

May 17, 2012

(Appoint Consulting Engineers)

Chair and Members  
Civic Works Committee

**RE: Infrastructure Lifecycle Renewal Programs 2013 - 2014**

Capital Project ES2414-11 - 2011 Sewer Replacement Program  
 Capital Project ES2464-11 - 2011 Separation & CSO Program  
 Capital Project EW3765-12 - 2012 Main Replacement - Engineering  
 Capital Project EW3787-12 - 2012 Main Replacement with Major Roadworks  
 Capital Project TS1445 - 2009 Road Rehabilitation  
 Capital Project TS1739-11 - 2011 Bike Lane Program  
 Capital Project TS3014-12 - 2012 Road Rehab - Local & Rural  
 Capital Project TS4067-12 - 2012 Traffic Signals - Maintenance  
 Stantec Consulting Ltd. - \$153,972.50 (excluding H.S.T.) - Contract #1  
 Spriet Associates - \$133,182.50 (excluding H.S.T.) - Contract #2  
 R.V. Anderson Associates Limited - \$137,280.00 (excluding H.S.T.) - Contract #3  
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 Delcan Corporation - \$210,281.50 (excluding H.S.T.) - Contract #10  
 Dillon Consulting Ltd. - \$197,774.50 (excluding H.S.T.) - Contract A  
 Archibald, Gray & McKay Engineering Limited - \$261,222.50 (excluding H.S.T.) - Contract B  
 AECOM Canada Ltd. - \$240,350.00 (excluding H.S.T.) - Contract C

**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 Acting Executive Director, Planning, 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><u>ES2414-11 - 2011 Sewer Replacement Program</u></b>				
Engineering	\$1,407,574	\$765,227	\$642,347	\$0
Construction	8,755,201	6,809,546		1,945,655
Construction (PDC Portion)	276,200	276,200		0
City Related Expenses	44,374	44,374		0
	<u>10,483,349</u>	<u>7,895,347</u>	<u>642,347</u>	<u>1,945,655</u>
<b><u>ES2464-11 - 2011 Separation &amp; CSO Program</u></b>				
Engineering	389,200		389,200	0
Construction	3,353,712	1,815,930		1,537,782
City Related Expenses	7,900	7,900		0
	<u>3,750,812</u>	<u>1,823,830</u>	<u>389,200</u>	<u>1,537,782</u>
<b><u>EW3765-12 - 2012 Main Repl. Engineering</u></b>				
Engineering	884,096	310,454	573,642	0
Construction	5,162,404	2,750,348		2,412,056
Relocate Utilities	65,000			65,000
City Related Expenses	23,500	563		22,937
	<u>6,135,000</u>	<u>3,061,365</u>	<u>573,642</u>	<u>2,499,993</u>
<b><u>EW3787-12 - 2012 Main Repl with Mjr. Rdwrks.</u></b>				
Engineering	453,615	227,071	226,544	0
Construction	1,756,385	607,467		1,148,918
Relocate Utilities	45,000	10,176		34,824
	<u>2,255,000</u>	<u>844,714</u>	<u>226,544</u>	<u>1,183,742</u>
<b><u>TS1445 - 2009 Road Rehab</u></b>				
Engineering	483,121	408,227	74,894	0
Construction	8,153,447	8,079,950		73,497
Relocate Utilities	34,175	34,175		0
City Related Expenses	71,244	71,244		0
	<u>8,741,987</u>	<u>8,593,596</u>	<u>74,894</u>	<u>73,497</u>
<b><u>TS1739-11 - 2011 Bike Lane Program</u></b>				
Engineering	45,000		5,316	39,684
Construction	270,000	12,585		257,415
City Related Expenses	5,000			5,000
	<u>320,000</u>	<u>12,585</u>	<u>5,316</u>	<u>302,099</u>
<b><u>TS3014-12 - 2012 Road Rehab - Local &amp; Rural</u></b>				
Engineering	42,645		42,645	0
Construction	5,057,355	3,741,315		1,316,040
	<u>5,100,000</u>	<u>3,741,315</u>	<u>42,645</u>	<u>1,316,040</u>
<b><u>TS4067-12 - 2012 Traffic Signals - Mtce</u></b>				
Engineering	72,238	50,840	21,398	0
Construction	137,701	137,701		0
Traffic Signals	1,132,061	60,063		1,071,998
	<u>1,342,000</u>	<u>248,604</u>	<u>21,398</u>	<u>1,071,998</u>
<b>NET ESTIMATED EXPENDITURES</b>	<b><u>\$38,128,148</u></b>	<b><u>\$26,221,356</u></b>	<b><u>\$1,975,986</u></b>	<b><u>\$9,930,806</u></b>

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<b>SUMMARY OF FINANCING:</b>	<b>Approved Budget</b>	<b>Committed to Date</b>	<b>This Submission</b>	<b>Balance for Future Work</b>
<b><u>ES2414-11 - 2011 Sewer Replacement Program</u></b>				
Debt Quota	\$1,207,149			\$1,207,149
Drawdown from Sewage Works Reserve Fund	6,250,000	4,869,147	642,347	738,506
Federal Gas Tax	2,750,000	2,750,000		0
Cash Recovery from Property Owners (PDC Portion)	276,200	276,200		0
	<u>10,483,349</u>	<u>7,895,347</u>	<u>642,347</u>	<u>1,945,655</u>
<b><u>ES2464-11 - 2011 Separation &amp; CSO Program</u></b>				
Drawdown from Sewage Works Reserve Fund	250,000			250,000
Federal Gas Tax	3,500,812	1,823,830	389,200	1,287,782
	<u>3,750,812</u>	<u>1,823,830</u>	<u>389,200</u>	<u>1,537,782</u>
<b><u>EW3765-12 - 2012 Main Repl. Engineering</u></b>				
Capital Water Rates	6,135,000	3,061,365	573,642	2,499,993
<b><u>EW3787-12 - 2012 Main Repl with Mjr. Rdwrks.</u></b>				
Capital Water Rates	2,255,000	844,714	226,544	1,183,742
<b><u>TS1445 - 2009 Road Rehab</u></b>				
Debt Quota	183,209	34,818	74,894	73,497
Capital Levy	299,332	299,332		0
Federal Gas Tax	8,167,459	8,167,459		0
Other Contributions - London Hydro	91,987	91,987		0
	<u>8,741,987</u>	<u>8,593,596</u>	<u>74,894</u>	<u>73,497</u>
<b><u>TS1739-11 - 2011 Bike Lane Program</u></b>				
Federal Gas Tax	320,000	12,585	5,316	302,099
<b><u>TS3014-12 - 2012 Road Rehab - Local &amp; Rural</u></b>				
Capital Levy	756,800	756,800		0
Debt Quota	4,343,200	2,984,515	42,645	1,316,040
	<u>5,100,000</u>	<u>3,741,315</u>	<u>42,645</u>	<u>1,316,040</u>
<b><u>TS4067-12 - 2012 Traffic Signals - Mtce</u></b>				
Capital Levy	968,500	248,604	21,398	698,498
Debt Quota	373,500			373,500
	<u>1,342,000</u>	<u>248,604</u>	<u>21,398</u>	<u>1,071,998</u>
<b>TOTAL FINANCING</b>	<b><u>\$38,128,148</u></b>	<b><u>\$26,221,356</u></b>	<b><u>\$1,975,986</u></b>	<b><u>\$9,930,806</u></b>

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- AECOM Canada Ltd. - \$240,350.00 (excluding H.S.T.) - Contract C

<u>FINANCIAL NOTE: (EXCLUDING H.S.T.)</u>	<u>ES2414-11</u>	<u>ES2464-11</u>	<u>EW3765-12</u>	<u>EW3787-12</u>
1) Stantec Consulting Ltd. - Contract #1		\$76,986.25	\$76,986.25	
Spriet Associates - Contract #2	66,591.25		66,591.25	
R.V. Anderson Associates Limited - Contract #3	123,552.00		13,728.00	
Archibald, Gray & McKay Engineering Ltd. - Contract #4	76,289.40		8,476.60	
IBI Group - Contract #5	121,058.03		40,352.67	
Development Engineering Ltd. - Contract #6	23,947.00		53,880.75	
Dillon Consulting Ltd. - Contract #9	78,596.38	78,596.38	84,642.24	
Delcan Corporation - Contract #10	21,028.15			94,626.67
Dillon Consulting Ltd. - Contract A		98,887.25	98,887.25	
Archibald, Gray & McKay Engineering Limited - Contract B		127,999.03		127,999.03
AECOM Canada Ltd. - Contract C	120,175.00		120,175.00	
<b>TOTAL PER CAPITAL PROJECT (EXCLUDING H.S.T.)</b>	<b>\$631,237.21</b>	<b>\$382,468.91</b>	<b>\$563,720.01</b>	<b>\$222,625.70</b>

<u>FINANCIAL NOTE (continued)</u>	<u>TS1445</u>	<u>TS1739-11</u>	<u>TS3014-12</u>	<u>TS4067-12</u>
Stantec Consulting Ltd. - Contract #1				
Spriet Associates - Contract #2				
R.V. Anderson Associates Limited - Contract #3				
Archibald, Gray & McKay Engineering Ltd. - Contract #4				
IBI Group - Contract #5				
Development Engineering Ltd. - Contract #6			41,907.25	
Dillon Consulting Ltd. - Contract #9				
Delcan Corporation - Contract #10	73,598.53			21,028.15
Dillon Consulting Ltd. - Contract A				
Archibald, Gray & McKay Engineering Limited - Contract B		5,224.44		
AECOM Canada Ltd. - Contract C				
<b>TOTAL PER CAPITAL PROJECT (EXCLUDING H.S.T.)</b>	<b>\$73,598.53</b>	<b>\$5,224.44</b>	<b>\$41,907.25</b>	<b>\$21,028.15</b>

<u>FINANCIAL NOTE (continued)</u>	<u>TOTAL PER CONTRACT</u>	
	<u>Excluding HST</u>	<u>Incl. HST</u>
Stantec Consulting Ltd. - Contract #1	\$153,972.50	\$156,682.42
Spriet Associates - Contract #2	133,182.50	135,526.51
R.V. Anderson Associates Limited - Contract #3	137,280.00	139,696.13
Archibald, Gray & McKay Engineering Ltd. - Contract #4	84,766.00	86,257.88
IBI Group - Contract #5	161,410.70	164,251.53
Development Engineering Ltd. - Contract #6	119,735.00	121,842.34
Dillon Consulting Ltd. - Contract #9	241,835.00	246,091.30
Delcan Corporation - Contract #10	210,281.50	213,982.45
Dillon Consulting Ltd. - Contract A	197,774.50	201,255.33
Archibald, Gray & McKay Engineering Limited - Contract B	261,222.50	265,820.02
AECOM Canada Ltd. - Contract C	240,350.00	244,580.16
<b>TOTAL PER CAPITAL PROJECT</b>	<b>\$1,941,810.20</b>	<b>\$1,975,986.07</b>

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<u>Financial Note: (Charges per Capital Project)</u>	<u>ES2414-11</u>	<u>ES2464-11</u>	<u>EW3765-12</u>	<u>EW3787-12</u>
Contract Price	\$631,237	\$382,469	\$563,720	\$222,626
Add: HST @13%	82,061	49,721	73,284	28,941
Total Contract Price Including Taxes	713,298	432,190	637,004	251,567
Less: HST Rebate	70,951	42,990	63,362	25,023
Net Contract Price	<u>\$642,347</u>	<u>\$389,200</u>	<u>\$573,642</u>	<u>\$226,544</u>

<u>Financial Note (continued)</u>	<u>TS1445</u>	<u>TS1739-11</u>	<u>TS3014-12</u>	<u>TS4067-12</u>
Contract Price	\$73,599	\$5,224	\$41,907	\$21,028
Add: HST @13%	9,568	679	5,448	2,734
Total Contract Price Including Taxes	83,167	5,903	47,355	23,762
Less: HST Rebate	8,273	587	4,710	2,364
Net Contract Price	<u>\$74,894</u>	<u>\$5,316</u>	<u>\$42,645</u>	<u>\$21,398</u>

<u>Financial Note (continued)</u>	<u>TOTAL</u>
Contract Price	\$1,941,810
Add: HST @13%	252,436
Total Contract Price Including Taxes	2,194,246
Less: HST Rebate	218,260
Net Contract Price	<u>\$1,975,986</u>

**NOTES:**

- 4) Administration anticipates additional annual operating costs to the Planning, Environmental and Engineering Services budget in 2014 and subsequent years associated with approval of these contracts, noting the amounts are not determined at this time and not associated with engineering assignments but will be included later in the construction phase of these projects and will be presented at the time of contract award, if required.

JG



Alan Dunbar  
Manager of Financial Planning & Policy