

Chair and Members
Civic Works Committee

May 27, 2016
(Appoint Consulting Engineers)

RE: Infrastructure Renewal Program 2017 - 2018

Capital Project ES241416 - Sewer Replacement Program
Capital Project ES2428-14 - 2014 Erosion Remediation in Open Watercourses Mgmt & Reclamation
Capital Project ES246416 - Combined Sewer Separation Replacement
Capital Project EW376516 - Main Replacement Engineering
Capital Project EW378716 - Main Replacement with Major Roadworks
Capital Project TS144616 - Road Rehabilitation Main
Capital Project TS406716 - Traffic Signals Maintenance
Capital Project TS512316 - Street Light Maintenance
Stantec Consulting Ltd. - \$216,641.50 (excluding H.S.T.) - Contract 1 (Subledger WS17C001)
Spriet Associates London Limited - \$268,790.50 (excluding H.S.T.) - Contract 2 (Subledger WS17C002)
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Dillon Consulting Ltd. - \$203,920.00 (excluding H.S.T.) - Contract 4 (Subledger WS17C004)
Archibald, Gray & McKay Engineering Limited - \$246,133.00 (excluding H.S.T.) - Contract 5 (Subledger WS17C005)
R.V. Anderson Associates Limited - \$275,310.00 (excluding H.S.T.) - Contract 6 (Subledger WS17C006)
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AECOM Canada Ltd. - \$276,531.00 (excluding H.S.T.) - Contract 9 (Subledger WS17C009)
IBI Group - \$544,391.10 (excluding H.S.T.) - Contract A (Subledger WS17C00A)
Dillon Consulting Ltd. - \$502,282.00 (excluding H.S.T.) - Contract B (Subledger WS17C00B)
Spriet Associates London Limited - \$372,375.00 (excluding H.S.T.) - Contract C (Subledger WS17C00C)
AECOM Canada Ltd. - \$522,769.50 (excluding H.S.T.) - Contract D (Subledger WS17C00D)

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	Committed to Date	This Submission	Balance for Future Work
<u>ES241416-Sewer Replacement Program</u>				
Engineering	\$1,917,631	\$825,649	\$1,091,982	\$0
Construction	12,640,671	11,038,029		1,602,642
Construction (PDC Portion)	218,000	218,000		0
City Related Expenses	13,698	13,698		0
	<u>14,790,000</u>	<u>12,095,376</u>	<u>1,091,982</u>	<u>1,602,642</u>
<u>ES2428-14-2014 Erosion Remediation in Open Watercourses Mgmt & Reclamation</u>				
Engineering	254,971	7,378	93,306	154,287
Construction	349,455	61,185		288,270
City Related Expenses	545	545		0
	<u>604,971</u>	<u>69,108</u>	<u>93,306</u>	<u>442,557</u>
<u>ES246416-Combined Sewer Separation Replacement</u>				
Engineering	1,570,027	387,869	1,182,158	0
Construction	5,319,973	4,355,153		964,820
Construction (PDC Portion)	92,000	92,000		0
Construction (London Hydro)	330,122	330,122		0
	<u>7,312,122</u>	<u>5,165,144</u>	<u>1,182,158</u>	<u>964,820</u>
<u>EW376516-Main Replacement Engineering</u>				
Engineering	1,285,375	259,264	1,026,111	0
Construction	9,214,325	7,448,585		1,765,740
City Related Expenses	300	300		0
	<u>10,500,000</u>	<u>7,708,149</u>	<u>1,026,111</u>	<u>1,765,740</u>
<u>EW378716-Main Repl. With Major Roadworks</u>				
Engineering	328,744	176,451	152,293	0
Construction	2,071,256	1,450,148		621,108
	<u>2,400,000</u>	<u>1,626,599</u>	<u>152,293</u>	<u>621,108</u>
<u>TS144616-Road Rehabilitation Main</u>				
Engineering	1,172,358	719,196	453,162	0
Construction	14,200,642	13,524,340		676,302
Construction (Rogers Cable Portion)	12,537	12,537		0
	<u>15,385,537</u>	<u>14,256,073</u>	<u>453,162</u>	<u>676,302</u>
<u>TS406716-Traffic Signals Mtce.</u>				
Engineering	155,072	68,586	86,486	0
Construction	3,466,928	160,146		3,306,782
	<u>3,622,000</u>	<u>228,732</u>	<u>86,486</u>	<u>3,306,782</u>
<u>TS512316-Street Light Maintenance</u>				
Engineering	82,972	15,162	67,810	0
Construction	1,967,028	72,205		1,894,823
	<u>2,050,000</u>	<u>87,367</u>	<u>67,810</u>	<u>1,894,823</u>
NET ESTIMATED EXPENDITURES	<u>\$56,664,630</u>	<u>\$41,236,548</u>	<u>\$4,153,308</u>	<u>\$11,274,774</u>
<u>SUMMARY OF FINANCING:</u>				
<u>ES241416-Sewer Replacement Program</u>				
Capital Sewer Rates	\$7,605,000	\$7,605,000		\$0
Drawdown from Sewage Works Reserve Fund	2,817,000	122,376	1,091,982	1,602,642
Federal Gas Tax	4,150,000	4,150,000		0
Cash Recovery from Property Owners (PDC Portion)	218,000	218,000		0
	<u>14,790,000</u>	<u>12,095,376</u>	<u>1,091,982</u>	<u>1,602,642</u>
<u>ES2428-14-2014 Erosion Remediation in Open Watercourses Mgmt & Reclamation</u>				
Capital Sewer Rates	577,408	41,545	93,306	442,557
Other Contributions	27,563	27,563		0
	<u>604,971</u>	<u>69,108</u>	<u>93,306</u>	<u>442,557</u>

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AECOM Canada Ltd. - \$522,769.50 (excluding H.S.T.) - Contract D (Subledger WS17C00D)

	Approved Budget	Committed to Date	This Submission	Balance for Future Work
<u>ES246416-Combined Sewer Separation Replacement</u>				
Drawdown from Sewage Works Reserve Fund	6,890,000	4,743,022	1,182,158	964,820
Cash Recovery from Property Owners (PDC Portion)	92,000	92,000		0
Other Contributions (London Hydro)	330,122	330,122		0
	7,312,122	5,165,144	1,182,158	964,820
<u>EW376516-Main Replacement Engineering</u>				
Capital Water Rates	5,230,100	5,230,100		0
Drawdown from Capital Water Reserve Fund	5,269,900	2,478,049	1,026,111	1,765,740
	10,500,000	7,708,149	1,026,111	1,765,740
<u>EW378716-Main Repl. With Major Roadworks</u>				
Capital Water Rates	2,400,000	1,626,599	152,293	621,108
<u>TS144616-Road Rehabilitation Main</u>				
Capital Levy	125,791	125,791		0
Debenture By-Law No.-5601-77	7,596,897	6,467,433	453,162	676,302
Federal Gas Tax	7,650,312	7,650,312		0
Other Contributions (Rogers Cable)	12,537	12,537		0
	15,385,537	14,256,073	453,162	676,302
<u>TS406716-Traffic Signals Mtce.</u>				
Capital Levy	3,622,000	228,732	86,486	3,306,782
<u>TS512316-Street Light Maintenance</u>				
Capital Levy	2,050,000	87,367	67,810	1,894,823
TOTAL FINANCING	\$56,664,630	\$41,236,548	\$4,153,308	\$11,274,774

1) FINANCIAL NOTE: (EXCLUDING H.S.T.) <u>Listed by Engineer and Contract Number</u>	ES241416	ES2428-14	ES246416	EW376516	EW378716
Stantec Consulting Ltd. - 1		\$49,683.00	\$100,175.10	\$66,783.40	
Spriet Associates London Limited - 2	134,395.25			134,395.25	
Development Engineering (London) Ltd. - 3		42,009.00	95,953.00	95,953.00	
Dillon Consulting Ltd. - 4	101,960.00			101,960.00	
Archibald, Gray & McKay Engineering Limited - 5	123,066.50			123,066.50	
R.V. Anderson Associates Limited - 6					76,842.75
Archibald, Gray & McKay Engineering Limited - 7	75,227.50			75,227.50	
Archibald, Gray & McKay Engineering Limited - 8			124,410.00	124,410.00	
AECOM Canada Ltd. - 9			165,918.60	110,612.40	
IBI Group - A	92,231.01				72,816.24
Dillon Consulting Ltd. - B			426,939.70	75,342.30	
Spriet Associates London Limited - C	297,900.00			74,475.00	
AECOM Canada Ltd. - D	248,315.52		248,315.50	26,138.48	
TOTAL PER CAPITAL PROJECT (EXCLUDING H.S.T.)	\$1,073,095.78	\$91,692.00	\$1,161,711.90	\$1,008,363.83	\$149,658.99

FINANCIAL NOTE (continued) <u>Listed by Engineer and Contract Number</u>	TS144616	TS406716	TS512316	TOTAL PER CONTRACT	
				Excluding HST	Incl. HST
Stantec Consulting Ltd. - 1				\$216,641.50	\$220,454.39
Spriet Associates London Limited - 2				268,790.50	273,521.21
Development Engineering (London) Ltd. - 3			19,140.00	253,055.00	257,508.77
Dillon Consulting Ltd. - 4				203,920.00	207,508.99
Archibald, Gray & McKay Engineering Limited - 5				246,133.00	250,464.94
R.V. Anderson Associates Limited - 6	179,299.75		19,167.50	275,310.00	280,155.46
Archibald, Gray & McKay Engineering Limited - 7				150,455.00	153,103.01
Archibald, Gray & McKay Engineering Limited - 8				248,820.00	253,199.23
AECOM Canada Ltd. - 9				276,531.00	281,397.95
IBI Group - A	266,024.40	84,989.59	28,329.86	544,391.10	553,972.38
Dillon Consulting Ltd. - B				502,282.00	511,122.16
Spriet Associates London Limited - C				372,375.00	378,928.80
AECOM Canada Ltd. - D				522,769.50	531,970.24
TOTAL PER CAPITAL PROJECT (EXCLUDING H.S.T.)	\$445,324.15	\$84,989.59	\$66,637.36	\$4,081,473.60	\$4,153,307.53

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2) Financial Note: (Charges per Capital Project)	ES241416	ES2428-14	ES246416	EW376516	EW378716
Contract Price	\$1,073,096	\$91,692	\$1,161,712	\$1,008,364	\$149,659
Add: HST @13%	139,502	11,920	151,023	131,087	19,456
Total Contract Price Including Taxes	1,212,598	103,612	1,312,735	1,139,451	169,115
Less: HST Rebate	120,616	10,306	130,577	113,340	16,822
Net Contract Price	<u>\$1,091,982</u>	<u>\$93,306</u>	<u>\$1,182,158</u>	<u>\$1,026,111</u>	<u>\$152,293</u>

Financial Note (continued)

	TS144616	TS406716	TS512316	TOTAL
Contract Price	\$445,324	\$84,990	\$66,637	\$4,081,474
Add: HST @13%	57,892	11,049	8,663	530,592
Total Contract Price Including Taxes	503,216	96,039	75,300	4,612,066
Less: HST Rebate	50,054	9,553	7,490	458,758
Net Contract Price	<u>\$453,162</u>	<u>\$86,486</u>	<u>\$67,810</u>	<u>\$4,153,308</u>

NOTE:

- 3) Additional annual operating costs to the EES budget in 2018 and subsequent years associated with completed infrastructure projects are not determined at this time but will be presented at the time of contract award, if required.

JG

Alan Dunbar
Manager of Financial Planning & Policy