

## **QUOTATION – DRAIN MAINTENANCE OF KERSHAW DRAIN**

### **SCOPE OF WORK:**

- Brushing and tree removal along approximately 2423 meters of the Kershaw Drain (one side)
- Excavation of sediment along approximately 2424 meters, working from either side of the drain, generally spoils to be placed on the low side of the drain
- Removal of sediment from the piped and concrete access culverts, farm bridges and road culverts. Clean under Parkhouse Drive and Mayfair Road
- NOTE: It is not intended to remove undisturbed soil at any location

The above shall include all appurtenances and all necessary work required to complete the work to the satisfaction of the Drainage Superintendent.

**Works to begin fall/winter 2024 (once crops are off).**

### **GENERAL:**

1. Each invited contractor must inspect the site prior to submitting their quote and satisfy themselves by personal examination as to the local conditions that may be encountered during this project. They shall make allowances in their quote for any difficulties that may be encountered. The quantities and information supplied by the Municipality are not guaranteed and are for reference only. Plan and profile from applicable engineer's report are available upon request and will be supplied to the successful bidder. Contractor is expected to adhere to plan and grade as per report.
2. The contractor shall be responsible to notify any and all affected utilities, railways and pipeline companies and shall carry out all directions of the affected utility necessary to protect their installations. Under no circumstances will the Municipality of Southwest Middlesex become involved in any notification of any utility, railway and pipeline company.
3. Contractor will be responsible for all float moves required. At no time will operators be allowed to "track" along road property without express permission of the applicable road authority.
4. The contractor shall be responsible to contact all affected owners along the course of the drain a minimum **of 7 days prior to commencement of work**, regarding the location of the tile drain outlets to prevent damage to same and details of his proposed schedule of operations. Any located tile drain outlets damaged by the contractor shall be repaired by the contractor at the expense of the contractor. All repairs shall be to the satisfaction of the Drainage Superintendent or her representative. The contractor shall contact Andrew Neely

at (519-287-2015) three working days prior to commencing work to arrange for inspection.

5. The successful contractor shall provide the Municipality of Southwest Middlesex with proof of minimum liability insurance coverage of \$1 million, and shall confirm that the insurance coverage shall be maintained until completion of the work.
6. The successful contractor shall provide the Municipality of Southwest Middlesex with proof of Workmen's Compensation and Unemployment Insurance coverage, and shall maintain such coverage until completion of the work.
7. The successful contractor will be required to sign a HOLD HARMLESS AGREEMENT protecting the Municipality of Southwest Middlesex and its employees from any loss whatsoever, in connection with the contract.
8. The work shall be guaranteed against defects due to material or workmanship for a period of one year after acceptance.
9. The quotation will be valid and binding for a period of 60 days from the closing quotation date.
10. Lowest or any quote not necessarily accepted.

### **HEALTH AND SAFETY:**

The Contractor shall be responsible for:

- the health and safety on the worksite including ensuring that all employees wear suitable personal protective equipment including safety boots and hard hats.
- the traffic control as per the Ontario Traffic Manual Book 7-Temporary Conditions when working on public road allowances. A copy of a traffic control plan shall be kept on site at all times. The contractor shall maintain suitable barricades, warning lights, and temporary traffic notices, at his expense, in their proper position to protect the public both day and night. Flagmen are the responsibility of the contractor when working on the road allowance and when entering or exiting a worksite onto a roadway.
- ensuring that all procedures are followed under the Occupational Health and Safety Act to ensure that work sites are safe and that accidents are prevented. In the event of a serious or recurring problem, a notice of non-compliance will be issued. The contractor will be responsible for reacting immediately to any deficiency and correcting any potential health and safety risk. Continuous disregard for any requirement of the Occupational Health and Safety Act could

be caused for the issuance of a stop work order or even termination of the contract.

- ensuring that only competent workers are employed on site and that appropriate training and certification is supplied to all their employees.

### **ENVIRONMENTAL CONSIDERATIONS:**

The contractor shall take care and adhere to the following considerations.

- All excavated and stockpiled material shall be placed a minimum of 3.0 metres from the top of the bank. Material shall not be placed in surface water runs or open inlets that enter the channel.
- All granular and erosion control materials shall be stockpiled a minimum of 3.0 metres from the top of the bank. Material shall not be placed in surface water runs or open inlets that enter the channel.
- All activities, including maintenance procedures, shall be controlled to prevent the entry of petroleum products, debris, rubble, concrete, or other deleterious substances into the water. Vehicle and equipment refueling and maintenance shall be conducted away from the channel, any surface water runs, or open inlets. All waste materials shall be stockpiled well back from the top of the bank and all surface water runs and open inlets that enter the drain.
- All construction in the channel shall be carried out during periods of low flow. Silt fence shall be installed downstream of the proposed work and inspected daily for the duration of the construction.
- Where riparian and bank vegetation has been removed, the contractor shall re-establish vegetation (via seeding with an approved grass mixture). Seeding shall be applied within 24 hours of the banks being disturbed while the soil is still moist OR if not practical at a later date within the optimum grass and legume seed germination period.

### **BRUSH AND TREE REMOVAL:**

- Brush and tree removal shall be carried out as follows:
  - a) Within the channel (bottom and one side slope);
  - b) Along the side of the channel from which excavation operations are being carried out from the top of the bank for a distance of 6 metres;
  - c) Along the side of the channel opposite to the side from which excavation operations are, being carried out from the top of the bank for a distance of 3 metres. Through bushlands the opposite side width shall be decreased to 1.0 metres;
  - d) Healthy, mature trees along the side channel and top of bank with a diameter of an excess of 40 cm shall not be removed if at all possible.
  - e) Across improved areas the Superintendent will designate any trees to be removed.
- Large trees shall be removed to GROUND LEVEL and the timber debris shall be bulldozed and piled at 150-metre intervals across farmlands.

*NOTE: as per SWM Open Burning Bylaw#75/2001 all brush piles with the intent to burn shall be confined to an area at least 150 feet (45 metres) from any building, highway or wood area*

- The timber debris across improved lands and road crossings shall be hauled to the abutting farmlands and piled as set out.

### **EXCAVATION AND DISPOSAL:**

- Grade will be established using a laser level to determine the grade line between culvert inverts. A 10% embedment must be used when calculating the slope. This slope will be compared to the most recent engineer report and discussed with the Drainage Superintendent prior to any excavation work.
- Excavation and disposal operations shall be carried out on the side of the drain designated by the Drainage Superintendent.
- The excavated sediment shall be at least 1.5 metres clear from the top of the drain and shall be spread back and leveled to a depth of 150 millimetres across farmlands.
- All sediment from piped and concrete access culverts, farm bridges and road culverts shall be disposed of equally to abutting farmlands and leveled as described herein.
- The depth of the excavated sediment through bush and wasteland lands shall be increased to 450 millimetres.
- An area sufficient in width to accommodate the excavated sediment shall be cleared and grubbed prior to leveling operation and no timber debris shall be covered with excavated sediment.
- All concrete, rubble or other debris unfit for placing on farmlands shall be disposed of off site in a location arranged for by the contractor.



## MUNICIPALITY OF SOUTHWEST MIDDLESEX QUOTATION

Re: **Kershaw Drain Maintenance**

Quotation Closing Date: **May 13, 2024 1:00 p.m.**

*Lowest or any quote not necessarily accepted.*

The undersigned, having carefully examined the scope of work, plans and specifications and location of the work, and understanding all conditions, hereby offers to enter into a contract to do the said work for the said municipality, complete and ready to use in accordance with the above which form the basis of this proposal for the following prices:

Contractor to supply all labour, equipment, and material.

### SCHEDULE OF PRICES

Lump Sum Quote	1)	\$ _____
13% HST	2)	\$ _____
<b>TOTAL (Lines 1 + 2)</b>	3)	\$ _____

Work will begin on or before.....

Work will be completed on or before .....

The Contractor shall fill in the above starting and completion date. Failure to do so may render the quotation invalid and subject to rejection by the Municipality.

If the lowest bid does not exceed Purchasing Policy Thresholds, the terms below may not apply. Approval does not need to go to council, CAO-Clerk can directly award project.

**OFFERED ON BEHALF OF THE CONTRACTOR**

**ACCEPTED ON BEHALF OF THE MUNICIPALITY**

Name .....

Mayor.....

Address .....

Clerk.....

.....

Date.....

Telephone.....

Date.....

This quotation, when signed and completely filled in by both the Contractor and the Municipality, shall constitute a formal contract.

