

APPENDIX 'A'

#18050

Chair and Members
Civic Works Committee

April 4, 2018
(Award Contract)

RE: Infrastructure Renewal Project - Contract 15 - Main Street
(Subledger WS16C00D)
Capital Project ES241418 - Sewer Infrastructure Lifecycle Renewal
Capital Project ES3083 - Infill & Intensification Corridors Sanitary Sewer Servicing
Capital Project EW378718 - Main Replacement with Major Roadworks
Capital Project TS144618 - Road Networks Improvements
Capital Project TS406718 - Traffic Signals - Mtce
Capital Project TS512318 - Street Light Maintenance
L82 Construction Ltd. - \$8,233,236.86 (excluding H.S.T.)
IBI Group Inc. - \$815,630.20 (excluding H.S.T.)

FINANCE & CORPORATE SERVICES REPORT ON THE SOURCES OF FINANCING:

Finance & Corporate Services confirms that the cost of this project can not 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:

	Approved Budget	Additional Funding	Revised Budget	Committed to Date	This Submission	Balance for Future Work
SUMMARY OF ESTIMATED EXPENDITURES						
ES241418-Sewer Infrastructure Lifecycle Renewal						
Engineering	\$1,728,809		\$1,728,809	\$161,517	\$388,178	\$1,179,114
Engineering (Utilities)	8,420		8,420	8,420		0
Construction	10,297,079		10,297,079	3,794,473	3,838,977	2,663,629
Construction (PDC Portion) 2)	10,000	166,000	176,000	10,000	166,000	0
Construction (Utilities)	1,023,538		1,023,538	1,023,538		0
City Related Expenses	15,000		15,000	13,069		1,931
	<u>13,082,846</u>	<u>166,000</u>	<u>13,248,846</u>	<u>5,011,017</u>	<u>4,393,155</u>	<u>3,844,674</u>
ES3083-Infill & Intensification Corridors						
Sanitary Sewer Servicing						
Engineering	112,667		112,667	112,667		0
Construction 4)	1,268,361	69,094	1,337,455	1,108,920	228,535	0
	<u>1,381,028</u>	<u>69,094</u>	<u>1,450,122</u>	<u>1,221,587</u>	<u>228,535</u>	<u>0</u>
EW378718-Main Repl. With Major Roadworks						
Engineering	250,000		250,000		83,883	166,117
Construction	4,000,000		4,000,000		972,079	3,027,921
	<u>4,250,000</u>	<u>0</u>	<u>4,250,000</u>	<u>0</u>	<u>1,055,962</u>	<u>3,194,038</u>
TS144618-Road Networks Improvements						
Engineering	1,000,000		1,000,000	107,642	293,469	598,889
Construction	11,661,996		11,661,996	1,230,862	2,546,996	7,884,138
	<u>12,661,996</u>	<u>0</u>	<u>12,661,996</u>	<u>1,338,504</u>	<u>2,840,465</u>	<u>8,483,027</u>
TS406718-Traffic Signals - Mtce.						
Engineering	92,262	38,673	130,935	92,262	38,673	0
Construction	3,878,733	(38,673)	3,840,060	118,491	383,669	3,337,900
	<u>3,970,995</u>	<u>0</u>	<u>3,970,995</u>	<u>210,753</u>	<u>422,342</u>	<u>3,337,900</u>
TS512318-Street Light Maintenance						
Engineering	100,000		100,000	26,677	25,782	47,541
Construction	2,210,738		2,210,738	48,296	241,885	1,920,557
Traffic Lights	101,760		101,760	101,760		0
	<u>2,412,498</u>	<u>0</u>	<u>2,412,498</u>	<u>176,733</u>	<u>267,667</u>	<u>1,968,098</u>
NET ESTIMATED EXPENDITURES	<u>\$37,759,363</u>	<u>\$235,094</u>	<u>\$37,994,457</u>	<u>\$7,958,594</u>	<u>\$9,208,126</u> 1)	<u>\$20,827,737</u>
SUMMARY OF FINANCING:						
ES241418-Sewer Infrastructure Lifecycle Renewal						
Capital Sewer Rates	\$7,093,000		\$7,093,000		\$3,696,214	\$3,396,786
Drawdown from Sewage Works Reserve Fund	447,888		447,888			447,888
Federal Gas Tax	4,500,000		4,500,000	3,969,059	530,941	0
Cash Recovery from Property Owners (PDC Portion) 2)	10,000	166,000	176,000	10,000	166,000	0
Other Contributions (Utilities)	1,031,958		1,031,958	1,031,958		0
	<u>13,082,846</u>	<u>166,000</u>	<u>13,248,846</u>	<u>5,011,017</u>	<u>4,393,155</u>	<u>3,844,674</u>
ES3083-Infill & Intensification Corridors						
Sanitary Sewer Servicing						
Drawdown from Sewage Works Reserve Fund 4)	149,498	6,909	156,407	132,238	24,169	0
Drawdown from City Services - Sewers Reserve Fund (Development Charges) 3&4)	1,231,530	62,185	1,293,715	1,089,349	204,366	0
	<u>1,381,028</u>	<u>69,094</u>	<u>1,450,122</u>	<u>1,221,587</u>	<u>228,535</u>	<u>0</u>
EW378718-Main Repl. With Major Roadworks						
Capital Water Rates	3,110,000		3,110,000		1,055,962	2,054,038
Drawdown from Capital Water Reserve Fund	1,140,000		1,140,000			1,140,000
	<u>4,250,000</u>	<u>0</u>	<u>4,250,000</u>	<u>0</u>	<u>1,055,962</u>	<u>3,194,038</u>
TS144618-Road Networks Improvements						
Capital Levy	3,308,422		3,308,422	1,338,504	1,969,918	0
Debenture Quota	847,844		847,844			847,844
Drawdown from Capital Infrastructure Gap R.F.	535,720		535,720			535,720
Federal Gas Tax	7,970,010		7,970,010		870,547	7,099,463
	<u>12,661,996</u>	<u>0</u>	<u>12,661,996</u>	<u>1,338,504</u>	<u>2,840,465</u>	<u>8,483,027</u>
TS406718-Traffic Signals - Mtce.						
Capital Levy	3,837,065		3,837,065	210,753	422,342	3,203,970
Drawdown from Capital Infrastructure Gap R.F.	133,930		133,930			133,930
	<u>3,970,995</u>	<u>0</u>	<u>3,970,995</u>	<u>210,753</u>	<u>422,342</u>	<u>3,337,900</u>
TS512318-Street Light Maintenance						
Capital Levy	2,345,533		2,345,533	176,733	267,667	1,901,133
Drawdown from Capital Infrastructure Gap R.F.	66,965		66,965			66,965
	<u>2,412,498</u>	<u>0</u>	<u>2,412,498</u>	<u>176,733</u>	<u>267,667</u>	<u>1,968,098</u>
TOTAL FINANCING	<u>\$37,759,363</u>	<u>\$235,094</u>	<u>\$37,994,457</u>	<u>\$7,958,594</u>	<u>\$9,208,126</u>	<u>\$20,827,737</u>

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1) Financial Note: (CONSTRUCTION)	ES241418	ES3083	EW378718	TS144618	TS406718	TS512318
Contract Price	\$3,935,709	\$224,582	\$955,266	\$2,502,944	\$377,034	\$237,702
Add: HST @13%	511,642	29,196	124,185	325,383	49,014	30,901
Total Contract Price Including Taxes	4,447,351	253,778	1,079,451	2,828,327	426,048	268,603
Less: HST Rebate	442,374	25,243	107,372	281,331	42,379	26,718
Net Contract Price	<u>\$4,004,977</u>	<u>\$228,535</u>	<u>\$972,079</u>	<u>\$2,546,996</u>	<u>\$383,669</u>	<u>\$241,885</u>

Financial Note (CONSTRUCTION continued)

Contract Price						CONSTRUCTION
Add: HST @13%						TOTAL
Total Contract Price Including Taxes						\$8,233,237
Less: HST Rebate						1,070,321
Net Contract Price						<u>9,303,558</u>
						925,417
						<u>\$8,378,141</u>

Financial Note: (ENGINEERING)

	ES241418	EW378718	TS144618	TS406718	TS512318	ENGINEERING
Contract Price	\$381,465	\$82,432	\$288,393	\$38,004	\$25,336	TOTAL
Add: HST @13%	49,590	10,716	37,491	4,941	3,294	\$815,630
Total Contract Price Including Taxes	431,055	93,148	325,884	42,945	28,630	106,032
Less: HST Rebate	42,877	9,265	32,415	4,272	2,848	921,662
Net Contract Price	<u>\$388,178</u>	<u>\$83,883</u>	<u>\$293,469</u>	<u>\$38,673</u>	<u>\$25,782</u>	<u>\$829,985</u>

TOTAL CONSTRUCTION & ENGINEERING

\$9,208,126

- The expenditures have increased to accommodate the PDC (Private Drain Connections) funding towards this project.
- Development Charges have been utilized in accordance with the underlying legislation and the Development Charges Background Studies completed in 2014.
- The additional requirement of \$69,094 for Project ES3083 is available as an additional drawdown from City Services - Sewer Reserve Fund in the amount of \$62,185 and from Sewage Works Reserve Fund in the amount of \$6,909.
- Anticipated annual operating cost to budgets in 2019 and subsequent years, associated with the additional infrastructure of \$700.00 for Sewer Operations, \$750.00 for Road Operations and \$25,000.00 for Parks Operations.

JG

Jason Davies
Manager of Financial Planning & Policy