



**STAFF AWARD REPORT**

To:	Andy Taylor, Chief Administrative Officer
Re:	105-T-18: 2018 Sidewalk Construction Program
Date:	August 16, 2018
Prepared by:	Dereje Tafesse, Sr. Capital Works Engineer Ext. 2034 Tony Casale, Sr. Construction Buyer, Ext. 3190

**PURPOSE / BACKGROUND**

To obtain approval to award the contract for the 2018 Sidewalk Construction Program. The sidewalk construction program includes the following areas:

**Stage 1**

The Stage 1 requirements will commence in September 2018 and be completed by end of 2018, weather permitting;

Locations	Street	From/To
1	John Street	Pomona Mills Tennis Club to Henderson Avenue
2	Rodick Road	Clegg Road to Apple Creek Blvd.

**Stage 2**

The stage 2 requirements will commence in May 2019 and be completed by October 2019, weather permitting;

Locations	Street	From/To
3	Denison Street	Warden Avenue to Birchmount Road
4	South Park Road	Pond Drive to Commerce Valley Drive
5	Micro Court	Birchmount Road to East End
6	9 <sup>th</sup> Line	Bur Oak Avenue to Donald Cousens Parkway
7	Highway 7 East	South Drive to Main Street Unionville
8	Highway 7 East	Oakcrest Avenue to South West of Intersection
9	Highway 7 East	Swansea Road to South East of Intersection

The 2018 Sidewalk Construction Program budgeted for 10 sidewalk locations and included 14<sup>th</sup> Avenue from Woodbine Avenue to Alden Road. However, 14<sup>th</sup> Avenue has been deferred due to land/property requirements and conflicts with existing utilities. Part of the construction budget for 14<sup>th</sup> Avenue sidewalk will be used to fund the various additional work identified during the detailed design stage to facilitate the sidewalk construction.

**RECOMMENDATION**

Recommended Bidder	Rafat General Contractor Inc. (Lowest Priced Bidder)	
Total Approved Budget	\$ 1 624,200.00	081-5350-18050-005 Sidewalk Construction (10 sidewalk locations)
Current Budget Available	\$ 1,278,200.00	
Less cost of award	\$ 1,113,330.72	Construction
	\$ 61,768.32	Provisional Items
	\$ 63,091.20	Cash Allowance
	\$ 99,055.22	Contingency (8%)
	\$ 1,337,245.46	Total (Inclusive of HST)
	\$ 133,293.41	Internal Management Fee
	\$ 80,234.73	Construction Administration Fee (6%)
	\$ 1,550,773.60	Total Cost of Award (Inclusive of HST)
Budget Remaining after this award	(\$ 272,573.60)	*

**RECOMMENDATION (Continued)**

\* The budget allocated for 14<sup>th</sup> avenue is \$346,000 (\$1,624,200 - \$1,278,200). The budget shortfall in the amount of (\$272,573.60) will be funded from the 14<sup>th</sup> avenue location in project #18050 which is not being completed due to property and utility constraints. As such, the funds available for the construction of 14<sup>th</sup> Avenue sidewalk budget will be used to fund the shortfall of the 9 sidewalk locations. The budget shortfall is as a result of additional work required as indicated below:

1. Additional tree protection fence in the amount \$64,108.80 inclusive of HST throughout the project sites including John Street as directed by the Toronto Region Conservation Authority (TRCA).
2. The removal and installation of guide rails along John St to facilitate the sidewalk construction in the amount of \$55,052.16 inclusive of HST.
3. Provisional items with estimated quantities of work in the amount of \$61,768.32 inclusive of HST.
4. An allowance in the amount of \$63,091.20 for service or materials that are known to definitely be required to facilitate the construction of the sidewalk but which cannot be specified with adequate detail to determine accurate pricing by the contractor at the time of tender bid.
5. Additional quantities of sidewalk higher than previously estimated during the detailed design stage in the amount of \$28,553.44.

The remaining budget in the sidewalk account 081-5350-18050-005 in the amount of \$73,426.40 (\$346,000 – \$272,573.60) will be used for utility investigation work and for the design of additional sidewalk locations identified in the Sidewalk Gap Program Report which will be presented to DSC in fall 2018. The 14<sup>th</sup> avenue location will be identified as part of the Sidewalk Gap Program report.

Staff recommends awarding the contract in accordance with By-Law 4-2000 which reads:

“.. that the Chief Administrative Officer be authorized to award any required contracts greater than \$350,000 for the annual Council summer break between the last meeting in June or July, as the case may be, and the next regular Council meeting which are in compliance with the City’s Purchasing By-law and which are within budget as approved by Council;”

**BID INFORMATION**

Bid closed on	July 31, 2018
Number picking up document	12
Number responding to bid	3

**PRICE SUMMARY**

Bidders	Bid Price (Inclusive of HST)
<b>Rafat General Contractors Inc.</b>	<b>\$ 1,238,190.24</b>
Aqua Tech Solutions Inc.	\$ 1,287,261.36
Onsite Contracting Inc.	\$ 1,360,836.99

**OPERATING BUDGET AND LIFE CYCLE RESERVE IMPACT**

The total incremental annual operating budget impact is \$19,000 for summer and winter maintenance. Phase 1 operating impact will be \$6,450 which will be reflected in the 2019 Operating budget subject to Council approval. Phase 2 operating impact will be \$12,550 and will be included in the 2020 Operating budget, subject to Council approval.

The useful life of sidewalks are 40 years and therefore there is no incremental life cycle impact over the next 25 years.

**ENVIRONMENTAL CONSIDERATIONS**

No environmental impacts as a result of sidewalk construction on local and regional roads.