

The Corporation of the Municipality of Brockton



By-Law 2019-113

Being a By-Law to Accept a Tender from Robinson Farm Drainage Limited for the Construction of the Van Nes Municipal Drain for the Municipality of Brockton.

Whereas the Council for the Corporation of the Municipality of Brockton Council deems it expedient to accept a tender from Robinson Farm Drainage Limited for the construction of the Van Nes Municipal Drain for the Municipality of Brockton;

Now Therefore the Council of the Corporation of the Municipality of Brockton enacts as follows;

- 1.0 That the Council of the Corporation of the Municipality of Brockton hereby accepts the Tender of Robinson Farm Drainage Limited in the amount of \$70,854.39 for the construction of the Van Nes Municipal Drain as described in the attached Schedule "A" to this By-Law.
- 2.0 That the Mayor and Clerk are hereby authorized to sign on behalf of the Council for The Corporation of the Municipality of Brockton, any contracts and other documents required to authorize such purchase to proceed, and to affix the corporate seal of the Municipality of Brockton.
- 3.0 This By-Law shall come into full force and effect upon final passage.
- 4.0 This By-Law may be cited as the "Van Nes Municipal Drain Tender Acceptance By-Law".

Read, Enacted, Signed and Sealed this 24th day of September, 2019.

Mayor – Chris Peabody

Clerk – Fiona Hamilton



FORM OF TENDER AND AGREEMENT

TO: Members of Municipal Council
RE: Construction of the Van Nes Municipal Drain 2019

The undersigned, having carefully examined the Plan, Profile, Specifications and the site of the work, and understanding all conditions, hereby offers to enter into a Contract to supply all materials and to construct the said work for the Municipality complete and ready for use in accordance with the Plan, Profile and Specifications on file at the office of the Engineer, which Drawings and Specifications form the basis of the proposal for the following prices.

To Wit:

Total Construction Costs	\$ 62,703 ⁰⁰
13% H.S.T.	\$ 8,151 ³⁹
Total Tender	
Van Nes Municipal Drain 2019	\$ 70,854 ³⁹

NOTES:

A Certified cheque is required as Tender security in the amount of \$5,600.00 payable to the Municipality and a copy of the Scope of Work are enclosed.

Work will begin on or before August 1, 2020

Work will be completed on or before November 1, 2020

The Contractor shall fill in the above starting and completion dates. Failure to do so will render the Tender liable for rejection by the Municipality.

OFFERED ON BEHALF OF THE CONTRACTOR

Company Robinson Farm Drainage Limited

Authorized Signature Thomson Robinson

Address 34834 Cassidy Road Ailsa Craig

Ontario N0M 1A0

Telephone (519) 293-3645 Date Sept. 11 2019

ACCEPTED ON BEHALF OF THE MUNICIPALITY

Mayor _____

Clerk _____

Date _____

[Seal]

This proposal or Form of Tender and Agreement when signed and offered by the Contractor shall constitute a formal and binding Contract when accepted and signed on behalf of the Municipality.

SCOPE OF WORK

Reference No. 1846

LABOUR, EQUIPMENT AND MATERIALS

Description	Estimated Quantity	\$/Unit	Total
A) Main Drain (Open)			
1 Clearing, brushing and mulching	l.s.		\$ 1,000 ⁰⁰
2 Excavation for plunge pool (approx. 60m ³)	l.s.		\$ 500 ⁰⁰
3 Levelling of excavated material	l.s.		\$ 500 ⁰⁰
4 Construct quarry stone rip-rap lined plunge pool at Sta. 0+232 including geotextile filter material (Mirafi 180N or approved equivalent) (approx. 30m ²)	l.s.		\$ 3,000 ⁰⁰
Total Construction Costs			
Main Drain (Open)			\$ 5,000 ⁰⁰ ✓
B) Main Drain (Closed)			
1 Stripping, stockpiling and leveling of topsoil, 10 metre width (Sta. 0+264 to Sta. 0+593)	329 m	\$ 7.00	\$ 2,303 ⁰⁰
2 Supply 750mm diameter HDPE pipe (320kPa) Installation by means of excavator on 19mm crushed clear stone bedding (Sta. 0+232 to Sta. 0+244)	12 m	\$ 175 ⁰⁰	\$ 2,100 ⁰⁰
	12 m	\$ 100 ⁰⁰	\$ 1,200 ⁰⁰
3 Supply 525mm diameter HDPE pipe (320kPa) (perforated with filter sock) Installation by means of excavator on 19mm crushed clear stone bedding (Sta. 0+264 to Sta. 0+270)	6 m	\$ 80 ⁰⁰	\$ 480 ⁰⁰
	6 m	\$ 90 ⁰⁰	\$ 540 ⁰⁰
4 Supply 525mm diameter concrete field tile Installation by means of wheel trencher or by hydraulic excavator on 19mm crushed clear stone bedding (Sta. 0+270 to Sta. 0+500)	230 m	\$ 31 ⁰⁰	\$ 7,130 ⁰⁰
	230 m	\$ 78 ⁰⁰	\$ 17,940 ⁰⁰
5 Supply 350mm diameter concrete field tile Installation by means of wheel trencher or by hydraulic excavator on 19mm crushed clear stone bedding (Sta. 0+500 to Sta. 0+593)	93 m	\$ 17 ⁰⁰	\$ 1,581 ⁰⁰
	93 m	\$ 78 ⁰⁰	\$ 7,254 ⁰⁰



Description	Estimated Quantity	\$/Unit	Total
6 Supply and install 525mm diameter HDPE pipe 45 degree elbow at Sta. 0+264	1 ea.	\$ 350 ⁰⁰	\$ 350 ⁰⁰
7 Supply and install 600mm X 600mm concrete ditch inlet catch basin at Sta. 0+593 (inline type) including earth berm & rip-rap spillway	1 ea.	\$ 3,000 ⁰⁰	\$ 3,000 ⁰⁰
8 Supply and install 900mm X 1200mm concrete junction box at Sta. 0+500	1 ea.	\$ 1,600 ⁰⁰	\$ 1,600 ⁰⁰
Sub-Total			\$
9 Work to be done on the Municipality of Brockton Road Allowance, Concession Road 16 (Sta. 0+244 to Sta. 0+264)			
a) Supply 750mm diameter CSA B182.8 Storm Sewer HDPE pipe (320kPa)	20 m	\$ 150 ⁰⁰	\$ 3,000 ⁰⁰
Installation of 750mm diameter HDPE pipe with rodent grate including granular base and backfill (open cut method) (Sta. 0+244 to Sta. 0+264)	I.S.		\$ 6,000 ⁰⁰
b) Supply and install 900mm X 1200mm concrete ditch inlet catch basin at Sta. 0+264	1 ea.	\$ 2,400 ⁰⁰	\$ 2,400 ⁰⁰
Sub-Total			\$ 11,400 ⁰⁰
Total Construction Costs Main Drain (Closed)			\$

Description	Estimated Quantity	\$/Unit	Total
C) Provisional Items			
<u>Provisional Items</u>			
A Provisional Item is an item that may or may not be required as a part of the Contract. The decision as to whether a Provisional Item will form part of the Contract will be at the discretion of the engineer at time of construction. Payment for Provisional Items will only be made for work authorized in writing (text or email) by the Engineer. Payment for work performed under a Provisional Item shall be based on the Unit Price bid in the Scope of Work below.			
1 <u>Additional</u> costs associated with installation of tile drain on 19mm diameter crushed clear stone bedding. This includes the supply and placement of all stone, labour and equipment required for installation in accordance with the details on Drawing 2 of 2.			
a) 350mm diameter concrete tile			
300mm depth of stone bedding and backfill up to the haunches (bedding wrapped in geo-textile filter material)	25 m	\$ 15 ⁰⁰	\$ 375 ⁰⁰
b) 525mm diameter concrete tile			
300mm depth of stone bedding and backfill up to the haunches (bedding wrapped in geo-textile filter material)	25 m	\$ 18 ⁰⁰	\$ 450 ⁰⁰
2 Wheel machine lift outs due to stony conditions	2 ea.	\$ 0	\$ 0
Total Provisional Items			\$ 825⁰⁰
TOTAL CONSTRUCTION COSTS			
VAN NES MUNICIPAL DRAIN 2019			\$ 62,703⁰⁰
Summary of Construction Costs			
A) Total Construction Costs - Main Drain (Open)			\$ 5,000 ⁰⁰
B) Total Construction Costs - Main Drain (Closed)			\$ 56,878 ⁰⁰
C) Provisional Items			\$ 825 ⁰⁰
TOTAL CONSTRUCTION COSTS			
VAN NES MUNICIPAL DRAIN 2019			\$ 62,703⁰⁰