



SEALED TENDERS FOR CULVERT RELINE WILL BE RECEIVED BY:

The Corporation of the Municipality of Powassan
250 Clark Street, PO Box 250
POWASSAN, ON, P0H 1Z0

TENDER NUMBER: 2025-007

CULVERT RELINE

**SEALED TENDERS WILL BE
RECEIVED BY:**

Attention: Treasurer
250 Clark Street
POWASSAN, ON, P0H 1Z0

TENDER CLOSING DATE AND TIME: 10:00 A.M LOCAL TIME July 24, 2025

TENDER OPENING TIME: 10:15 A.M LOCAL TIME July 24, 2025
To be awarded at the council meeting of
July 29, 2025

TENDER FOR: Supplying and installing an HDPE liner, into
an existing CSP culvert.

**This complete tender package must be submitted in a sealed envelope, clearly
marked "Culvert Reline Tender: 2025-007"**

LOWEST OR ANY TENDER NOT NECESSARILY ACCEPTED

Location Of Work:

The location of work is to be: Municipality of Powassan, on Hunt Line 0.12km E of Genesee Lake Road. The culvert is 18.8m in length and was originally a 3.4m Dia. road culvert, now having a restricted width of 2.9m.

Schedule of Contract Documents:

1. The following information for bidders
2. The following Special Provisions
3. Bid Form
4. Required Statements
5. Standards OPSS.MUNI 100 (These forms are not attached hereto)
6. Appendix A: Key Map
7. Appendix B: Picture of Culvert
8. Drawing attached

General Information:

All inquiries concerning the tender, prior to tender closing shall be directed to:

Antoine C. Boucher, Acting Public Works Engineer
Municipality of Powassan
250 Clark Street, Powassan ON P0H 1Z0
Telephone 705-471-7729
Email: antoine.boucher@eastferris.ca

For the purposes of this document, a company performing work for the Municipality of Powassan, will hereby be referred to as a "Contractor".

The Contractor will submit their sealed Tenders by traditional mail/drop-off at the previously stated Municipal building before Tender closure.

A Contractor may amend their Tender at any time prior to the set closing date/time by submitting a signed and sealed amendment. No amendments will be accepted post Tender closure. A Tender may be voided by superseding it with a later Tender or letter of withdrawal, prior to the closing date and time.

Any and all Tenders that are received after the Tender closing date/time, will be rejected by the Municipality. Any and all unsigned Tenders will be deemed unacceptable and will be rejected by the Municipality.

Notification of Acceptance of Tender will be by telephone and written form of notice, to the address of the Contractor used on the bid forms. The Date of Acceptance shall be deemed to be the date the Contractor receives the Notification of Acceptance.

Project Details:

The work shall consist of the supply, delivery and installation of a 2.7mm O.D (Outside diameter) HDPE liner into the existing 3.4m CSP having a restricted opening of 2.9m on Hunt Line near Genesee Lake Road, in the Municipality of Powassan. HDPE liner shall be Weholite RSC 250 HDPE (or equivalent), and shall have a manning's coefficient of roughness of no greater than $n=0.01$.

To be completed as soon as possible, but no later than October 30, 2025

For the unit price bid, the Contractor shall perform his/her work in such a way to cause the least possible inconvenience to the travelling public and shall provide all necessary warning signs and flagmen or other protective and/or warning devices as required by Ontario Traffic Manual-Book 7.

The work shall be completed during daylight hours only.

For the unit price bid, the Contractor shall supply all materials, labour, tools, blocking and jacking, equipment, environmental protection, and all other things necessary to complete the work in accordance with these contract documents and to the satisfaction of the Municipal Public Works Engineer or his representative.

Measurement for payment shall be a lump sum for the culvert liner installation.

Performance Evaluation:

Failure to execute the contract in a competent and timely manner will result in the disqualification of the bidder from bidding on the Municipality of Powassan's contracts for a period of two (2) years.

Special Provisions:

Culvert liner shall be Weholite RSC 250 HDPE (High Density Polyethylene) piping (or equivalent), of smooth wall construction on the inside of the pipe, and shall be 2.7m O.D. The culvert liner shall protrude a minimum of 500mm past the existing CSP (Corrugated Steel Pipe) culvert at each end.

Culvert liner shall be inserted into existing CSP. Bulkheads will be constructed at both ends of the structures. The bulkheads will be constructed with a combination of watertight gaskets, concrete backer rods and 100mm of dry pack concrete. The construction of the bulkheads, excluding the concrete facing, will extend from the end of the structure inward for 500mm. This zone will eventually be covered with the concrete facing, upon completion of the grouting.

The contractor shall insert PVC tubes into each end cap (at CSP obvert), which will be used to pump the cellular grout into the cavity between CSP and liner. The contractor shall pump this material from the downstream end, and shall stop pumping when material flows through PVC pipe at upstream obvert. Once cellular grout is hardened to a sufficient compressive strength, the Contractor shall cut the PVC pipes flush to concrete end caps. Pumping may be done in stages.

Please note that the cost of cellular grout, and all other materials and equipment necessary to complete culvert liner, shall be included in the unit item cost. No additional funds shall be released

to the Contractor for his/her failure to include these costs.

The Contractor understands that the insert shall be done in live water (approximately half pipe), and that the space between the host and the liner shall be prepped in advance of the grouting work.

Testing:

The Contractor shall provide the Public Works Engineer with the cellular grout mix design, and estimated compressive strength test (in MPa) of mix design, prior to commencement of culvert relining. Cellular grout shall have a minimum 1MPa 28day compressive strength. The Contractor shall test the compressive strength of cellular grout (at his/her own expense), and shall provide the Public Works Engineer with the 7-day and 28-day compressive strength results.

Environmental Protection:

The contractor shall conduct work in such a way, as to least disturb aquatic life/habitat understanding this will be done in a live stream condition of approximately 1.5m.

Liability/Indemnification:

The Contractor shall indemnify the Municipality, its officers, employees and agents from all claims, demands, actions, or other proceedings initiated by others arising out of or attributable to anything done, or omitted to be done by the Contractor, its officers, employees or agents in connection with the services performed or required to be performed under this Contract.

Liability/Insurance:

The Contractor shall maintain a policy of motor vehicle liability insurance for both owned and non-owned licensed vehicles having limits of not less than \$5,000,000.00 inclusive per occurrence for bodily injury, death, and damage to property.

The Contractor shall maintain a policy of general liability insurance having limits of not less than \$5,000,000.00 inclusive per occurrence for bodily injury, death, and damage to property.

The general liability policy shall include the Municipality as an additional insured, but only in respect of and for the duration of the services to be performed under this contract and shall contain a cross liability clause endorsement.

The Contractor shall provide proof of valid WSIB coverage.

Prior to the beginning of the Contract the Contractor must provide proof of insurance (certificate of insurance or certified copy of policy) to the Clerk of the Municipality.

POLICY NO.: _____ INSURANCE CO.: _____
AMOUNT: _____ EXPIRY DATE: _____

Required Completion Date:

The scope of work is to be completed as soon as possible, but no later than October 30, 2025 (the 'Required Completion Date').

The Contractor agrees to pay the Municipality, as liquidated damages, the amount of two hundred fifty dollars (\$250.00) per day for each calendar day beyond the Required Completion Date that the project is not completed to the satisfaction of the Municipality, in its sole discretion.

Contractors Ability To Perform Work:

The Contractor is required to complete the following statements, and is required to include the said statements using the space provided or similar documentation provided by the Contractor in their Tender submission.

Statement A: The Contractor must state contracts and/or experience in successfully performing similar projects.

Statement B: The Contractor must list all senior supervisory staff to be used during the completion of the contract, and the relative experience of each listed staff member.

Statement C: Give the list and cost value of all work performed by sub-contractors.

Motor Vehicles and Excess Loading:

The Contractor is responsible for having and maintaining a valid CVOR (Commercial Vehicle Operator's Registration) certificate throughout the duration of this contract.

Where a vehicle is hauling materials for use on the work under the contract, in whole or in part upon a public highway and where motor vehicle registrations is required for such vehicle, the Contractor shall not cause or permit such vehicles to be loaded beyond the legal limit as specified in the Highway Traffic Act, whether such vehicle is registered in the name of the Contractor or otherwise, except where there are designated areas in the contract where overloading is permitted. The Contractor shall bear the onus of weighing disputed loads.

Bidder Deposit:

Bidders are required to deposit a certified cheque, payable to the Corporation of the Municipality of Powassan, for 5% of the total bid price. Unsuccessful bidders' cheques will be returned upon award of the contract and the successful bidder's cheque will be returned when all required documentation is received to the satisfaction of the Public Works Engineer.

Health & Safety:

All work performed under this Contract must be carried out in accordance with the Municipality's Health and Safety Policy and any federal and provincial health and safety legislation and regulations. Failure to comply with this condition will be considered a breach of contract.

Contingency:

This item is to be left to the discretion of the Municipal Engineer or Public Works Foreman and may only be partially used.

The Contractor shall include the full amount of this item in his total bid cost and include the full HST on that amount as well as included in the Bid Form Table.

The Contractor is to provide hourly rates for his equipment and manpower, i.e.: Excavator, laborer, as the Municipality may include some additional work more specifically intended to improve the embankment at the inlet control of the new relined culvert.

Some of the intended work will consist in the placement of rocks and alteration or improvement of the existing sheet piles as shown in the attached site pictures. Directives will be provided on-site in advance of this work.

Bid Form:

The Contractor has carefully examined the conditions and specifications attached and referred to in this contract, and has carefully examined the site and work location and understands and accepts the said conditions and specifications, and for the prices set forth in this quote, hereby offers to furnish all labour, equipment and materials, except as otherwise specified in the contract, to complete the work in strict accordance with said conditions and specifications for the sum provided in the table below:

Item	Spec	Description	Unit	Quantity	Unit Bid Price	Total Bid
1	S.P.	Supply, install, and grout HDPE culvert liner	Lump Sum	1	\$	\$
2	S.P.	Contingency	L.S.	1	\$ 10,000	\$ 10,000
					HST	\$
					Total Bid	\$

Existing culvert diameter is restricted to 2.9m diameter CSP-approximately 18.85 meters long

I/We (the Contractor) promise that: I/we are over the age of 18, are of right mind, are not under the influence of alcohol or controlled substances, wish to enter into a legally binding contract with the Municipality of Powassan, and agree to perform the work without undue delay to ensure that work is completed as specified by the above stated Tender no later than: OCTOBER 30, 2025

Name of Individual or Firm _____

hereinafter referred to as the

"Contractor" (Print)

Address:

Authorized Signature _____

Title _____

Date _____

Witness or Firm Seal _____

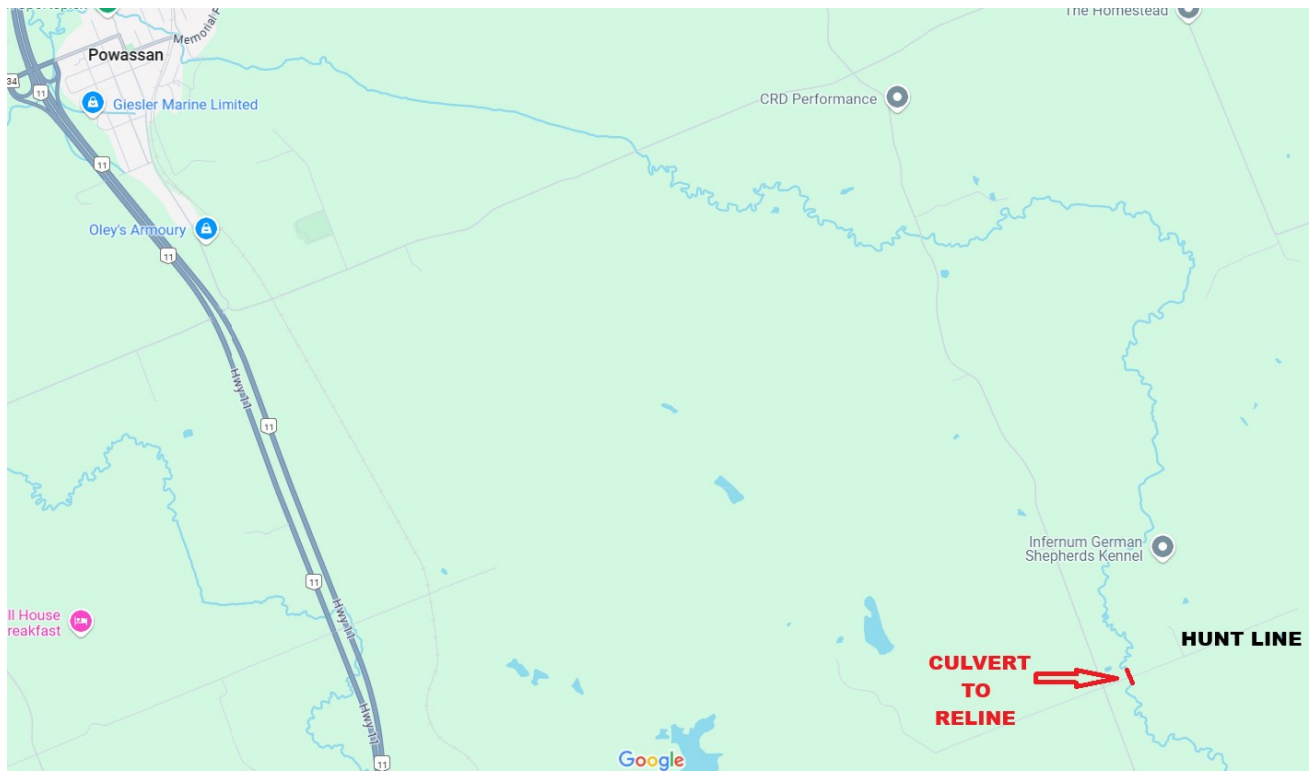
Required Statements:

Statement A – Contractor’s Experience for Reference:

Statement B – Senior Supervisors and Experience:

Statement C – List of Sub-Contractors:

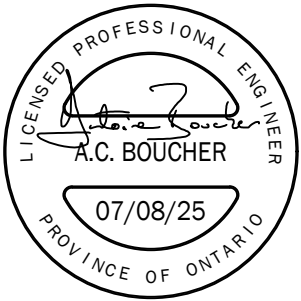
Appendix A: Key Map



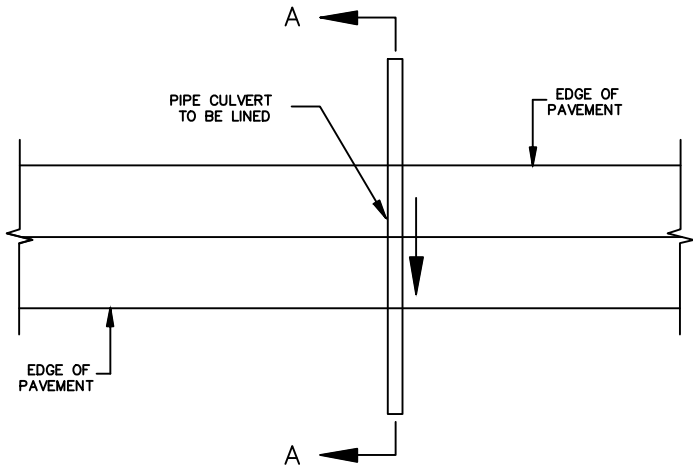
Appendix B: Picture of Culvert



METRIC

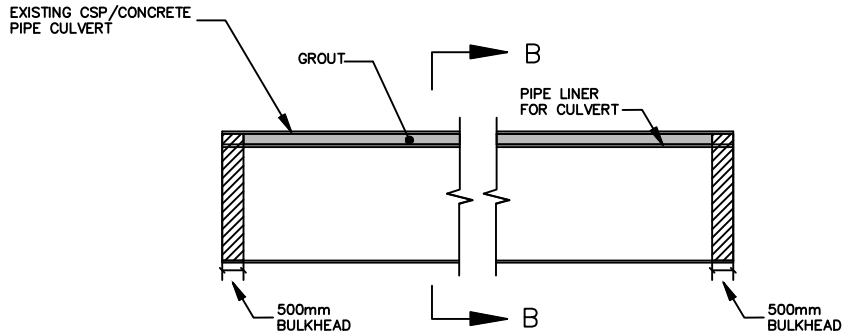


CONTRACT No. HUNT LINE		1
MUNICIPALITY OF POWASSAN		
PIPE LINER DETAILS		SHEET
		REV. 0

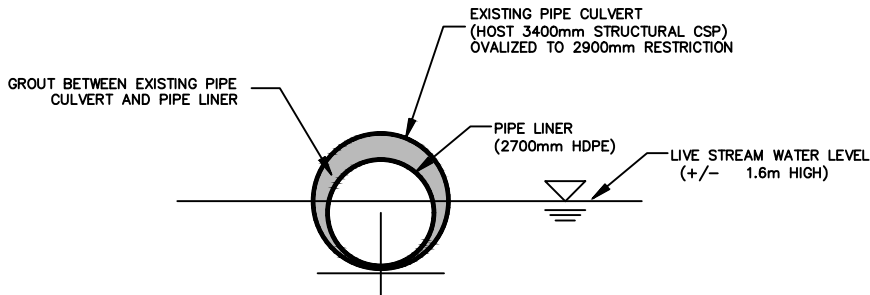


CULVERT LINING – PLAN
N.T.S.

CULVERT ID / TWP	EXISTING DIAMETER (mm)	LINER DIAMETER ID (mm)	LINER DIAMETER OD (mm)	PIPE LINER DESCRIPTION	LENGTH (m)	THEORETICAL GROUT VOLUME (m³)
HUNT LINE	3400	---	2700	Weholite RSC 250 HDPE	19.0	64



SECTION A-A
N.T.S.



SECTION B-B
CIRCULAR AND OVAL
CULVERT LINING
N.T.S.

- NOTES:
- ALL DIMENSIONS SHOWN IN MILLIMETERS UNLESS SPECIFIED OTHERWISE.
 - THE PIPE LINER TO BE INSTALLED WILL BE A HDPE RSC 250 LINER BY WEHOLITE AS DESCRIBED IN THE ABOVE TABLE.
 - CONCRETE BULKHEADS TO BE CONSTRUCTED OF MASSED CONCRETE AND TO EXTEND INWARD 450 MM TO 900 MM AT EACH END.
 - GROUT TO BE CELLULAR GROUT AS PER PIPE MFG RECOMMENDATIONS.
 - LINER PIPE TO BE BLOCKED, WHERE REQUIRED. TO MAINTAIN A CONSISTENT INVERT THROUGHOUT THE LENGTH OF THE LINED CULVERT.