

B. M. ROSS AND ASSOCIATES LIMITED
Engineers and Planners
62 North Street, Goderich, ON N7A 2T4
p. (519) 524-2641 • f. (519) 524-4403
www.bmross.net

File No. 19144

VIA EMAIL ONLY

June 12, 2020

Gregg Furtney, Director of Operations
Municipality of Brockton
100 Scott Street, Box 68
Walkerton, ON N0G 2V0

RE: McGivern Street Reconstruction

Tenders were received on Monday, June 8, 2020 and opened on Friday, June 12, 2020 for the McGivern Street Reconstruction project, as summarized by the following table:

Tenderer	Tendered Amount (incl 13% HST)
Kurtis Smith Excavating	\$1,478,040.00
Moorefield Excavating	\$1,527,802.66

Both tenders were checked and found to be mathematically correct. Both tenders were properly signed and submitted with the specified tender deposit and Agreement to Bond. Three addenda were issued during the tendering period and both bidders acknowledged their receipt.

Since the lowest tender is acceptable contractually, and the tenderer is experienced in road reconstruction and infrastructure replacement projects, further analysis is limited to the lowest bid. We therefore recommend that this contract be awarded to Kurtis Smith Excavating for the total tender sum of \$1,478,040.00.

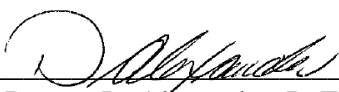
Please retain the tender deposit from both bidders until the contracts are formally signed.

Attached is a summary of the tender submissions.

Should you have any questions, please contact the undersigned.

Yours very truly,

B. M. ROSS AND ASSOCIATES LIMITED

Per 
Darren L. Alexander, P. Eng.

DLA:hv

**McGivern Street Reconstruction
Tender Review**

Item	Description	Qty./Unit	Kurtis Smith		Moorefield	
			Price	Amount	Price	Amount
<u>PART 1 - 2020</u>						
<u>ROADWORK</u>						
1	Earth excavation	4000 m ³	\$ 9.00	\$ 36,000.00	\$ 24.00	\$ 96,000.00
2	Dust suppressants and compaction					
	a) Water	720 m ³	\$ 6.00	\$ 4,320.00	\$ 14.00	\$ 10,080.00
	b) Calcium chloride solid	3.7 t	\$ 200.00	\$ 740.00	\$ 1,450.00	\$ 5,365.00
3	Granular A	2900 t	\$ 13.00	\$ 37,700.00	\$ 13.85	\$ 40,165.00
4	Granular B Type I	4300 t	\$ 10.65	\$ 45,795.00	\$ 11.35	\$ 48,805.00
5	Hot Mix Asphalt					
	a) Hot Mix HL-3 (Yonge Street)	60 t	\$ 195.00	\$ 11,700.00	\$ 235.00	\$ 14,100.00
	b) Hot Mix HL-4	660 t	\$ 122.00	\$ 80,520.00	\$ 130.00	\$ 85,800.00
	c) Hot Mix Miscellaneous (50 mm)	80 m ²	\$ 38.00	\$ 3,040.00	\$ 38.25	\$ 3,060.00
	d) Hot Mix Miscellaneous (100 mm)	380 m ²	\$ 54.00	\$ 20,520.00	\$ 55.50	\$ 21,090.00
6	Restoring roadway surfaces	500 m ²	\$ 4.00	\$ 2,000.00	\$ 4.25	\$ 2,125.00
7	Removal of bituminous pavement (outside excavation)					
	a) Driveways, blvds, watermain trench	740 m ²	\$ 2.00	\$ 1,480.00	\$ 10.25	\$ 7,585.00
	b) Yonge Street intersection	500 m ²	\$ 4.00	\$ 2,000.00	\$ 9.25	\$ 4,625.00
8	N/A					
9	Adjust existing maintenance holes and catch basins	1 Ea.	\$ 350.00	\$ 350.00	\$ 765.00	\$ 765.00
10	Supply maintenance hole covers and/or catch basin frame and grates	1 Ea.	\$ 550.00	\$ 550.00	\$ 310.00	\$ 310.00
11	Removal of existing maintenance holes and catch basins					
	a) Maintenance holes	5 Ea.	\$ 400.00	\$ 2,000.00	\$ 250.00	\$ 1,250.00
	b) Catch basins	6 Ea.	\$ 250.00	\$ 1,500.00	\$ 250.00	\$ 1,500.00
12	Removal of concrete curb and gutter	210 m	\$ 10.00	\$ 2,100.00	\$ 12.75	\$ 2,677.50
13	Concrete curb and gutter systems (all types)	895 m	\$ 52.40	\$ 46,898.00	\$ 50.00	\$ 44,750.00
14	Removal of concrete sidewalk and drives	980 m ²	\$ 6.00	\$ 5,880.00	\$ 12.50	\$ 12,250.00
15	Place concrete sidewalk and drives					
	a) Sidewalks (125 mm)	575 m ²	\$ 59.00	\$ 33,925.00	\$ 60.00	\$ 34,500.00
	b) Sidewalks (150 mm)	200 m ²	\$ 63.50	\$ 12,700.00	\$ 64.00	\$ 12,800.00
	c) Driveway Slab (150 mm)	150 m ²	\$ 80.00	\$ 12,000.00	\$ 81.00	\$ 12,150.00
16	Supply and install detectable warning surfaces for pedestrian crossing					
	a) 0.6 x 0.6	14 Ea.	\$ 220.00	\$ 3,080.00	\$ 215.00	\$ 3,010.00
17	Topsoil (imported)	1600 m ²	\$ 9.00	\$ 14,400.00	\$ 10.00	\$ 16,000.00
18	Sodding					
	a) Nursery, unstaked	1500 m ²	\$ 7.50	\$ 11,250.00	\$ 6.25	\$ 9,375.00
	b) Nursery, staked	100 m ²	\$ 8.50	\$ 850.00	\$ 6.75	\$ 675.00
19	Removal of concrete steps					
	a) House #20-Front Door	1 L.S.	\$ 420.00	\$ 420.00	\$ 660.00	\$ 660.00
	b) Salvage House #20-Parking Spot	1 L.S.	\$ 982.00	\$ 982.00	\$ 660.00	\$ 660.00
20	Place concrete steps incl handrailings					
	a) House #20-Front Door	1 L.S.		\$ 4,800.00		\$ 4,200.00
	b) House #20-Parking Spot- Salvaged Steps	1 L.S.		\$ 1,800.00		\$ 1,750.00
	c) House #20-Parking Spot -New Steps (Provisional)	1 L.S.		\$ 800.00		\$ 4,000.00

Item	Description	Qty./Unit	Price	Amount	Price	Amount
21	Supply and Install Loop Detectors	2 Ea.	\$ 2,500.00	\$ 5,000.00	\$ 2,100.00	\$ 4,200.00
22	Erosion Control					
a)	Heavy-Duty Silt Fence Barrier	80 m	\$ 24.00	\$ 1,920.00	\$ 14.00	\$ 1,120.00
b)	Fibre Roll Grade Breaks	80 m	\$ 20.00	\$ 1,600.00	\$ 42.00	\$ 3,360.00
23	Pavement markings					
a)	Permanent 10 cm solid white	50 m	\$ 18.00	\$ 900.00	\$ 13.50	\$ 675.00
b)	Durable stop bars 60 cm (Thermoplastic pavement markings)	8 m	\$ 60.00	\$ 480.00	\$ 64.00	\$ 512.00
	Sub-Total Roadwork --			\$ 412,000.00		\$ 511,949.50
STORM SEWERS						
24	Supply, excavate for and place storm pipe sewers including bedding, granular backfill					
a)	300 mm HDPE CSA B182.6 or equivalent	132 m	\$ 164.00	\$ 21,648.00	\$ 218.00	\$ 28,776.00
b)	375 mm HDPE CSA B182.6 or equivalent	82 m	\$ 182.00	\$ 14,924.00	\$ 240.00	\$ 19,680.00
c)	375 mm HDPE CSA B182.6 or equivalent including restoration	64 m	\$ 228.00	\$ 14,592.00	\$ 341.00	\$ 21,824.00
25	Supply, excavate for, place and backfill catch basins and/or twin inlet catch basins, including frames and grates					
a)	600 mm x 600 mm (OPSD 705.010)	4 Ea.	\$ 2,500.00	\$ 10,000.00	\$ 2,700.00	\$ 10,800.00
b)	600 mm x 1450 mm (OPSD 705.020)	2 Ea.	\$ 4,400.00	\$ 8,800.00	\$ 4,160.00	\$ 8,320.00
26	Supply, excavate for, place and backfill precast maintenance holes and maintenance hole catch basins including frames and grates					
a)	1200 mm manhole (701.010)	3 Ea.	\$ 4,800.00	\$ 14,400.00	\$ 5,900.00	\$ 17,700.00
27	Supply and place 150 mm filter wrapped perforated subdrain including excavation	805 m	\$ 24.00	\$ 19,320.00	\$ 24.25	\$ 19,521.25
28	Supply and Install Handlaid rip rap and Armour Stone, including non-woven geotextile					
a)	Rip rap c/w geotextile	230 m ²	\$ 44.00	\$ 10,120.00	\$ 35.00	\$ 8,050.00
b)	Armour stone	5 Ea.	\$ 220.00	\$ 1,100.00	\$ 245.00	\$ 1,225.00
29	Remove existing storm sewer	150 m	\$ 80.00	\$ 12,000.00	\$ 50.00	\$ 7,500.00
30	Storm cleanout	1 Ea.	\$ 1,096.00	\$ 1,096.00	\$ 2,810.00	\$ 2,810.00
	Sub-Total Storm Sewers --			\$ 128,000.00		\$ 146,206.25
SANITARY SEWERS						
31	Supply, excavate for and place sanitary sewer pipe including bedding and granular backfill					
a)	200 mm PVC SDR-35	370 m	\$ 260.00	\$ 96,200.00	\$ 250.00	\$ 92,500.00
b)	Connect to existing manhole	1 Ea.	\$ 1,800.00	\$ 1,800.00	\$ 890.00	\$ 890.00
32	Supply, excavate for, place and backfill 1200 mm precast maintenance holes (OPSD 701.010) including benching, frame and cover	4 Ea.	\$ 5,600.00	\$ 22,400.00	\$ 6,900.00	\$ 27,600.00
33	Supply, excavate for and place PVC SDR-28 sanitary service pipe, incl. bedding, native backfill and restoration beyond the general grading operations					
a)	125 mm dia.	160 m	\$ 150.00	\$ 24,000.00	\$ 195.00	\$ 31,200.00
34	Sanitary sewer service cleanout	16 Ea.	\$ 350.00	\$ 5,600.00	\$ 145.00	\$ 2,320.00
	Sub-Total Sanitary Sewers --			\$ 150,000.00		\$ 154,510.00
WATERMAINS						

Item	Description	Qty./Unit	Price	Amount	Price	Amount
35	Supply, excavate for, place watermain including bedding, granular backfill					
a)	150 mm PVC DR-18	80 m	\$ 180.00	\$ 14,400.00	\$ 265.00	\$ 21,200.00
b)	250 mm PVC DR-18	503 m	\$ 230.00	\$ 115,690.00	\$ 300.00	\$ 150,900.00
36	Supply, excavate for, place and backfill ductile iron fittings, including cathodic protection, mechanical thrust restraints, thrust blocking or anchoring					
a)	150 mm dia. gate valves	6 Ea.	\$ 1,500.00	\$ 9,000.00	\$ 1,275.00	\$ 7,650.00
b)	250 mm dia. gate valves	4 Ea.	\$ 3,300.00	\$ 13,200.00	\$ 3,090.00	\$ 12,360.00
c)	250 x 250 x 150 mm tees	8 Ea.	\$ 1,000.00	\$ 8,000.00	\$ 820.00	\$ 6,560.00
d)	250 x 200 mm reducers	1 Ea.	\$ 650.00	\$ 650.00	\$ 550.00	\$ 550.00
e)	150 mm 45° bends	6 Ea.	\$ 450.00	\$ 2,700.00	\$ 330.00	\$ 1,980.00
f)	250 mm 45° bends	4 Ea.	\$ 725.00	\$ 2,900.00	\$ 655.00	\$ 2,620.00
g)	50 mm blowoff assembly, complete	1 Ea.	\$ 1,240.00	\$ 1,240.00	\$ 850.00	\$ 850.00
h)	150 mm Cap	1 Ea.	\$ 250.00	\$ 250.00	\$ 220.00	\$ 220.00
i)	Fire hydrants	2 Ea.	\$ 3,900.00	\$ 7,800.00	\$ 5,625.00	\$ 11,250.00
j)	Fire hydrant extension (150mm)	1 ea.	\$ 880.00	\$ 880.00	\$ 875.00	\$ 875.00
k)	Connect to existing watermain	4 Ea.	\$ 2,700.00	\$ 10,800.00	\$ 3,935.00	\$ 15,740.00
l)	Connect to existing hospital main	1 L.S.		\$ 3,300.00		\$ 5,385.00
m)	Connect to existing Brucelea Haven potable main	1 L.S.		\$ 3,300.00		\$ 5,385.00
n)	Connect to existing Brucelea Haven fire line	1 L.S.		\$ 3,300.00		\$ 5,385.00
o)	5000 gallon potable water tanker	1 L.S.		\$ 1,800.00		\$ 2,175.00
37	Supply, excavate for, place and backfill water service fitting, incl. tapping main and all connections					
a)	25 mm main stops	20 Ea.	\$ 180.00	\$ 3,600.00	\$ 170.00	\$ 3,400.00
b)	25 mm curb stops	20 Ea.	\$ 380.00	\$ 7,600.00	\$ 265.00	\$ 5,300.00
c)	25 mm saddles	20 Ea.	\$ 100.00	\$ 2,000.00	\$ 90.00	\$ 1,800.00
38	Supply, excavate for, place and backfill water services, including bedding, and all required connections, cathodic protection, native backfill and restoration beyond the general grading operations					
a)	25 mm dia. service tubing installed by trenching	140 m	\$ 88.00	\$ 12,320.00	\$ 156.00	\$ 21,840.00
39	Temporary potable water distribution system					
a)	Sta 1+101 to Yonge Street	1 L.S.		\$ 11,710.00		\$ 12,255.00
b)	Sta 0+940 to Sta 1+101	1 L.S.		\$ 60.00		\$ 6,250.00
c)	Freezing of 200 mm dia. main, cutting and capping	1 L.S.		\$ 5,600.00		\$ 4,300.00
40	Swabbing, hydrostatic pressure testing, disinfection, and flushing of watermains	1 L.S.		\$ 5,900.00		\$ 4,000.00
	Sub-Total Watermains --			\$ 248,000.00		\$ 310,230.00
<u>MISCELLANEOUS ITEMS</u>						
41	Traffic control and pedestrian safety					
a)	Town traffic control and pedestrian safety	1 L.S.		\$ 15,480.00		\$ 21,000.00
b)	Sideroad 5 detour	1 L.S.		\$ 12,800.00		\$ 8,325.00
42	Cost of 100% Performance and 100% Labour and Material Payment Bonds and cost of insurance	1 L.S.		\$ 64,400.00		\$ 9,085.00
43	Contingencies	1 L.S.		\$ 20,000.00		\$ 20,000.00
44	Lump sum to cover all other requirements	1 L.S.		\$ 101,320.00		\$ 10,000.00

Item	Description	Qty./Unit	Price	Amount	Price	Amount
	of the contract not specifically covered by or related to the preceding items					
	Sub-Total Miscellaneous Items --			\$ 214,000.00		\$ 68,410.00
	Total Part 1 --			\$ 1,152,000.00		\$ 1,191,305.75
<u>PART 2 - 2021 PROVISIONAL</u>						
1-4	N/A					
5	Hot Mix Asphalt					
a)	Hot Mix HL-3	910 t	\$ 122.00	\$ 111,020.00	\$ 118.00	\$ 107,380.00
b)	Tack coat	7710 m ²	\$ 0.80	\$ 6,168.00	\$ 0.70	\$ 5,397.00
6-7	N/A					
8	Removal of asphalt pavement partial depth	4100 m ²	\$ 4.10	\$ 16,810.00	\$ 4.50	\$ 18,450.00
9	Adjust existing maintenance holes and catch basins	12 Ea.	\$ 550.00	\$ 6,600.00	\$ 475.00	\$ 5,700.00
10-23	N/A					
	Sub-Total Roadwork --			\$ 140,598.00		\$ 136,927.00
24-40	N/A					
<u>MISCELLANEOUS ITEMS</u>						
41	Traffic control and pedestrian safety	1 L.S.		\$ 1,480.00		\$ 1,675.00
42	Cost of 100% Performance and 100% Labour and Material Payment Bonds and cost of insurance	1 L.S.		\$ 2,922.00		\$ 1,000.00
43-44	N/A					
	Sub-Total Miscellaneous Items --			\$ 4,402.00		\$ 2,675.00
	Total Part 2 --			\$ 145,000.00		\$ 139,602.00
<u>PROVISIONAL ITEMS - INCLUSIVE TO ALL PARTS</u>						
45	Additional trench excavation in proposed trench bottom where unsuitable soils are encountered including removal from site	100 m ³	\$ 9.00	\$ 900.00	\$ 21.00	\$ 2,100.00
46	Supply and place imported granular bedding where conditions warrant and as directed	200 t	\$ 12.00	\$ 2,400.00	\$ 16.00	\$ 3,200.00
47	Unshrinkable backfill	3 m ³	\$ 400.00	\$ 1,200.00	\$ 525.00	\$ 1,575.00
48	Backfilling of new water services during testing and disinfecting and excavation to connect to existing services where conditions warrant and as directed	2 Ea.	\$ 400.00	\$ 800.00	\$ 835.00	\$ 1,670.00
49	Reconnect existing drains and services (up to 250 mm dia.) (Provisional)	30 m	\$ 80.00	\$ 2,400.00	\$ 180.00	\$ 5,400.00
50	Supply, excavate for and place concrete encasement	1 Ea.	\$ 800.00	\$ 800.00	\$ 1,310.00	\$ 1,310.00
51	Pressure grout existing sewer or watermain	5 m ³	\$ 500.00	\$ 2,500.00	\$ 1,175.00	\$ 5,875.00
	Sub-Total Provisional Items --			\$ 11,000.00		\$ 21,130.00
	Part 1 - 2020			\$ 1,152,000.00		\$ 1,191,305.75
	Part 2 - 2021 Provisional			\$ 145,000.00		\$ 139,602.00
	Provisional - Inclusive to All Parts			\$ 11,000.00		\$ 21,130.00
	Sub-Total			\$ 1,308,000.00		\$ 1,352,037.75
	13% HST			\$ 170,040.00		\$ 175,764.91
	TOTAL TENDER			\$ 1,478,040.00		\$ 1,527,802.66