

**APPENDIX 'A'**

#18097

Chair and Members  
Civic Works Committee

June 19, 2018  
(Appoint Consulting Engineers)

**RE: Infrastructure Renewal Program**

**Capital Project ES241417 - Sewer Infrastructure Lifecycle Renewal**  
**Capital Project ES242817 - Erosion Remediation Open Watercourses Management and Reclamation**  
**Capital Project ES242818 - Erosion Remediation Open Watercourses Management and Reclamation**  
**Capital Project EW376518 - Water Infrastructure Lifecycle Renewal**  
**Capital Project TS144617 - Road Networks Improvements (Main)**  
**AECOM Canada Limited - \$369,029.10 (excluding H.S.T.) - Contract 1 - (Subledger WS19C001)**  
**Development Engineering (London) Limited - \$264,566.50 (excluding H.S.T.) - Contract 2 - (Subledger WS19C002)**  
**Parsons Incorporated - \$532,341.70 (excluding H.S.T.) - Contract 3 - (Subledger WS19C003)**  
**Archibald, Gray and McKay Engineering Limited - \$678,036.70 (excluding H.S.T.) - Contract 4 - (Subledger WS19C004)**  
**Spriet Associates (London) Limited - \$471,735.00 (excluding H.S.T.) - Contract 5 - (Subledger WS19C005)**  
**Dillon Consulting Limited - \$428,428.00 (excluding H.S.T.) - Contract 6 - (Subledger WS19C006)**  
**GM Blueplan Engineering - \$416,614.00 (excluding H.S.T.) - Contract A - (Subledger WS19C00A)**  
**Stantec Consulting Limited - \$252,083.15 (excluding H.S.T.) - Contract B - (Subledger WS19C00B)**  
**Spriet Associates (London) Limited - \$285,711.42 (excluding H.S.T.) - Contract C - (Subledger WS17C00C)**

**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:

<b>SUMMARY OF ESTIMATED EXPENDITURES</b>	<b>Approved Budget</b>	<b>Revised Budget</b>	<b>Committed to Date</b>	<b>This Submission</b>	<b>Balance for Future Work</b>
<b><u>ES241417-Sewer Infrastructure Lifecycle Renewal</u></b>					
Engineering	\$1,930,000	\$3,233,783	\$1,528,030	\$1,705,753	\$0
Land Acquisition	12,352	12,352	12,352		0
Construction	20,386,316	19,082,533	17,854,784		1,227,749
Construction (PDC Portion)	228,000	228,000	228,000		0
Construction (Bell Contributions)	686,595	686,595	686,595		0
City Related Expenses	140,000	140,000	107,520		32,480
	<u>23,383,263</u>	<u>23,383,263</u>	<u>20,417,281</u>	<u>1,705,753</u>	<u>1,260,229</u>
<b><u>ES242817-Erosion Remed. Open Watercourses Management and Reclamation</u></b>					
Engineering	170,000	266,859	121,619	145,240	0
Construction	829,486	732,627	518,159		214,468
	<u>999,486</u>	<u>999,486</u>	<u>639,778</u>	<u>145,240</u>	<u>214,468</u>
<b><u>ES242818-Erosion Remed. Open Watercourses Management and Reclamation</u></b>					
Engineering	50,000	128,423	38,578	89,845	0
Construction	132,000	53,577			53,577
	<u>182,000</u>	<u>182,000</u>	<u>38,578</u>	<u>89,845</u>	<u>53,577</u>
<b><u>EW376518-Water Infrastructure Lifecycle Renewal</u></b>					
Engineering	1,250,000	2,074,911	364,766	1,710,145	0
Construction	7,222,019	6,397,108	2,106,300		4,290,808
	<u>8,472,019</u>	<u>8,472,019</u>	<u>2,471,066</u>	<u>1,710,145</u>	<u>4,290,808</u>
<b><u>TS144617-Road Networks Improvements (Main)</u></b>					
Engineering	1,000,000	1,000,000	739,344	112,657	147,999
Land Acquisition	155,609	155,609	155,609		0
Construction	13,034,723	13,027,546	11,219,109		1,808,437
City Related Expenses	5,634	12,811	12,811		0
	<u>14,195,966</u>	<u>14,195,966</u>	<u>12,126,873</u>	<u>112,657</u>	<u>1,956,436</u>
<b>NET ESTIMATED EXPENDITURES</b>	<b><u>\$47,232,734</u></b>	<b><u>\$47,232,734</u></b>	<b><u>\$35,693,576</u></b>	<b><u>\$3,763,640</u></b>	<b><u>\$7,775,518</u></b>

**SUMMARY OF FINANCING:**

<b><u>ES241417-Sewer Infrastructure Lifecycle Renewal</u></b>					
Capital Sewer Rates	\$8,209,000	\$8,209,000	\$8,209,000		\$0
Drawdown from Sewage Works Reserve Fund	9,759,668	9,759,668	6,793,686	1,705,753	1,260,229
Federal Gas Tax	4,500,000	4,500,000	4,500,000		0
Cash Recovery from Property Owners (PDC Portion)	228,000	228,000	228,000		0
Other Contributions (Bell)	686,595	686,595	686,595		0
	<u>23,383,263</u>	<u>23,383,263</u>	<u>20,417,281</u>	<u>1,705,753</u>	<u>1,260,229</u>
<b><u>ES242817-Erosion Remed. Open Watercourses Management and Reclamation</u></b>					
Capital Sewer Rates	999,486	999,486	639,778	145,240	214,468
<b><u>ES242818-Erosion Remed. Open Watercourses Management and Reclamation</u></b>					
Capital Sewer Rates	182,000	182,000	38,578	89,845	53,577
<b><u>EW376518-Water Infrastructure Lifecycle Renewal</u></b>					
Capital Water Rates	6,502,100	6,502,100	2,471,066	1,710,145	2,320,889
Drawdown from Capital Water Reserve Fund	1,969,919	1,969,919			1,969,919
	<u>8,472,019</u>	<u>8,472,019</u>	<u>2,471,066</u>	<u>1,710,145</u>	<u>4,290,808</u>

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- Spriet Associates (London) Limited - \$285,711.42 (excluding H.S.T.) - Contract C - (Subledger WS17C00C)

	Approved Budget	Revised Budget	Committed to Date	This Submission	Balance for Future Work
<b>TS144617-Road Networks Improvements (Main)</b>					
Capital Levy	4,166,525	4,166,525	4,166,525		0
Debenture By-law No. W.-5617-63	2,227,179	2,227,179	158,086	112,657	1,956,436
Federal Gas Tax	7,677,097	7,677,097	7,677,097		0
Other Contributions (Dancor)	125,165	125,165	125,165		0
	<u>14,195,966</u>	<u>14,195,966</u>	<u>12,126,873</u>	<u>112,657</u>	<u>1,956,436</u>
<b>TOTAL FINANCING</b>	<b><u>\$47,232,734</u></b>	<b><u>\$47,232,734</u></b>	<b><u>\$35,693,576</u></b>	<b><u>\$3,763,640</u></b>	<b><u>\$7,775,518</u></b>

1) **FINANCIAL NOTE: (EXCLUDING H.S.T.)**

<b>Listed by Engineer and Contract</b>	<b>ES241417</b>	<b>ES242817</b>	<b>ES242818</b>	<b>EW376518</b>	<b>TS144617</b>
AECOM Canada Limited- Contract 1	\$110,709	\$36,903		\$110,708	\$110,709
Development Engineering (London) Limited - Contract 2	51,644	6,297		206,626	
Parsons Incorporated - Contract 3	251,265	29,811		251,266	
Archibald, Gray and McKay Engineering Limited - Contract 4	316,779	44,479		316,779	
Spriet Associates (London) Limited - Contract 5	223,248	25,238		223,249	
Dillon Consulting Limited - Contract 6	142,452		21,422	264,554	
GM Blueplan Engineering - Contract A	243,719		41,661	131,234	
Stantec Consulting Limited - Contract B	113,437		25,208	113,438	
Spriet Associates (London) Limited - Contract C	222,998			62,713	
<b>TOTAL PER CAPITAL PROJECT (EXCLUDING H.S.T.)</b>	<b><u>\$1,676,251</u></b>	<b><u>\$142,728</u></b>	<b><u>\$88,291</u></b>	<b><u>\$1,680,567</u></b>	<b><u>\$110,709</u></b>

**FINANCIAL NOTE (continued)**

<b>Listed by Engineer and Contract</b>	<b>TOTAL PER CONTRACT</b>	
	<b>Excluding HST</b>	<b>Incl. HST</b>
AECOM Canada Limited- Contract 1	\$369,029	\$375,524
Development Engineering (London) Limited - Contract 2	264,567	269,223
Parsons Incorporated - Contract 3	532,342	541,711
Archibald, Gray and McKay Engineering Limited - Contract 4	678,037	689,970
Spriet Associates (London) Limited - Contract 5	471,735	480,038
Dillon Consulting Limited - Contract 6	428,428	435,968
GM Blueplan Engineering - Contract A	416,614	423,946
Stantec Consulting Limited - Contract B	252,083	256,520
Spriet Associates (London) Limited - Contract C	285,711	290,740
<b>TOTAL PER CAPITAL PROJECT (EXCLUDING H.S.T.)</b>	<b><u>\$3,698,546</u></b>	<b><u>\$3,763,640</u></b>

2) **Financial Note: (Charges per Capital Project)**

	<b>ES241417</b>	<b>ES242817</b>	<b>ES242818</b>	<b>EW376518</b>	<b>TS144617</b>
Contract Price	\$1,676,251	\$142,728	\$88,291	\$1,680,567	\$110,709
Add: HST @13%	217,913	18,555	11,478	218,474	14,392
Total Contract Price Including Taxes	1,894,164	161,283	99,769	1,899,041	125,101
Less: HST Rebate	188,411	16,043	9,924	188,896	12,444
Net Contract Price	<u>\$1,705,753</u>	<u>\$145,240</u>	<u>\$89,845</u>	<u>\$1,710,145</u>	<u>\$112,657</u>

**Financial Note:(Charges per Capital Project)**

<b>continued</b>	<b>TOTAL</b>
Contract Price	\$3,698,546
Add: HST @13%	480,812
Total Contract Price Including Taxes	4,179,358
Less: HST Rebate	415,718
Net Contract Price	<u><u>\$3,763,640</u></u>