

Chair and Members  
Civic Works Committee

May 16, 2012  
(Appoint Consulting Engineers)

**RE: Infrastructure Lifecycle Renewal Programs 2014 - 2015**

**Capital Project ES2414-12 - 2012 Sewer Replacement**  
**Capital Project ES2464-11 - 2011 Separation & CSO Program**  
**Capital Project EW3765-13 - 2013 Main Repl.-Engineering**  
**Capital Project TS1446-12 - 2012 Road Rehab - Main**  
**Capital Project TS4067-13 - 2013 Traffic Signals - Mtce.**  
**Capital Project TS5123-12 - 2012 Street Light Maintenance**  
**Spriet Associates - \$214,203.00 (excluding H.S.T.) - Contract #1**  
**R.V. Anderson Associates Limited - \$174,625.00 (excluding H.S.T.) - Contract #2**  
**AECOM Canada Ltd. - \$284,245.50 (excluding H.S.T.) - Contract #3**  
**Archibald, Gray & McKay Engineering Limited - \$216,436.00 (excluding H.S.T.) - Contract #4**  
**Stantec Consulting Ltd. - \$245,338.50 (excluding H.S.T.) - Contract #5**  
**IBI Group - \$128,832.55 (excluding H.S.T.) - Contract #6**  
**AECOM Canada Ltd. - \$124,454.00 (excluding H.S.T.) - Contract A**  
**Dillon Consulting Ltd. - \$195,965.00 (excluding H.S.T.) - Contract B**  
**Archibald, Gray & McKay Engineering Limited - \$204,094.00 (excluding H.S.T.) - Contract C**  
**Delcan Corporation - \$190,358.30 (excluding H.S.T.) - Contract D**  
**Dillon Consulting Ltd. - \$74,800.00 (excluding H.S.T.) - Contract E**

**FINANCE DEPARTMENT REPORT ON THE SOURCES OF FINANCING:**

Finance Department 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>Committed to Date</b>	<b>This Submission</b>	<b>Balance for Future Work</b>
<b>ES2414-12 - 2012 Sewer Replacement</b>				
Engineering	\$1,299,474	\$486,199	\$813,275	\$0
Construction	7,670,337	6,012,284		1,658,053
Construction (PDC Portion)	205,400	205,400		0
City Related Expenses	70,189	70,189		0
	<u>9,245,400</u>	<u>6,774,072</u>	<u>813,275</u>	<u>1,658,053</u>
<b>ES2464-11 - 2011 Separation &amp; CSO Program</b>				
Engineering	599,035	390,301	208,734	0
Construction	3,122,370	1,863,671		1,258,699
City Related Expenses	29,407	29,407		0
	<u>3,750,812</u>	<u>2,283,379</u>	<u>208,734</u>	<u>1,258,699</u>
<b>EW3765-13 - 2013 Main Repl.-Engineering</b>				
Engineering	971,060		971,060	0
Construction	5,259,440	4,197,535		1,061,905
Relocate Utilities	65,000			65,000
City Related Expenses	23,500			23,500
	<u>6,319,000</u>	<u>4,197,535</u>	<u>971,060</u>	<u>1,150,405</u>
<b>TS1446-12 - 2012 Road Rehab.-Main</b>				
Engineering	377,613	327,681	49,932	0
Construction	9,356,974	8,835,598		521,376
City Related Expenses	65,413	65,413		0
	<u>9,800,000</u>	<u>9,228,692</u>	<u>49,932</u>	<u>521,376</u>
<b>TS4067-13 - 2013 Traffic Signals-Mtce.</b>				
Engineering	74,910	40,043	34,867	0
Construction	29,770	29,770		0
Traffic Signals	939,320	73,688		865,632
	<u>1,044,000</u>	<u>143,501</u>	<u>34,867</u>	<u>865,632</u>
<b>TS5123-12 - 2012 Street Light Maintenance</b>				
Engineering	15,000		11,623	3,377
Construction	100,000	89,402		10,598
Traffic Lights	1,385,000	423,445		961,555
	<u>1,500,000</u>	<u>512,847</u>	<u>11,623</u>	<u>975,530</u>
<b>NET ESTIMATED EXPENDITURES</b>	<b><u>\$31,659,212</u></b>	<b><u>\$23,140,026</u></b>	<b><u>\$2,089,491</u></b>	<b><u>\$6,429,695</u></b>
<b>SUMMARY OF FINANCING:</b>				
<b>ES2414-12 - 2012 Sewer Replacement</b>				
Drawdown from Sewage Works Reserve Fund	\$6,290,000	\$3,818,672	\$813,275	\$1,658,053
Federal Gas Tax	2,750,000	2,750,000		0
Cash Recovery from Property Owners (PDC Portion)	205,400	205,400		0
	<u>9,245,400</u>	<u>6,774,072</u>	<u>813,275</u>	<u>1,658,053</u>
<b>ES2464-11 - 2011 Separation &amp; CSO Program</b>				
Drawdown from Sewage Works Reserve Fund	250,000			250,000
Federal Gas Tax	3,500,812	2,283,379	208,734	1,008,699
	<u>3,750,812</u>	<u>2,283,379</u>	<u>208,734</u>	<u>1,258,699</u>
<b>EW3765-13 - 2013 Main Repl.-Engineering</b>				
Capital Water Rates	6,319,000	4,197,535	971,060	1,150,405
<b>TS1446-12 - 2012 Road Rehab.-Main</b>				
Capital Levy	1,179,300	1,179,300		0
Debenture Quota	1,620,360	1,049,052	49,932	521,376
Federal Gas Tax	7,000,340	7,000,340		0
	<u>9,800,000</u>	<u>9,228,692</u>	<u>49,932</u>	<u>521,376</u>
<b>TS4067-13 - 2013 Traffic Signals-Mtce.</b>				
Capital Levy	1,044,000	143,501	34,867	865,632
<b>TS5123-12 - 2012 Street Light Maintenance</b>				
Capital Levy	1,500,000	512,847	11,623	975,530
<b>TOTAL FINANCING</b>	<b><u>\$31,659,212</u></b>	<b><u>\$23,140,026</u></b>	<b><u>\$2,089,491</u></b>	<b><u>\$6,429,695</u></b>

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 AECOM Canada Ltd. - \$124,454.00 (excluding H.S.T.) - Contract A  
 Dillon Consulting Ltd. - \$195,965.00 (excluding H.S.T.) - Contract B  
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1) <u>FINANCIAL NOTE: (EXCLUDING H.S.T.)</u>	<u>ES2414-12</u>	<u>ES2464-11</u>	<u>EW3765-13</u>	<u>TS1446-12</u>
Spriet Associates - Contract #1		\$117,811.65	\$96,391.35	
R.V. Anderson Associates Limited - Contract #2		87,312.50	87,312.50	
AECOM Canada Ltd. - Contract #3	142,122.75		142,122.75	
Archibald, Gray & McKay Engineering Limited - Contract #4	173,148.80		43,287.20	
Stantec Consulting Ltd. - Contract #5	85,868.48		110,402.32	49,067.70
IBI Group - Contract #6	64,416.28		64,416.27	
AECOM Canada Ltd. - Contract A	62,227.00		62,227.00	
Dillon Consulting Ltd. - Contract B	97,982.50		97,982.50	
Archibald, Gray & McKay Engineering Limited - Contract C	102,047.00		102,047.00	
Delcan Corporation - Contract D	19,035.83		125,636.48	
Dillon Consulting Ltd. - Contract E	52,360.00		22,440.00	
<b>TOTAL PER CAPITAL PROJECT (EXCLUDING H.S.T.)</b>	<b>\$799,208.64</b>	<b>\$205,124.15</b>	<b>\$954,265.37</b>	<b>\$49,067.70</b>

<u>FINANCIAL NOTE (continued)</u>	<u>TS4067-13</u>	<u>TS5123-12</u>	<u>TOTAL PER CONTRACT</u>	
			<u>Excluding HST</u>	<u>Incl. HST</u>
Spriet Associates - Contract #1			\$214,203.00	\$217,972.97
R.V. Anderson Associates Limited - Contract #2			174,625.00	177,698.40
AECOM Canada Ltd. - Contract #3			284,245.50	289,248.22
Archibald, Gray & McKay Engineering Limited - Contract #4			216,436.00	220,245.27
Stantec Consulting Ltd. - Contract #5			245,338.50	249,656.46
IBI Group - Contract #6			128,832.55	131,100.00
AECOM Canada Ltd. - Contract A			124,454.00	126,644.39
Dillon Consulting Ltd. - Contract B			195,965.00	199,413.98
Archibald, Gray & McKay Engineering Limited - Contract C			204,094.00	207,686.05
Delcan Corporation - Contract D	34,264.49	11,421.50	190,358.30	193,708.61
Dillon Consulting Ltd. - Contract E			74,800.00	76,116.48
<b>TOTAL PER CAPITAL PROJECT (EXCLUDING H.S.T.)</b>	<b>\$34,264.49</b>	<b>\$11,421.50</b>	<b>\$2,053,351.85</b>	<b>\$2,089,490.83</b>

2) <u>Financial Note: (Charges per Capital Project)</u>	<u>ES2414-12</u>	<u>ES2464-11</u>	<u>EW3765-13</u>	<u>TS1446-12</u>
Contract Price	\$799,209	\$205,124	\$954,265	\$49,068
Add: HST @13%	103,897	26,666	124,054	6,379
Total Contract Price Including Taxes	903,106	231,790	1,078,319	55,447
Less: HST Rebate	89,831	23,056	107,259	5,515
Net Contract Price	<u>\$813,275</u>	<u>\$208,734</u>	<u>\$971,060</u>	<u>\$49,932</u>
<u>Financial Note (continued)</u>	<u>TS4067-13</u>	<u>TS5123-12</u>	<u>TOTAL</u>	
Contract Price	\$34,264	\$11,422	\$2,053,352	
Add: HST @13%	4,454	1,485	266,935	
Total Contract Price Including Taxes	38,718	12,907	2,320,287	
Less: HST Rebate	3,851	1,284	230,796	
Net Contract Price	<u>\$34,867</u>	<u>\$11,623</u>	<u>\$2,089,491</u>	

**NOTE:**

- 3) Additional annual operating costs to the EES budget in 2015 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