

July 4, 2022

Project #21-104

Mr. Scott McLeod, Manager of Public Works
Municipality of Arran-Elderslie
PO Box 70, 1925 Bruce Rd 10,
Chesley, ON NOG 1LO

Re: Recommendation on Award of Contract 21-104

Replacement of Sidewalks in Allenford, Chesley, Paisley and Tara in Municipality of Arran-Elderslie

Dear Mr. McLeod,

This letter is to provide a recommendation on the Contract number 21-104 for Replacement of Sidewalks in Allenford, Chesley, Paisley and Tara in Municipality of Arran-Elderslie. We have reviewed the tender bid submitted by the contractor and submit our findings in this letter.

Tenders were invited from nine (9) pre-qualified contractors and six (6) contractors ordered tender documents from us. But only one (1) bid was received from E.C. King Contracting Ltd. The enclosed **Table 1** provides the summary of the corrected Tender Prices from contractor and for comparison the engineers estimate has also been provided. The bidder submitted a bid bond and agreement to bond as required. **Table 2** provides a comparison of the bid prices of tender items along with the engineers estimate.

As can be noted from comparison **Table 2**, the contractor's bid is significantly higher than the engineer's estimate. The engineer's estimate did consider higher bid prices received for concrete related items in this year's projects which were tendered by GSS Engineering Consultants Ltd..

The tendered price is more than double of Engineer's Estimate. We provide an outlook on tendering as follows:

- All contractors already have enough work for this year. They need to complete the "work on hand" and meet their deadline for those projects. The contractors that we talked to did not want to risk taking the additional work that they could not complete on time, especially when there was Federal deadline in March 2023. The concrete and paving works cannot be completed during cold periods.
- We would have received more bids, if we could be flexible in allowing them to complete some work next year after April.
- I talked to two (2) prominent sidewalk and curb & gutter specialist contractors and they both indicated that they were quoting a price of approximately \$80-\$100/m² this year, depending upon the complexity of work, to general contractors. We have received a price of \$440/m².
- In general, the quoted price from contractor is almost double for several items.

Recommendation

In view of the above, I recommend that the tender from E.C. King contracting is rejected pursuant to Clause **9.0: Acceptance or Rejection of Tenders** which states:

- "9.1 The Owner reserves the right to reject any or all Tenders, and to waive formalities as the interests of the Owner may require, without stating reasons. Therefore, the lowest or any Tender will not necessarily be accepted.*
- 9.2 Subject to the General Conditions and except as provided hereunder, neither the Owner's agent nor any employee of the Owner has authority to make or accept an offer or to enter into a contract on behalf of the Owner or to create any rights against or to impose any obligations on the Owner. The recommendation of a Tender to the Owner for acceptance does not constitute acceptance of the Tender by the Owner."*

I also recommend that we liaison with Federal Economic Development Agency, which is managing Canada Community Revitalization Fund, and request flexibility in undertaking this project. If the single bid that has been received is accepted as tendered, it shall amount to wastage of taxpayers money.

Sincerely,

GSS Engineering Consultants Ltd.



Rakesh Sharma, P. Eng.
Designated Consulting Engineer

RS/nc

TABLE 1

Tender Opening Results Summary
Replacement of Sidewalks in Arran-Elderslie
Municipality of Arran-Elderslie

June 30 2022

21-104

		Name of Construction Group	Corrected Tender Price (excluding HST)	Agreement to Bond	Tender Deposit Cheque	Time for Completion (weeks)
Invited and Plan Takers	1.	Walker Aggregates Grey-Bruce				
	2.	E.C. King Contracting	\$3,428,403.80*	Yes	No	15
	3.	Autoform Contracting London				
	4.	N. Piccoli Construction Ltd				
	5.	R.F King Construction				
	6.	MEI Paving				
Invited but not Participated	7.	Concrete by Classic				
	8.	Superior Concrete Finishing				
	9.	Grey County Concrete				
Engineer's Estimate			\$1,893,230.00			

* The bid price was \$3,362,545.80 and was found to have mathematical error.

TABLE 2 - Tender Bid Comparison
Sidewalk Improvements
Municipality of Arran-Elderslie
Town of Allenford

04-Jul-22

21-104

				Engineers Estimate		E.C. King Contracting	
No.	Description	Unit	Quantity	Unit Price	Total Cost	Unit Price	Total Cost
A1 - HWY 21 (Ann Street) NW Corner							
A1.1	Remove Sidewalk Ramp	m	3	\$ 20.00	\$ 60.00	\$ 360.00	\$ 1,080.00
A1.2	Remove/Replace Curb (Hand Formed)	m	3	\$ 150.00	\$ 450.00	\$ 490.00	\$ 1,470.00
A1.3	Supply/Install Sidewalk Adj. Curb	m ²	4	\$ 130.00	\$ 520.00	\$ 189.90	\$ 759.60
A1.4	Tactile Plates	ea	2	\$ 500.00	\$ 1,000.00	\$ 440.00	\$ 880.00
A1.5	Remove/Replace Asphalt (Road) 50mm HL4	m ²	3	\$ 50.00	\$ 150.00	\$ 410.00	\$ 1,230.00
A1.6	Supply/Install 75mm Topsoil and Sod	m ²	10	\$ 24.00	\$ 240.00	\$ 83.70	\$ 837.00
A2 - HWY 21 (Thomas) NE Corner							
A2.1	Remove Sidewalk Ramp	m	12	\$ 20.00	\$ 240.00	\$ 300.00	\$ 3,600.00
A2.2	Supply/Install Sidewalk Adj. Curb	m ²	20	\$ 130.00	\$ 2,600.00	\$ 189.90	\$ 3,798.00
A2.3	Tactile Plates	ea	2	\$ 500.00	\$ 1,000.00	\$ 440.00	\$ 880.00
A2.4	Supply/Install 75mm Topsoil and Sod	m ²	10	\$ 24.00	\$ 240.00	\$ 76.10	\$ 761.00
A2.5	Remove Sidewalk Ramp	m	4	\$ 20.00	\$ 80.00	\$ 270.00	\$ 1,080.00
A2.6	Supply/Install Sidewalk Adj. Curb	m ²	4	\$ 130.00	\$ 520.00	\$ 460.00	\$ 1,840.00
A2.7	Tactile Plates	ea	2	\$ 500.00	\$ 1,000.00	\$ 440.00	\$ 880.00
					\$ 8,100.00		\$ 19,095.60

TABLE 2 - Tender Bid Comparison
Sidewalk Improvements
Municipality of Arran-Elderslie
Town of Chesley

04-Jul-22

21-104

				Engineers Estimate		E.C. King Contracting	
No.	Description	Unit	Quantity	Unit Price	Total Cost	Unit Price	Total Cost
C1 - 3rd Street SE (2nd Ave SE - 4th Ave SE) - 200 m							
C1.1	Remove Sidewalk on North & South Side	m	300	\$ 15.00	\$ 4,500.00	\$ 23.40	\$ 7,020.00
C1.2	Supply/Install Sidewalk (3rd Ave to Church) ADJ Curb	m ²	75	\$ 95.00	\$ 7,125.00	\$ 184.40	\$ 13,830.00
C1.3	Supply/Install Sidewalk North Side Adj. Curb	m ²	300	\$ 95.00	\$ 28,500.00	\$ 184.40	\$ 55,320.00
C1.4	Tactile Plates	ea	6	\$ 400.00	\$ 2,400.00	\$ 440.00	\$ 2,640.00
C1.5	Remove/Replace Concrete Walkways	m ²	10	\$ 100.00	\$ 1,000.00	\$ 440.00	\$ 4,400.00
C1.6	Remove/Replace Asphalt Driveways	m ²	72	\$ 90.00	\$ 6,480.00	\$ 73.00	\$ 5,256.00
C1.7	Remove/Replace Concrete Driveways	m ²	28	\$ 150.00	\$ 4,200.00	\$ 410.00	\$ 11,480.00
C1.8	Remove/Replace Gravel Driveways	m ²	30	\$ 45.00	\$ 1,350.00	\$ 30.40	\$ 912.00
C1.9	Supply/Install 75mm Topsoil and Sod	m ²	210	\$ 20.00	\$ 4,200.00	\$ 29.20	\$ 6,132.00
C2 - 3rd Ave SE (3rd St. SE - 4th St. SE) - 100 m							
C2.1	Remove Sidewalk on North & South Side	m	80	\$ 15.00	\$ 1,200.00	\$ 23.40	\$ 1,872.00
C2.2	Supply/Install Curb Faced Sidewalk	m ²	150	\$ 120.00	\$ 18,000.00	\$ 270.00	\$ 40,500.00
C2.3	Tactile Plates	m ²	4	\$ 400.00	\$ 1,600.00	\$ 440.00	\$ 1,760.00
C2.4	Remove/Replace Concrete Steps	ea	2	\$ 300.00	\$ 600.00	\$7,100.00	\$ 14,200.00
C2.5	Remove/Replace Concrete Walkways	m ²	16	\$ 100.00	\$ 1,600.00	\$ 440.00	\$ 7,040.00
C2.6	Remove/Replace Asphalt Driveways	m ²	12	\$ 90.00	\$ 1,080.00	\$ 73.00	\$ 876.00
C2.7	Remove/Replace Concrete Driveways	m ²	4	\$ 150.00	\$ 600.00	\$ 410.00	\$ 1,640.00
C2.8	Remove/Replace Gravel Driveways	m ²	12	\$ 45.00	\$ 540.00	\$ 30.40	\$ 364.80
C2.9	Supply/Install 75mm Topsoil and Sod	m ²	80	\$ 20.00	\$ 1,600.00	\$ 29.20	\$ 2,336.00
C3 - 4th Ave SE & 4th St SE/4th St SE & 5th St SE							
C3.1	Remove and replace sidewalk panel with ramp	ea	3	\$ 1,800.00	\$ 5,400.00	\$2,090.00	\$ 6,270.00
C3.2	Tactile Plates	ea	2	\$ 400.00	\$ 800.00	\$ 440.00	\$ 880.00
C4 - 7th Street SE (2nd Ave SE - 4th Ave SE) - 200 m							
C4.1	Remove Sidewalk South Side	m	200	\$ 15.00	\$ 3,000.00	\$ 23.40	\$ 4,680.00
C4.2	Supply/Install Barrier Curb	m	200	\$ 80.00	\$ 16,000.00	\$ 187.10	\$ 37,420.00
C4.3	Supply/Install 1.5 m Wide Sidewalk	m ²	300	\$ 95.00	\$ 28,500.00	\$ 184.40	\$ 55,320.00
C4.4	Supply/Install Tactile Plates	ea	12	\$ 400.00	\$ 4,800.00	\$ 440.00	\$ 5,280.00
C4.5	Remove/Replace Concrete Walkways	m ²	2	\$ 100.00	\$ 200.00	\$ 440.00	\$ 880.00
C4.6	Remove/Replace Asphalt Driveways	m ²	60	\$ 90.00	\$ 5,400.00	\$ 73.00	\$ 4,380.00
C4.7	Remove/Replace Concrete Driveways	m ²	80	\$ 150.00	\$ 12,000.00	\$ 410.00	\$ 32,800.00
C4.8	Remove/Replace Gravel Driveways	m ²	50	\$ 45.00	\$ 2,250.00	\$ 30.40	\$ 1,520.00
C4.9	Supply/Install 75 mm Topsoil and Sod	m ²	300	\$ 20.00	\$ 6,000.00	\$ 29.20	\$ 8,760.00
C4.10	Saw Cut Asphalt Road (paid by LM of Road)	m	200	\$ 5.00	\$ 1,000.00	\$ 4.75	\$ 950.00
C4.11	Remove/Replace Asphalt (Road) 50 mm HL3	m ²	120	\$ 50.00	\$ 6,000.00	\$ 73.00	\$ 8,760.00
C5 - 2nd Street SE (1st St. S - End) - 180 m							
C5.1	Remove Sidewalk North	m	180	\$ 15.00	\$ 2,700.00	\$ 23.40	\$ 4,212.00
C5.2	Supply/Install 1.5 m Wide Curb Faced Sidewalk	m ²	270	\$ 120.00	\$ 32,400.00	\$ 270.00	\$ 72,900.00
C5.3	Supply/Install Tactile Plates	ea	5	\$ 400.00	\$ 2,000.00	\$ 440.00	\$ 2,200.00
C5.4	Remove/Replace Concrete Steps	ea	2	\$ 500.00	\$ 1,000.00	\$7,100.00	\$ 14,200.00
C5.5	Remove/Replace Concrete Walkways	m ²	10	\$ 100.00	\$ 1,000.00	\$ 440.00	\$ 4,400.00
C5.6	Remove/Replace Asphalt Driveways	m ²	20	\$ 90.00	\$ 1,800.00	\$ 73.00	\$ 1,460.00
C5.7	Remove/Replace Concrete Driveways	m ²	10	\$ 150.00	\$ 1,500.00	\$ 410.00	\$ 4,100.00
C5.8	Remove/Repalce Gravel Driveways	m ²	30	\$ 45.00	\$ 1,350.00	\$ 30.40	\$ 912.00
C5.9	Supply/Install 75 mm Topsoil and Sod	m ²	200	\$ 20.00	\$ 4,000.00	\$ 29.20	\$ 5,840.00
C5.10	Saw Cut Asphalt Road (paid by LM of Road)	m	200	\$ 5.00	\$ 1,000.00	\$ 4.75	\$ 950.00
C5.11	Remove/Replace Asphalt (Road) 50 mm HL3	m ²	120	\$ 50.00	\$ 6,000.00	\$ 73.00	\$ 8,760.00

				Engineers Estimate		E.C. King Contracting	
No.	Description	Unit	Quantity	Unit Price	Total Cost	Unit Price	Total Cost
C6 - 2nd Ave. NE (1st St. N - 4th St. NE) - 160 m							
C6.1	Remove Sidewalk North/East	m	160	\$ 15.00	\$ 2,400.00	\$ 23.40	\$ 3,744.00
C6.2	Supply/Install 1.5 m Wide Curb Faced Sidewalk	m ²	165	\$ 120.00	\$ 19,800.00	\$ 270.00	\$ 44,550.00
C6.3	Supply/Install 1.5 m Wide Sidewalk (ADJ Curb)	ea	75	\$ 95.00	\$ 7,125.00	\$ 184.40	\$ 13,830.00
C6.4	Remove Curb/Place Hand-Formed Curb	m	4	\$ 180.00	\$ 720.00	\$ 280.00	\$ 1,120.00
C6.5	Supply/Install Tactile Plates	ea	10	\$ 400.00	\$ 4,000.00	\$ 440.00	\$ 4,400.00
C6.6	Remove/Replace Concrete Walkways	m ²	12	\$ 100.00	\$ 1,200.00	\$ 440.00	\$ 5,280.00
C6.7	Remove/Replace Asphalt Driveways	m ²	40	\$ 90.00	\$ 3,600.00	\$ 73.00	\$ 2,920.00
C6.8	Remove/Replace Concrete Driveways	m ²	10	\$ 150.00	\$ 1,500.00	\$ 410.00	\$ 4,100.00
C6.9	Remove/Repalce Gravel Driveways	m ²	60	\$ 45.00	\$ 2,700.00	\$ 30.40	\$ 1,824.00
C6.10	Supply/Install 75 mm Topsoil and Sod	m ²	120	\$ 20.00	\$ 2,400.00	\$ 29.20	\$ 3,504.00
C6.11	Saw Cut Asphalt Road (paid by LM of Road)	m	110	\$ 5.00	\$ 550.00	\$ 4.75	\$ 522.50
C6.12	Remove/Replace Asphalt (Road) 50 mm HL3	m ²	66	\$ 50.00	\$ 3,300.00	\$ 73.00	\$ 4,818.00
C7 - 3rd Street NW (County Rd. 30-4th St. NW) - 300 m							
C7.54	Remove Sidewalk	m	300	\$ 15.00	\$ 4,500.00	\$ 23.40	\$ 7,020.00
C7.55	Supply/Install 1.5m Wide Sidewalk	m ²	450	\$ 95.00	\$ 42,750.00	\$ 184.40	\$ 82,980.00
C7.56	Supply/Install Tactile Plates	ea	4	\$ 400.00	\$ 1,600.00	\$ 440.00	\$ 1,760.00
C7.57	Remove/Replace Concrete Steps	ea	2	\$ 500.00	\$ 1,000.00	\$7,100.00	\$ 14,200.00
C7.58	Remove/Replace Concrete Walkways	ea	5	\$ 100.00	\$ 500.00	\$ 440.00	\$ 2,200.00
C7.59	Remove/Replace Asphalt Driveways	m ²	30	\$ 90.00	\$ 2,700.00	\$ 73.00	\$ 2,190.00
C7.60	Remove/Replace Concrete Driveways	m ²	20	\$ 150.00	\$ 3,000.00	\$ 410.00	\$ 8,200.00
C7.61	Remove/Replace Gravel Driveways	m ²	20	\$ 45.00	\$ 900.00	\$ 30.40	\$ 608.00
C7.62	Remove/Replace Interlocking Brick Driveways	m ²	16	\$ 120.00	\$ 1,920.00	\$ 450.00	\$ 7,200.00
C7.63	Supply/Install 75mm Topsoil and Sod	m ²	500	\$ 20.00	\$ 10,000.00	\$ 29.20	\$ 14,600.00
C8 - 2nd Street SW (3rd Ave SW - 4th Ave SW) - 100 m							
C8.1	Remove Sidewalk	m	200	\$ 15.00	\$ 3,000.00	\$ 23.40	\$ 4,680.00
C8.2	Supply/Install 1.5 m Wide Sidewalk	m ²	150	\$ 95.00	\$ 14,250.00	\$ 184.40	\$ 27,660.00
C8.3	Supply/Install Tactile Plates	ea	6	\$ 400.00	\$ 2,400.00	\$ 440.00	\$ 2,640.00
C8.4	Remove/Place Hand Formed Curb	m	9	\$ 180.00	\$ 1,620.00	\$ 280.00	\$ 2,520.00
C8.5	Remove/Replace Concrete Walkways	m ²	4	\$ 100.00	\$ 400.00	\$ 440.00	\$ 1,760.00
C8.6	Remove/Replace Asphalt Driveways	m ²	24	\$ 90.00	\$ 2,160.00	\$ 73.00	\$ 1,752.00
C8.7	Remove/Replace Gravel Driveways	m ²	12	\$ 45.00	\$ 540.00	\$ 30.40	\$ 364.80
C8.8	Supply/Install 75 mm Topsoil and Sod	m ²	400	\$ 20.00	\$ 8,000.00	\$ 29.20	\$ 11,680.00
C9 - 2nd Ave SW (2nd St. SW - 4th St. SW) - 200 m							
C9.1	Remove Sidewalk	m	300	\$ 15.00	\$ 4,500.00	\$ 23.40	\$ 7,020.00
C9.2	Supply/Install 1.5 m Wide Curb Faced Sidewalk	m ²	150	\$ 120.00	\$ 18,000.00	\$ 270.00	\$ 40,500.00
C9.3	Supply/Install 1.5 m Wide Sidewalk adjacent to existing curb to remain	m ²	150	\$ 95.00	\$ 14,250.00	\$ 184.40	\$ 27,660.00
C9.4	Supply/Install Tactile Plates	ea	18	\$ 400.00	\$ 7,200.00	\$ 440.00	\$ 7,920.00
C9.5	Remove/Replace Concrete Walkways	m ²	25	\$ 100.00	\$ 2,500.00	\$ 440.00	\$ 11,000.00
C9.6	Remove/Replace Asphalt Driveways	m ²	40	\$ 90.00	\$ 3,600.00	\$ 73.00	\$ 2,920.00
C9.7	Remove/Replace Concrete Driveways	m ²	8	\$ 150.00	\$ 1,200.00	\$ 410.00	\$ 3,280.00
C9.8	Remove/Repalce Gravel Driveways	m ²	50	\$ 45.00	\$ 2,250.00	\$ 30.40	\$ 1,520.00
C9.9	Supply/Install 75 mm Topsoil and Sod	m ²	300	\$ 20.00	\$ 6,000.00	\$ 29.20	\$ 8,760.00
C9.10	Saw Cut Asphalt Road (paid by LM of Road)	m	200	\$ 5.00	\$ 1,000.00	\$ 4.75	\$ 950.00
C9.11	Remove/Replace Asphalt (Road) 50 mm HL3	m ²	60	\$ 50.00	\$ 3,000.00	\$ 73.00	\$ 4,380.00

				Engineers Estimate		E.C. King Contracting	
No.	Description	Unit	Quantity	Unit Price	Total Cost	Unit Price	Total Cost
C10 - 7th St. SW (1s Ave S - 4th Ave SW) - 300 m							
C10.1	Remove Sidewalk	m	300	\$ 15.00	\$ 4,500.00	\$ 23.40	\$ 7,020.00
C10.2	Supply/Install 1.5 m Wide Sidewalk (ADJ Curb)	m ²	450	\$ 95.00	\$ 42,750.00	\$ 184.40	\$ 82,980.00
C10.3	Supply/Install Tactile Plates	ea	12	\$ 400.00	\$ 4,800.00	\$ 440.00	\$ 5,280.00
C10.4	Remove/Replace Concrete Walkways	m ²	5	\$ 100.00	\$ 500.00	\$ 440.00	\$ 2,200.00
C10.5	Remove/Replace Asphalt Driveways	m ²	30	\$ 90.00	\$ 2,700.00	\$ 73.00	\$ 2,190.00
C10.6	Remove/Replace Concrete Driveways	m ²	8	\$ 150.00	\$ 1,200.00	\$ 410.00	\$ 3,280.00
C10.7	Remove/Repalce Gravel Driveways	m ²	50	\$ 45.00	\$ 2,250.00	\$ 30.40	\$ 1,520.00
C10.8	Supply/Install 75 mm Topsoil and Sod	m ²	400	\$ 20.00	\$ 8,000.00	\$ 29.20	\$ 11,680.00
C10.9	"PROVISIONAL" Saw Cut Asphalt Road (paid by LM of Road)	m	100	\$ 5.00	\$ 500.00	\$ 6.00	\$ 600.00
C10.10	"PROVISIONAL" Barrier Curb	m	60	\$ 80.00	\$ 4,800.00	\$ 260.00	\$ 15,600.00
C10.11	"PROVISIONAL" Sidewalk 1.5 m Wide to install adjacent to existing curb to remain	m ²	60	\$ 95.00	\$ 5,700.00	\$ 280.00	\$ 16,800.00
C11 - Additional work in Chesley at Various Locations							
C11.1	Removal of sidewalk panels to provide concrete ramp	ea	65	\$ 1,800.00	\$ 117,000.00	\$2,090.00	\$ 135,850.00
C11.2	Tactile plates at each ramp	ea	130	\$ 400.00	\$ 52,000.00	\$ 440.00	\$ 57,200.00
C11.3	"PROVISIONAL" - 75 mm Topsoil/Sod	m ²	110	\$ 20.00	\$ 2,200.00	\$ 26.50	\$ 2,915.00
C11.4	"PROVISIONAL" - Hand Formed Curb at various locations	m	50	\$ 180.00	\$ 9,000.00	\$ 280.00	\$ 14,000.00
C11.5	"PROVISIONAL" - 50 mm HL3 Restoration	m ²	50	\$ 50.00	\$ 2,500.00	\$ 105.30	\$ 5,265.00
					\$ 707,110.00		\$ 1,230,330.10

TABLE 2 - Tender Bid Comparison
Sidewalk Improvements
Municipality of Arran-Elderslie
Village of Paisley

04-Jul-22

21-104

				Engineers Estimate		E.C. King Contracting	
No.	Description	Unit	Quantity	Unit Price	Total Cost	Unit Price	Total Cost
P1 - Queen Street North (Ross St. N - Church St.) - 680 m (East Side only)							
P1.1	Remove Sidewalk	m	680	\$ 15.00	\$ 10,200.00	\$ 23.40	\$ 15,912.00
P1.2	Supply/Install Sidewalk (1.5 m wide)	m ²	1020	\$ 95.00	\$ 96,900.00	\$ 196.00	\$ 199,920.00
P1.3	Tactile Plates	ea.	30	\$ 400.00	\$ 12,000.00	\$ 440.00	\$ 13,200.00
P1.4	Remove/Replace Concrete Steps	ea.	15	\$ 500.00	\$ 7,500.00	\$ 7,200.00	\$ 108,000.00
P1.5	Remove/Replace Concrete Walkways	m ²	27	\$ 100.00	\$ 2,700.00	\$ 420.00	\$ 11,340.00
P1.6	Remove/Replace Asphalt Driveways	m ²	38	\$ 90.00	\$ 3,420.00	\$ 75.50	\$ 2,869.00
P1.7	Remove/Replace Interlocking Brick Driveways	m ²	24	\$ 120.00	\$ 2,880.00	\$ 450.00	\$ 10,800.00
P1.8	Remove/Repalce Gravel Driveways	m ²	140	\$ 45.00	\$ 6,300.00	\$ 30.20	\$ 4,228.00
P1.9	Supply/Install 75 mm Topsoil and Sod	m ²	1000	\$ 20.00	\$ 20,000.00	\$ 33.20	\$ 33,200.00
P1.10	Supply/install slope guard for trees	ea	2	\$ 1,000.00	\$ 2,000.00	\$ 750.00	\$ 1,500.00
P1.11	Placement of fill to regrade area as directed	m ²	150	\$ 100.00	\$ 15,000.00	\$ 210.00	\$ 31,500.00
P1.12	Supply/install road culvert under walkway	m	11	\$ 350.00	\$ 3,850.00	\$ 630.00	\$ 6,930.00
P2 - Queen St. North (W Side) Cambridge to Church - 220 m							
P2.1	Remove Sidewalk	m	220	\$ 15.00	\$ 3,300.00	\$ 23.40	\$ 5,148.00
P2.2	Supply/Install Sidewalk (1.5 m wide)	m ²	360	\$ 95.00	\$ 34,200.00	\$ 196.00	\$ 70,560.00
P2.3	Tactile Plates	ea	8	\$ 400.00	\$ 3,200.00	\$ 440.00	\$ 3,520.00
P2.4	Supply/Install Hand Formed Curb	m	10	\$ 180.00	\$ 1,800.00	\$ 280.00	\$ 2,800.00
P2.5	Remove/Replace Concrete Steps	ea	2	\$ 300.00	\$ 600.00	\$ 7,200.00	\$ 14,400.00
P2.6	Remove/Replace Concrete Walkways	m ²	13	\$ 100.00	\$ 1,300.00	\$ 420.00	\$ 5,460.00
P2.7	Remove/Replace Asphalt Driveways	m ²	94	\$ 90.00	\$ 8,460.00	\$ 75.50	\$ 7,097.00
P2.8	Remove/Replace Concrete Driveways	m ²	4	\$ 150.00	\$ 600.00	\$ 410.00	\$ 1,640.00
P2.9	Remove/Repalce Gravel Driveways	m ²	120	\$ 45.00	\$ 5,400.00	\$ 30.20	\$ 3,624.00
P2.10	Supply/Install 75 mm Topsoil and Sod	m ²	400	\$ 20.00	\$ 8,000.00	\$ 33.20	\$ 13,280.00
P3 - Church Street (Queen St. North - 10 m East) - 10 m							
P3.1	Remove Sidewalk South Side	m	10	\$ 25.00	\$ 250.00	\$ 23.40	\$ 234.00
P3.2	Supply/Install 1.5m Wide Sidewalk	m ²	15	\$ 95.00	\$ 1,425.00	\$ 196.00	\$ 2,940.00
P3.3	Supply/Install 75mm Topsoil and Sod	m ²	20	\$ 20.00	\$ 400.00	\$ 33.20	\$ 664.00
P4 - George St. South (Balaklava St. - Alma St.) - 220 m							
P4.1	Remove Sidewalk North	m	220	\$ 15.00	\$ 3,300.00	\$ 23.40	\$ 5,148.00
P4.2	Supply/Install 1.5 m Wide Sidewalk	m ²	330	\$ 95.00	\$ 31,350.00	\$ 196.00	\$ 64,680.00
P4.3	Remove & replace sidewalk panel with ramp and curb & gutter	ea	4	\$ 400.00	\$ 1,600.00	\$ 1,530.00	\$ 6,120.00
P4.4	Tactile Plates	ea	2	\$ 400.00	\$ 800.00	\$ 440.00	\$ 880.00
P4.5	Remove/Replace Concrete Walkways	m ²	10	\$ 100.00	\$ 1,000.00	\$ 420.00	\$ 4,200.00
P4.6	Remove/Replace Asphalt Driveways	m ²	20	\$ 90.00	\$ 1,800.00	\$ 75.50	\$ 1,510.00
P4.7	Remove/Replace Concrete Driveways	m ²	20	\$ 150.00	\$ 3,000.00	\$ 410.00	\$ 8,200.00
P4.8	Remove/Repalce Gravel Driveways	m ²	80	\$ 45.00	\$ 3,600.00	\$ 30.20	\$ 2,416.00
P4.9	Supply/Install 75 mm Topsoil and Sod	m ²	220	\$ 20.00	\$ 4,400.00	\$ 33.20	\$ 7,304.00
P4.10	"PROVISIONAL" - Supply/Install Mountable Curb	m	440	\$ 80.00	\$ 35,200.00	\$ 183.30	\$ 80,652.00
P4.11	"PROVISIONAL" - 50mm HL3 for Boulevard Restoration	m ²	440	\$ 50.00	\$ 22,000.00	\$ 91.40	\$ 40,216.00

				Engineers Estimate		E.C. King Contracting	
No.	Description	Unit	Quantity	Unit Price	Total Cost	Unit Price	Total Cost
P5 - Church Street (Queen St. North - Victoria St. North) - 80 m							
P5.1	Remove Sidewalk	m	80	\$ 15.00	\$ 1,200.00	\$ 23.40	\$ 1,872.00
P5.2	Supply/Install 1.5m Wide Sidewalk	m²	120	\$ 95.00	\$ 11,400.00	\$ 196.00	\$ 23,520.00
P5.3	Supply/Install Tactile Plates	ea	2	\$ 400.00	\$ 800.00	\$ 440.00	\$ 880.00
P5.4	Remove/Replace Concrete Walkways	m²	2	\$ 100.00	\$ 200.00	\$ 420.00	\$ 840.00
P5.5	Remove/Replace Asphalt Driveways	m²	60	\$ 90.00	\$ 5,400.00	\$ 75.50	\$ 4,530.00
P5.6	Remove/Repalce Gravel Driveways	m²	60	\$ 45.00	\$ 2,700.00	\$ 30.20	\$ 1,812.00
P5.7	Supply/Install 75mm Topsoil and Sod	m²	60	\$ 20.00	\$ 1,200.00	\$ 33.20	\$ 1,992.00
P5.8	Remove/Replace Asphalt (on Road) 50 mm HL3	m²	40	\$ 50.00	\$ 2,000.00	\$ 75.50	\$ 3,020.00
P5.9	Supply/Install PVC SDR35 sewer pipe complete with rodent grate as specified	m	8	\$ 425.00	\$ 3,400.00	\$ 810.00	\$ 6,480.00
P6 - Victoria Street (Inkerman St. - Balaklava St.) - 440 m							
P6.1	Remove Sidewalk	m	220	\$ 15.00	\$ 3,300.00	\$ 23.40	\$ 5,148.00
P6.2	Supply/Install Barrier Curb c/w Ledge	m	220	\$ 80.00	\$ 17,600.00	\$ 183.30	\$ 40,326.00
P6.3	Supply/Install 1.5m Wide Sidewalk	m²	330	\$ 95.00	\$ 31,350.00	\$ 196.00	\$ 64,680.00
P6.4	Supply/Install Tactile Plates	ea	6	\$ 400.00	\$ 2,400.00	\$ 440.00	\$ 2,640.00
P6.5	Remove/Replace Asphalt Driveways	m²	150	\$ 90.00	\$ 13,500.00	\$ 75.50	\$ 11,325.00
P6.6	Supply/Install 75mm Topsoil and Sod	m²	300	\$ 20.00	\$ 6,000.00	\$ 33.20	\$ 9,960.00
P6.7	Remove/Replace Asphalt (Road) 50 mm HL3	m²	132	\$ 50.00	\$ 6,600.00	\$ 75.50	\$ 9,966.00
P7 - Victoria Street South (Balaklava St. - Arnaud St.) - 220 m							
P7.1	Sawcut Asphalt	m	220	\$ 5.00	\$ 1,100.00	\$ 4.75	\$ 1,045.00
P7.2	Supply/Install Barrier Curb c/w Ledge	m	220	\$ 80.00	\$ 17,600.00	\$ 183.30	\$ 40,326.00
P7.3	Supply/Install 1.5 m Wide Sidewalk	m²	330	\$ 95.00	\$ 31,350.00	\$ 196.00	\$ 64,680.00
P7.4	Supply/Install Tactile Plates	ea	6	\$ 400.00	\$ 2,400.00	\$ 440.00	\$ 2,640.00
P7.5	Remove/Place Hand Formed Curb	m	6	\$ 180.00	\$ 1,080.00	\$ 280.00	\$ 1,680.00
P7.6	Remove/Replace Asphalt Driveways	m²	150	\$ 90.00	\$ 13,500.00	\$ 75.50	\$ 11,325.00
P7.7	Remove/Replace Asphalt (on Road) 50 mm HL3	m²	132	\$ 50.00	\$ 6,600.00	\$ 75.50	\$ 9,966.00
P7.8	Supply/Install Catch Basin and Piping	LS	100%	\$ 4,500.00	\$ 4,500.00	\$ 13,000.00	\$ 13,000.00
P7.9	Supply/Install 75 mm Topsoil and Sod	m²	300	\$ 20.00	\$ 6,000.00	\$ 33.20	\$ 9,960.00
P8 - Arnaud Street (Victoria St. - School) - 80 m							
P8.1	Sawcut Asphalt	m	100	\$ 5.00	\$ 500.00	\$ 4.75	\$ 475.00
P8.2	Supply/Install Barrier Curb c/w Ledge	m	80	\$ 80.00	\$ 6,400.00	\$ 183.30	\$ 14,664.00
P8.3	Supply/Install 1.5 m Wide Sidewalk	m²	120	\$ 95.00	\$ 11,400.00	\$ 196.00	\$ 23,520.00
P8.4	Supply/Install Tactile Plates	ea	2	\$ 400.00	\$ 800.00	\$ 440.00	\$ 880.00
P8.5	Remove/Place Hand Formed Curb	m	6	\$ 180.00	\$ 1,080.00	\$ 280.00	\$ 1,680.00
P8.6	Remove/Replace Interlocking Brick Driveways	m²	40	\$ 120.00	\$ 4,800.00	\$ 450.00	\$ 18,000.00
P8.7	Remove/Replace Asphalt (on Road) 50 mm HL3	m²	100	\$ 50.00	\$ 5,000.00	\$ 75.50	\$ 7,550.00
P8.8	Supply/Install 75 mm Topsoil and Sod	m²	120	\$ 20.00	\$ 2,400.00	\$ 33.20	\$ 3,984.00
P9 - Additional work in Paisley							
P9.1	Removal of sidewalk panels to provide concrete ramp	ea	13	\$ 1,800.00	\$ 23,400.00	\$ 2,190.00	\$ 28,470.00
P9.2	Tactile Plates	ea	26	\$ 400.00	\$ 10,400.00	\$ 440.00	\$ 11,440.00
P9.3	"PROVISIONAL" - 75 mm Topsoil/Sod	m²	50	\$ 20.00	\$ 1,000.00	\$ 32.20	\$ 1,610.00
P9.4	"PROVISIONAL" - Hand Formed Curb (Includes Removal and Granular compacted bedding and pins to existing curb per detail)	m	10	\$ 180.00	\$ 1,800.00	\$ 450.00	\$ 4,500.00
P9.5	"PROVISION" - 50 mm HL3 for Restoration	m²	50	\$ 50.00	\$ 2,500.00	\$ 105.50	\$ 5,275.00
					\$ 624,395.00		\$ 1,257,753.00

TABLE 2 - Tender Bid Comparison
Sidewalk Improvements
Municipality of Arran-Elderslie
Town of Tara

04-Jul-22

21-104

				Engineers Estimate		E.C. King Contracting	
No.	Description	Unit	Quantity	Unit Price	Total Cost	Unit Price	Total Cost
T1 - River Street (Market Street - Legion) - 200 m							
T1.1	Remove Sidewalk	m	200	\$ 15.00	\$ 3,000.00	\$ 23.80	\$ 4,760.00
T1.2	Supply/Install 1.5 m Curb-Faced Sidewalk	m ²	300	\$ 120.00	\$ 36,000.00	\$ 260.00	\$ 78,000.00
T1.3	Tactile Plates	ea	6	\$ 400.00	\$ 2,400.00	\$ 440.00	\$ 2,640.00
T1.4	Remove/Replace Concrete Walkways	m ²	2	\$ 100.00	\$ 200.00	\$ 410.00	\$ 820.00
T1.5	Remove/Replace Asphalt Driveways	m ²	24	\$ 90.00	\$ 2,160.00	\$ 75.50	\$ 1,812.00
T1.6	Remove/Replace Concrete Driveways	m ²	36	\$ 150.00	\$ 5,400.00	\$ 410.00	\$ 14,760.00
T1.7	Remove/Repalce Gravel Driveways	m ²	42	\$ 45.00	\$ 1,890.00	\$ 30.40	\$ 1,276.80
T1.8	Supply/Install 75mm Topsoil and Sod	m ²	170	\$ 20.00	\$ 3,400.00	\$ 33.00	\$ 5,610.00
T1.9	Remove/Replace Asphalt (on Road) 50 mm HL3	m ²	120	\$ 50.00	\$ 6,000.00	\$ 75.50	\$ 9,060.00
T2 - River Street (Legion - Main Street) -75 m							
T2.1	Remove Sidewalk	m	60	\$ 15.00	\$ 900.00	\$ 23.80	\$ 1,428.00
T2.2	Supply/Install 1.5 m wide Sidewalk	m ²	113	\$ 95.00	\$ 10,735.00	\$ 220.00	\$ 24,860.00
T2.3	Tactile Plates	ea	2	\$ 400.00	\$ 800.00	\$ 440.00	\$ 880.00
T2.4	Remove/Replace Concrete Walkways	m ²	4	\$ 100.00	\$ 400.00	\$ 410.00	\$ 1,640.00
T2.5	Remove/Replace Asphalt Driveways	m ²	32	\$ 90.00	\$ 2,880.00	\$ 75.50	\$ 2,416.00
T2.6	Remove/Replace Concrete Driveways	m ²	8	\$ 150.00	\$ 1,200.00	\$ 410.00	\$ 3,280.00
T2.7	Supply/Install 75 mm Topsoil and Sod	m ²	120	\$ 20.00	\$ 2,400.00	\$ 33.00	\$ 3,960.00
T3 - Main Street (River St. - Market St.) - 200 m							
T3.1	Remove Sidewalk	m	200	\$ 15.00	\$ 3,000.00	\$ 23.80	\$ 4,760.00
T3.2	Supply/Install 1.5 m Curb-Faced Sidewalk	m ²	300	\$ 120.00	\$ 36,000.00	\$ 260.00	\$ 78,000.00
T3.3	Tactile Plates	ea	4	\$ 400.00	\$ 1,600.00	\$ 440.00	\$ 1,760.00
T3.4	Remove/Replace Concrete Walkways	m ²	10	\$ 100.00	\$ 1,000.00	\$ 410.00	\$ 4,100.00
T3.5	Remove/Replace Asphalt Driveways	m ²	28	\$ 90.00	\$ 2,520.00	\$ 75.50	\$ 2,114.00
T3.6	Remove/Replace Concrete Driveways	m ²	10	\$ 150.00	\$ 1,500.00	\$ 410.00	\$ 4,100.00
T3.7	Remove/Repalce Gravel Driveways	m ²	32	\$ 45.00	\$ 1,440.00	\$ 30.40	\$ 972.80
T3.8	Supply/Install 75mm Topsoil and Sod	m ²	350	\$ 20.00	\$ 7,000.00	\$ 33.00	\$ 11,550.00
T3.9	Remove/Replace Asphalt (on Road) 50 mm HL3	m ²	120	\$ 50.00	\$ 6,000.00	\$ 75.50	\$ 9,060.00
T3.10	Remove Tree	ea	1	\$ 600.00	\$ 600.00	\$ 8,200.00	\$ 8,200.00
T4 - Main Street (Market St. - Ann Street) - 200 m							
T4.1	Remove Sidewalk	m	200	\$ 15.00	\$ 3,000.00	\$ 23.80	\$ 4,760.00
T4.2	Supply/Install 1.5 m Curb-Faced Sidewalk	m ²	300	\$ 120.00	\$ 36,000.00	\$ 260.00	\$ 78,000.00
T4.3	Tactile Plates	ea	6	\$ 400.00	\$ 2,400.00	\$ 440.00	\$ 2,640.00
T4.4	Remove/Replace Concrete Walkways	m ²	7	\$ 100.00	\$ 700.00	\$ 410.00	\$ 2,870.00
T4.5	Remove/Replace Asphalt Driveways	m ²	35	\$ 90.00	\$ 3,150.00	\$ 75.50	\$ 2,642.50
T4.6	Remove/Replace Concrete Driveways	m ²	26	\$ 150.00	\$ 3,900.00	\$ 410.00	\$ 10,660.00
T4.7	Remove/Repalce Gravel Driveways	m ²	20	\$ 45.00	\$ 900.00	\$ 30.40	\$ 608.00
T4.8	Supply/Install 75 mm Topsoil and Sod	m ²	350	\$ 20.00	\$ 7,000.00	\$ 33.00	\$ 11,550.00
T4.9	Remove/Replace Asphalt (on Road) 50 mm HL3	m ²	120	\$ 50.00	\$ 6,000.00	\$ 75.50	\$ 9,060.00
T5 - Main Street (Ann Street - Yonge Street) - 80 m							
T5.1	Remove Sidewalk	m	80	\$ 15.00	\$ 1,200.00	\$ 23.80	\$ 1,904.00
T5.2	Supply/Install 1.5 m Curb-Faced Sidewalk	m ²	120	\$ 120.00	\$ 14,400.00	\$ 260.00	\$ 31,200.00
T5.3	Tactile Plates	ea	8	\$ 400.00	\$ 3,200.00	\$ 440.00	\$ 3,520.00
T5.4	Remove/Replace Concrete Walkways	m ²	4	\$ 100.00	\$ 400.00	\$ 410.00	\$ 1,640.00
T5.5	Remove/Repalce Gravel Driveways	m ²	50	\$ 45.00	\$ 2,250.00	\$ 30.40	\$ 1,520.00
T5.6	Supply/Install 75 mm Topsoil and Sod	m ²	120	\$ 20.00	\$ 2,400.00	\$ 33.00	\$ 3,960.00
T5.7	Remove/Replace Asphalt (on Road) 50 mm HL3	m ²	50	\$ 50.00	\$ 2,500.00	\$ 75.50	\$ 3,775.00

				Engineers Estimate		E.C. King Contracting	
No.	Description	Unit	Quantity	Unit Price	Total Cost	Unit Price	Total Cost
T6 - Mill Street (County Road 10 - Hamilton Street) - 150 m							
T6.1	Remove Sidewalk	m	150	\$ 15.00	\$ 2,250.00	\$ 23.80	\$ 3,570.00
T6.2	Supply/Install 1.5 m Curb-Faced Sidewalk	m ²	225	\$ 120.00	\$ 27,000.00	\$ 260.00	\$ 58,500.00
T6.3	Tactile Plates	ea	2	\$ 400.00	\$ 800.00	\$ 440.00	\$ 880.00
T6.4	Remove/Replace Concrete Walkways	m ²	8	\$ 100.00	\$ 800.00	\$ 410.00	\$ 3,280.00
T6.5	Remove/Replace Asphalt Driveways	m ²	40	\$ 90.00	\$ 3,600.00	\$ 75.50	\$ 3,020.00
T6.6	Remove/Repalce Gravel Driveways	m ²	30	\$ 45.00	\$ 1,350.00	\$ 30.40	\$ 912.00
T6.7	Supply/Install 75 mm Topsoil and Sod	m ²	300	\$ 20.00	\$ 6,000.00	\$ 33.00	\$ 9,900.00
T6.8	Remove/Replace Asphalt (on Road) 50 mm HL4	m ²	90	\$ 50.00	\$ 4,500.00	\$ 75.50	\$ 6,795.00
T7 - "PROVISIONAL" Yonge Street (Maryann St. - John St.) - 280 m							
T7.1	Remove Sidewalk	m	280	\$ 15.00	\$ 4,200.00	\$ 23.80	\$ 6,664.00
T7.2	Supply/Install 1.5 m Curb-Faced Sidewalk	m ²	420	\$ 120.00	\$ 50,400.00	\$ 260.00	\$ 109,200.00
T7.3	Tactile Plates	ea	6	\$ 400.00	\$ 2,400.00	\$ 440.00	\$ 2,640.00
T7.4	Remove/Replace Concrete Walkways	m ²	10	\$ 100.00	\$ 1,000.00	\$ 410.00	\$ 4,100.00
T7.5	Remove/Replace Asphalt Driveways	m ²	200	\$ 90.00	\$ 18,000.00	\$ 75.50	\$ 15,100.00
T7.6	Remove/Repalce Gravel Driveways	m ²	80	\$ 45.00	\$ 3,600.00	\$ 30.40	\$ 2,432.00
T7.7	Remove/Replace Interlocking Brick Driveways	m ²	20	\$ 120.00	\$ 2,400.00	\$ 450.00	\$ 9,000.00
T7.8	Supply/Install 75 mm Topsoil and Sod	m ²	750	\$ 20.00	\$ 15,000.00	\$ 33.00	\$ 24,750.00
T7.9	Remove/Replace Asphalt (on Road) 50 mm HL3	m ²	560	\$ 50.00	\$ 28,000.00	\$ 75.50	\$ 42,280.00
T8 - Additional work in Tara							
T8.1	Removal of sidewalk panels to provide concrete ramp	ea	23	\$ 1,800.00	\$ 41,400.00	\$ 2,100.00	\$ 48,300.00
T8.2	Tactile Plates	ea	57	\$ 400.00	\$ 22,800.00	\$ 440.00	\$ 25,080.00
T8.3	"PROVISIONAL" - 75 mm Topsoil/Sod	m ²	50	\$ 20.00	\$ 1,000.00	\$ 56.70	\$ 2,835.00
T8.4	"PROVISIONAL" - Hand Formed Curb (Includes Removal and Granular compacted bedding and pins to existing curb per detail)	m	50	\$ 180.00	\$ 9,000.00	\$ 380.00	\$ 19,000.00
T8.5	"PROVISIONAL" - 50 mm HL3 for Restoration	m ²	50	\$ 50.00	\$ 2,500.00	\$ 100.00	\$ 5,000.00
					\$ 477,825.00		\$ 855,367.10

TABLE 2 - Tender Bid Comparison
Sidewalk Improvements
Municipality of Arran-Elderslie

04-Jul-22

21-104

				Engineers Estimate		E.C. King Contracting	
No.	Description	Unit	Quantity	Unit Price	Total Cost	Unit Price	Total Cost
M - Miscellaneous							
M1	Remove existing frame & grate, supply/install OPSD 400.081 Frame and cover	ea	1	\$ 1,400.00	\$ 1,400.00	\$ 2,160.00	\$ 2,160.00
M2	Remove existing frame & grate, supply/install OPSD 400.110 Frame and cover	ea	1	\$ 1,400.00	\$ 1,400.00	\$ 1,340.00	\$ 1,340.00
M3	Dust Control						
i)	"PROVISIONAL" By using calcluiom chloride	tonne	1	\$ 2,000.00	\$ 2,000.00	\$ 1,270.00	\$ 1,270.00
ii)	"PROVISIONAL" By water spray	m³	20	\$ 50.00	\$ 1,000.00	\$ 54.40	\$ 1,088.00
M4	Bonding, insurance, permits and fees (to be completed only if contractor is providing bonding*)	LS	100%	\$ 20,000.00	\$ 20,000.00	\$ 10,000.00	\$ 10,000.00
M5	Contingency Amount	LS	100%	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
					\$ 75,800.00		\$ 65,858.00
TOTAL COST FOR A, C, P, T & M (EXCLUDING HST)					\$1,893,230.00		\$3,428,403.80