilitated and pumping the flow to a point downstream of the existing pipe. The pump and bypass lines should be of adequate capacity and size to handle the flow. Service lateral connections within this reach will be temporarily out of service. Public advisory notices will need to be provided by the Contractor to all properties where service connections will be out of commission. Such notice shall also advise against water usage during the period and shall offer specific details for the length and duration of the outage. It will ultimately be the responsibility of the Contractor to review field conditions and determine the level of effort required for successful bypass pumping in order to perform the works required by this contract.
- 2.5.C **Installation of CIPP:** the wetted out tube shall be inserted into the existing pipe through an existing manhole by means of an inversion process and the application of a hydrostatic head sufficient to extend it to the next designated manhole or termination point. Alternatively, the tube can be pulled into place and expanded by water pressure with an inflation bladder.
- 2.5.D **Curing:** After installation is complete, a suitable heat source and water circulation equipment are required to circulate heated water through the pipe. The equipment should be capable of delivering hot water throughout the section to uniformly raise the water temperature above the temperature required to effect a cure of the resin. Water temperature in the line during the curing period and its duration should be as recommended by the resin manufacturer. The heat source should be fitted with suitable monitors to gauge the temperature of the incoming and outgoing water supply. Two temperature gauges shall be placed between the tube and host pipe in the upstream and downstream manholes and at any intermediate manholes. Each of these gauges shall be monitored to determine the temperature during curing. The water temperature in the line during the curing period shall be maintained as per the resin/catalyst manufacturers recommendation. Initial cure will occur during temperature heat-up and is completed when exposed portions of the new pipe appears to be hard and sound and the remote temperature sensor indicates that the temperature should be raised to the post-cure temperature recommended by the resin manufacturer. Post-cure temperature should be held for the period as recommended by the resin manufacturer, during which time the recirculation of water and cycling of the boiler to maintain the temperature continues. The curing of the CIPP must take into account the existing pipe material, the resin system and ground conditions (temperature, moisture level, and thermal conductivity of soil).
- 2.5.E **Cool Down:** The CIPP shall be cooled to a temperature below 100 degrees

F (38 degrees C) before relieving the hydrostatic head. Cool-down may be accompanied by the introduction of cool water into the CIPP to replace water being drained from a small hole made in the downstream end.

- 2.5.F **Inflation Bladder Removal:** For pulled in place installation techniques where the inflation bladder is designed not to bond to the CIPP, all portions of the bladder material must be removed from the CIPP.
- 2.5.G **Workmanship:** The finished pipe should be continuous over the entire length of an installation run and be free of dry spots, lifts, and delamination. If these conditions are present, remove and replace the CIPP in these areas. If the CIPP does not fit tightly against the original pipe at its termination point(s), the space between the pipes should be sealed. The liner termination terminations at the manholes shall be neat and free of obstruction. If the liner fails to make a tight seal at the maintenance hole, a seal shall be applied at this point. Sealing process shall use a resin compatible with the pipe.
- 2.5.H **Final Inspection and Clean Up:** Inspect installation using closed circuit television. No infiltration ground water should be observed. All service laterals connections shall be accounted for and be unobstructed.

2.6 Reconnection of existing sewer laterals: N/A

2.6.A **Service disruptions:** Residents that are affected by the rehabilitation process shall be advised in writing on the Contractors letterhead concerning the nature and duration of any interruption in sewer or drain service 48 hours in advance of the interruption. No service disruption will be allowed without such notification. When interruption has ended, residents are advised either verbally, or in writing immediately. During the course of the rehabilitation and any associated service interruption, residents shall be kept regularly informed regarding any matters that may affect them. Where service lateral flow has been interrupted, reinstatement of the service lateral connection shall proceed urgently and with all possible speed to restore lateral flow.

3.0 BASIS OF REJECTION OF TENDER

Tenders that do not conform to the following requirements will be disqualified:

- 3.1 Tender must be legible, in ink, by typewriter or by printer.
- 3.2 Tender must be in possession of the Municipality by the closing date and time.
- 3.3 Tender must be on form provided.
- 3.4 Tender must be signed and sealed by an authorized official of the bidding organization. A joint tender must be signed and sealed by each company.
- 3.5 Tender must not be restricted or modified in any way.

4.0 SUBMITTALS

The successful bidder shall at their own expense within 10 days of notification of acceptance and prior to the commencement of work, obtain and maintain until the termination of the contract or otherwise stated, provide the Corporation with evidence of:

- 4.1 Commercial General Liability Insurance issued on an occurrence basis for an amount of not less than \$2,000,000. per occurrence / \$5,000,000 annual aggregate for any negligent acts or omissions by the contractor relating to their obligations under this Agreement. Such insurance shall include but is not limited to bodily injury and property damage including loss of use; personal injury; contractual liability; premises, property & operations; non-owned automobile; broad form property damage; owners & contractors protective; occurrence property damage; products & completed operations; employees as Additional Insured(s); contingent employers' liability; tenants' legal liability; cross liability and severability of interest clause.
- 4.2 Such insurance shall add the Corporation of the Township of North Glengarry as Additional Insured with respect to the operations of the contractor. This insurance shall be non-contributing with and apply as primary and not as excess of any insurance available to the Township. The successful contractor shall indemnify and hold the Corporation of Township of North Glengarry harmless from and against any liability, loss, claims, demands, costs and expenses, including reasonable legal fees, occasioned wholly or in part by any negligence or acts or omissions whether wilful or otherwise by the contractor, their agents, officers, employees or other persons for whom the contractor is legally responsible.
- 4.3 Automobile liability insurance with respect to owned or leased vehicles used directly or indirectly in the performance of the services covering liability for bodily injury, death and damage to property with a limit of not less than \$2,000,000, inclusive for each and every loss.

The Policies shown above shall not be cancelled unless the Insurer notifies the Township in writing at least thirty (30) days prior to the effective date of the cancellation. The insurance policy will be in a form and with a company which are, in all respects, acceptable to the Township.

- 4.4 The successful bidder shall supply with the tender also deliver proof of WSIB coverage, within ten (10) calendar days or receiving the Acceptance Notice.
- 4.5 The successful bidder will supply the Township with a copy of its health and safety manual and the Contractor is expected to conform to the manual or to the Township's manual whichever is more stringent.

PROGRESS AND TIME FOR COMPLETION

4.6 CIPP construction and associated works shall be completed by **October 1st, 2025**. If the completion date is not achievable 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 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.

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

The deadline is based on the assumption that a Notice of Award will be issued no later than June 23, 2025.

Schedule “A”

Special Provisions

These Special Provisions shall apply and be part of the Contract and shall take precedence over all Plans and Specifications pertaining to this Contract.

OPSS SPECIFICATIONS

Please note that all OPSS specifications and drawings shall apply to applicable items in this Contract unless amended in this specification section.

COMMENCEMENT AND SCHEDULING

No work shall start until the Contractor is notified by the Corporation to begin and the Corporation reserves the right to discharge the Contractor if unsatisfactory work or material is being supplied in the opinion of the Director of Public Works or designate.

ADDITIONAL WORK

Additional work to that listed may be required and it shall be paid for at the unit price for the appropriate item under the Quotation Form.

DELETION OF WORK

Deletion of work listed in the Contract may be required. Reduction to Contract value will be based on reduced quantities at the unit price for the appropriate item of the Quotation Form.

UTILITY LOCATES AND NOTIFICATION

The contractor will be responsible for all locates required on this project and all notifications required to carry out the project. This includes the Ministry of Labour Notice of Project (if required).

Schedule “B”

FORM OF TENDER

The Township reserves the right to accept or reject any or all tenders and to waive irregularities at its discretion. The Township reserves the right to accept a proposal other than the lowest price without stating the reasons. By the act of submitting its proposal, the bidder waives any right to contest, in any legal proceeding or action, the right of the Township to award the tender to whomever it chooses, and for whatever reasons the Township deems appropriate.

Sanitary Sewer Relining Program MH 50-40					
Item No.	Description	Estimated Quantity	Unit	Unit Price (\$/meter)	Cost (\$)
1	Mobilization/Demobilization	1	LS		
2	Preliminary CCTV/Reports	112	M		
3	Cleaning/root cutting and Televising Sewer	112	M		
4	Bypass Pumping	1	LS		
5	Installation 600mm CIPP	112	M		
6	Post CCTV Report	112	M		
<div style="text-align: right;"> Subtotal _____ HST (13%) _____ Total Tendered Price _____ </div>					
Hourly Rate for additional work: _____ /Hour					

Sanitary Sewer Relining Program PROVISIONAL MH 40-30

Item No.	Description	Estimated Quantity	Unit	Unit Price (\$/meter)	Cost (\$)
1	Mobilization/Demobilization	1	LS		
2	Preliminary CCTV/Reports	90	M		
3	Cleaning/root cutting and Televising Sewer	90	M		
4	Bypass Pumping	1	LS		
5	Installation 600mm CIPP	90	M		
6	Post CCTV Report	90	M		

Subtotal _____

HST (13%) _____

Total Tendered Price _____

Hourly Rate for additional work: _____ /Hour

COMPANY INFORMATION

Company Name: _____

Address: _____

Telephone: _____ **Fax:** _____

Email Address: _____

Date: _____

Name: _____ **Position:** _____

Signature: _____

“I have read and understand this tender package and I have the authority to bind the
Corporation/Company”

THE LOWEST OR ANY TENDER NOT NECESSARILY ACCEPTED.

AGREEMENT
FOR
Tender No. PW 2025-02
Sanitary Sewer Relining Program

This AGREEMENT made the _____ day of _____ 2025.

BY AND BETWEEN

THE CORPORATION OF THE TOWNSHIP OF NORTH GLENGARRY
hereinafter called the "CORPORATION" of the First Part, and

a Company duly incorporated under the laws of the Province of Ontario and having its Head Office at

in the Municipality of

hereinafter called the "CONTRACTOR" of the Second Part,

WITNESSETH that the Corporation and Contractor undertake and agrees as follow:

The Contractor shall:

1. Execute and perform the whole of the work herein mentioned with due expedition and in a thoroughly workmanlike manner, in strict accordance with the provisions of this Contract and the said Specifications and General Conditions and the plans therein referred to, and are made part of this Contract as if embodied therein, and that in the execution and performance of the said work, the said Contractor carry out, perform, observe, fulfil and abide by all the covenants, agreements, stipulations, provisos, and conditions mentioned and contained in the said specifications and fulfilled by the said Contractor to the same extent and as fully as if each of them was set out and specifically repeated herein.
2. Indemnify and keep indemnified and save harmless the said Corporation and each of its officers, servants, and agents from and against all actions, suits, claim executions and demands which may be brought against or made upon the said Corporation, its officers, servants and agents, and from all loss, costs, charges, liens, damages and expenses which may be paid, sustained or incurred by the said Corporation, its officers, servants and agents by reason of or on account of a consequence of the execution and performance of the said work or the non-execution or imperfect execution thereof or of the supply or non-supply of plan or material thereof.
3. Complete, as certified by the Contract Administrator, all work on or before October 1 ,2025.

4. The said Corporation covenants with the said Contractor that if the said work, including all extras in connection there-with shall be duly and properly executed as aforesaid, and if the said Contractor shall carry out, perform, observe, fulfill, keep and abide by all the covenants, agreements, stipulation provisions, terms and conditions of this Contract, the said Corporation will pay the said Contractor therefore the contract price mentioned in said tender (which is to apply to all extras of the character specified in the schedule of rates forming part of the said tender), such payment to be made in the manner and subject to the drawbacks, and liquidated damages mentioned in the said Special General Conditions upon estimates or certificates signed by the Township Official issued in accordance with Section GC8.02 of the General Conditions incorporated with and made part of this Contract, PROVIDED, that no money shall become due or be payable under this Contract unless and until an estimate or certificate therefore shall have been signed by the said Contractor as herein proved, the possession of which is hereby made a condition precedent to the right of the Contractor to be paid or to maintain any action for such money or for any part thereof, PROVIDED that the said Corporation shall not be liable or compelled to pay for any extras or additional work not included in this Contract, except only in the manner and as provided for herein, PROVIDED ALSO, that the said Corporation shall not be liable or compelled to grant or issue any estimate or certificate for work rejected or condemned by the said Contractor or to pay any money therefore until the work so rejected or condemned has been replaced by new material and workmanship, to the written satisfaction of the said Contractor and it is hereby expressly provided that the granting of any estimate or certificate, or the payment of any monies thereunder, shall not be construed as an acceptance of any bad or defective work or material, to which the same relates, or as an admission of liability to pay any monies in respect thereof, and shall not in any manner lessen the liability of the Contractor to replace such work or material although the condition of the same may not have been known to, or discovered by the said Contractor at the time such estimate or certificate was granted or monies paid thereon.
5. It is understood and agreed between the parties hereto as follows: That this agreement and the covenants and conditions herein, and in the said General Conditions contained shall extend to and be binding upon the heirs, executors, administrators, successors, and assigns, of the said Contractor and the said Corporation respectively.
6. And it is further understood and agreed between parties that the Contract Administrator has the authority granted by Council to fully administer all aspects of this Contract, up to and including termination, in accordance with the contract provisions.

IN WITNESS WHEREOF the Contractor and the Corporation have hereto affixed their corporate seals duly attested by the hands of their proper signing officers in that behalf on the day first above written.

<hr/>	
Contractor (Company/Firm)	
<hr/>	
Signing Officer for Contractor	
Name:	<hr/>
Title:	<hr/>
<i>I have authority to bind the corporation.</i>	

The Corporation of the Township of North Glengarry	
<hr/>	
Mayor – Jamie MacDonald	
<hr/>	
CAO/Clerk – Sarah Huskinson	
<i>We have the authority to bind the corporation.</i>	

<i>SIGNED, SEALED AND DELIVERED</i>	
<i>In the presence of</i>	
<hr/>	
<i>Witness</i>	
<i>(required if not registered Ontario corporate company)</i>	

