

APPENDIX 'A'

#19014

Chair and Members
Civic Works Committee

February 20, 2019
(Award Contract)

RE: 2019 Infrastructure Renewal Program - RFT 19-02
Egerton Street, Brydges Street and Pine Street - Phase 2 Reconstruction Project
(Subledger WS18C00A)
Capital Project ES241419 - Sewer Infrastructure Lifecycle Renewal
Capital Project ES246419 - Combined Sewer Separation
Capital Project EW376518 - Water Infrastructure Lifecycle Renewal
Capital Project EW378719 - Main Replacement with Major Roadworks
Capital Project TS144619 - Road Networks Improvements (Main)
Capital Project TS173919 - Cycling Facilities
Bre Ex Construction Inc. - \$5,723,375.76 (excluding H.S.T.)
Archibald, Gray and McKay Engineering Ltd. - \$429,880.00 (excluding H.S.T.)

FINANCE & CORPORATE SERVICES REPORT ON THE SOURCES OF FINANCING:

Finance & Corporate Services confirms that the cost of this project can be accommodated within the financing available for it in the Capital Works Budget and that, subject to the adoption of the recommendations of the Managing Director, Environmental & Engineering Services & City Engineer, the detailed source of financing for this project is:

SUMMARY OF ESTIMATED EXPENDITURES	Approved Budget	Revised Budget	Committed to Date	This Submission	Balance for Future Work
<u>ES241419-Sewer Infra. Lifecycle Renewal</u>					
Engineering	\$2,500,000	\$2,500,000	\$263,712	\$244,970	\$1,991,318
Construction	10,858,000	10,858,000	3,855,913	871,992	6,130,095
Construction (Bell) 2)	113,060	416,020	113,060	302,960	0
Construction (PDC Portion) 3)		38,000		38,000	0
City Related Expenses	20,000	20,000			20,000
	13,491,060	13,832,020	4,232,685	1,457,922	8,141,413
<u>ES246419-Combined Sewer Separation</u>					
Engineering	1,000,000	1,000,000			1,000,000
Construction	1,700,000	1,700,000		1,424,640	275,360
	2,700,000	2,700,000	0	1,424,640	1,275,360
<u>EW376518-Water Infrastructure Lifecycle Renewal</u>					
Engineering	2,483,022	2,483,022	2,104,214	131,233	247,575
Construction	6,815,763	6,815,763	2,796,921	1,348,083	2,670,759
City Related Expenses	79,134	79,134			79,134
	9,377,919	9,377,919	4,901,135	1,479,316	2,997,468
<u>EW378719-Main Repl with Mjr. Roadworks</u>					
Engineering	300,000	300,000			300,000
Construction	2,500,000	2,500,000		1,004,637	1,495,363
	2,800,000	2,800,000	0	1,004,637	1,795,363
<u>TS144619-Road Networks Improvements (Main)</u>					
Engineering	1,000,000	1,000,000		52,494	947,506
Construction	12,766,068	12,766,068		703,861	12,062,207
	13,766,068	13,766,068	0	756,355	13,009,713
<u>TS173919-Cycling Facilities</u>					
Engineering	100,000	100,000		8,749	91,251
Construction	682,850	682,850		124,602	558,248
	782,850	782,850	0	133,351	649,499
NET ESTIMATED EXPENDITURES	<u>\$42,917,897</u>	<u>\$43,258,857</u>	<u>\$9,133,820</u>	<u>\$6,256,221</u> 1)	<u>\$27,868,816</u>
SUMMARY OF FINANCING:					
<u>ES241419-Sewer Infra. Lifecycle Renewal</u>					
Capital Sewer Rates	\$8,978,000	\$8,978,000	\$4,119,625	\$1,116,962	\$3,741,413
Federal Gas Tax	4,400,000	4,400,000			4,400,000
Other Contributions (Bell) 2)	113,060	416,020	113,060	302,960	0
Cash Recovery from Property Owners (PDC Portion) 3)		38,000		38,000	0
	13,491,060	13,832,020	4,232,685	1,457,922	8,141,413
<u>ES246419-Combined Sewer Separation</u>					
Capital Sewer Rates	2,346,000	2,346,000		1,424,640	921,360
Drawdown from Sewage Works Reserve Fund	354,000	354,000			354,000
	2,700,000	2,700,000	0	1,424,640	1,275,360
<u>EW376518-Water Infrastructure Lifecycle Renewal</u>					
Capital Water Rates	6,502,100	6,502,100	4,901,135	1,479,316	121,649
Drawdown from Capital Water Reserve Fund	2,875,819	2,875,819			2,875,819
	9,377,919	9,377,919	4,901,135	1,479,316	2,997,468
<u>EW378719-Main Repl with Mjr. Roadworks</u>					
Capital Water Rates	2,800,000	2,800,000		1,004,637	1,795,363
<u>TS144619-Road Networks Improvements (Main)</u>					
Capital Levy	3,116,482	3,116,482		756,355	2,360,127
Drawdown from Capital Infrastructure Gap R.F.	803,560	803,560			803,560
Federal Gas Tax	9,846,026	9,846,026			9,846,026
	13,766,068	13,766,068	0	756,355	13,009,713
<u>TS173919-Cycling Facilities</u>					
Capital Levy	391,425	391,425		133,351	258,074
Drawdown from City Services Roads Reserve Fund 4) (Development Charges)	391,425	391,425			391,425
	782,850	782,850	0	133,351	649,499
TOTAL FINANCING	<u>\$42,917,897</u>	<u>\$43,258,857</u>	<u>\$9,133,820</u>	<u>\$6,256,221</u>	<u>\$27,868,816</u>

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1) <u>Financial Note: (CONSTRUCTION)</u>	(Includes PDC's)	Bell			
	ES241419	ES241419	ES246419	EW376518	ES378719
Contract Price	\$894,253	\$302,960	\$1,400,000	\$1,324,767	\$987,261
Add: HST @13%	116,253		182,000	172,220	128,344
Total Contract Price Including Taxes	1,010,506	302,960	1,582,000	1,496,987	1,115,605
Less: HST Rebate	100,514		157,360	148,904	110,968
Net Contract Price	<u>\$909,992</u>	<u>\$302,960</u>	<u>\$1,424,640</u>	<u>\$1,348,083</u>	<u>\$1,004,637</u>
<u>Financial Note (CONSTRUCTION continued)</u>			TS144619	TS173919	CONSTRUCTION TOTAL
Contract Price			\$691,688	\$122,447	\$5,723,376
Add: HST @13%			89,919	15,918	704,654
Total Contract Price Including Taxes			781,607	138,365	6,428,030
Less: HST Rebate			77,746	13,763	609,255
Net Contract Price			<u>\$703,861</u>	<u>\$124,602</u>	<u>\$5,818,775</u>
<u>Financial Note: (ENGINEERING)</u>			ES241419	EW376518	ENGINEERING TOTAL
Contract Price	\$240,733	\$128,964	\$51,586	\$8,597	\$429,880
Add: HST @13%	31,295	16,765	6,706	1,118	55,884
Total Contract Price Including Taxes	272,028	145,729	58,292	9,715	485,764
Less: HST Rebate	27,058	14,496	5,798	966	48,318
Net Contract Price	<u>\$244,970</u>	<u>\$131,233</u>	<u>\$52,494</u>	<u>\$8,749</u>	<u>\$437,446</u>
TOTAL CONSTRUCTION & ENGINEERING					<u>\$6,256,221</u>

- 2) Bell Canada has confirmed the approval of their contribution towards this project. The expenditures have increased to accommodate their contribution.
- 3) The expenditures have increased to accommodate the PDC (Private Drain Connections) funding towards this project.
- 4) Development charges have been utilized in accordance with the underlying legislation and the Development Charges Background Studies completed in 2014.
- 5) Additional annual sewer, water and transportation operating costs attributed to new infrastructure installation are as follows; Sewer Operations - \$200, Water Operations - \$0 and Transportation Operations - \$9,180 - \$10,860.

JG

Jason Davies
Manager of Financial Planning & Policy