Chair and Members October 24, 2017
Civic Works Committee (Award Contract)

RE: Phase 1 Implementation of Cityworks CMMS Solution for Water, Sanitary and Stormwater Infrastructure (Subledger CP160015)

Capital Project ES5419 - Asset Management of the Sewer System Capital Project EW3527 - Asset Maintenance Management System Cityworks - Esri Canada Limited - \$1,244,400 (excluding H.S.T.)

## FINANCE & CORPORATE SERVICES REPORT ON THE SOURCE 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 and City Engineer, the detailed source of financing for this project is:

STIMATED EXPENDITURES   Budget   Budget   To Date   Submission   Future Work		Approved	Revised	Committed	This	Balance for
Sewer System         Separation (Construction)         \$1,913,766         \$1,276,036         \$1,172,185         \$103,851           Construction         366,352         366,352         16,352         350,000           City Related Expenses         100,000         100,000         94,254         5,746           Computer Equipment         79,882         717,612         84,461         633,151         0           EW3527-Asset Maintenance           Management System         2460,000         264,519         233,595         30,924           Engineering         264,519         264,519         233,595         30,924           Construction         1,068,973         494,607         131,027         494,607           City Related Expenses         131,027         131,027         0           Computer Equipment         235,481         809,847         176,696         633,151         50           NET ESTIMATED EXPENDITURES         \$4,160,000         \$4,160,000         \$1,908,570         \$1,266,302         \$995,128           SOURCE OF FINANCING:           ES5419-Asset Management of the         \$880,000         \$880,000         \$880,000         \$0         \$0         \$0         \$0         \$0         \$0         \$0<	ESTIMATED EXPENDITURES	Budget	Budget	To Date	Submission	Future Work
Section   Sect						
Construction         366,352         366,352         16,352         350,000           City Related Expenses         100,000         100,000         94,254         5,746           Computer Equipment         79,882         717,612         84,461         633,151         0           EW3527-Asset Maintenance           Management System           Engineering         264,519         233,595         30,924           Construction         1,068,973         494,607         494,607           City Related Expenses         131,027         131,027         131,027         0           Computer Equipment         235,481         809,847         176,696         633,151         0           Computer Expenses         1,700,000         1,700,000         \$41,318         633,151         525,531           NET ESTIMATED EXPENDITURES         \$4,160,000         \$4,160,000         \$1,908,570         \$1,266,302         1)         \$985,128           SOURCE OF FINANCING:         ES5419-Asset Management of the         Sewer System         \$880,000         \$880,000         \$880,000         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         \$0         <		<b>*</b> =	<b>.</b>	<b>*</b>		<b>*</b>
City Related Expenses         100,000         100,000         94,254         5,746           Computer Equipment         79,882         717,612         84,461         633,151         0           EW3527-Asset Maintenance           Management System         Engineering         264,519         264,519         233,595         30,924           Construction         1,068,973         494,607         494,607         494,607           City Related Expenses         131,027         131,027         131,027         0           Computer Equipment         235,481         809,847         176,696         633,151         0           Computer Equipment         \$4,160,000         \$4,160,000         \$1,908,570         \$1,266,302         1)         \$985,128           NET ESTIMATED EXPENDITURES         \$4,160,000         \$4,160,000         \$1,908,570         \$1,266,302         1)         \$985,128           SOURCE OF FINANCING:           ES5419 - Asset Management of the         Sewer System         \$880,000         \$880,000         \$0         \$0           Capital Sewer Rates         \$880,000         \$1,580,000         \$487,252         633,151         459,597           EW3527-Asset Maintenance         \$0 <td>5 5</td> <td></td> <td></td> <td></td> <td></td> <td></td>	5 5					
Computer Equipment   79,882   717,612   84,461   633,151   0   0   2,460,000   2,460,000   1,367,252   633,151   459,597		,	,	,		
EW3527-Asset Maintenance   Management System   City Related Expenses   Sanagement System   Computer Equipment   System   Capital Rates   Sanagement of the Sewer System   Sanagement of the Sewer System   Sanagement System   Capital Water Rates   Sanagement System   Capital Swater Rates   Sanagement System   Capital Water Rates   Sanagement System	·	,	,	•		5,746
EW3527-Asset Maintenance   Management System   264,519   264,519   233,595   30,924	Computer Equipment					
Management System   264,519   264,519   233,595   30,924		2,460,000	2,460,000	1,367,252	633,151	459,597
Engineering   264,519   264,519   233,595   30,924   20,0000000000000000000000000000000000						
Construction						
City Related Expenses         131,027         131,027         131,027         131,027         0           Computer Equipment         235,481         809,847         176,696         633,151         0           NET ESTIMATED EXPENDITURES         \$4,160,000         \$4,160,000         \$1,908,570         \$1,266,302         1)         \$985,128           SOURCE OF FINANCING:           ES5419-Asset Management of the Sewer System         \$880,000         \$880,000         \$880,000         \$0         \$0           Capital Sewer Rates         \$880,000         \$1,580,000         487,252         633,151         459,597           EW3527-Asset Maintenance         \$2,460,000         2,460,000         1,367,252         633,151         459,597           EW3527-Asset Maintenance         \$950,000         950,000         541,318         408,682         0           Drawdown from Capital Water Rates         950,000         750,000         541,318         408,682         0           Drawdown from Capital Water R.F.         750,000         750,000         541,318         408,682         0           Drawdown from Capital Water R.F.         80,000         \$1,908,570         \$1,266,302         \$985,128           TOTAL FINANCING         \$4,160,000	• •	,	,	233,595		•
Computer Equipment   235,481   809,847   176,696   633,151   525,531     NET ESTIMATED EXPENDITURES   \$4,160,000   \$4,160,000   \$1,908,570   \$1,266,302   1)   \$985,128     SOURCE OF FINANCING: ES5419-Asset Management of the Sewer System   Capital Sewer Rates   \$880,000   \$890,000   \$			,			494,607
1,700,000	City Related Expenses	131,027	131,027			0
NET ESTIMATED EXPENDITURES   \$4,160,000   \$1,908,570   \$1,266,302   1)   \$985,128	Computer Equipment	235,481	809,847	176,696	633,151	
SOURCE OF FINANCING: ES5419-Asset Management of the Sewer System   Capital Sewer Rates   \$880,000   \$880,000   \$880,000   \$880,000   \$0   \$0   \$0   \$0   \$0   \$0   \$0		1,700,000	1,700,000	541,318	633,151	525,531
Capital Sewer Rates   \$880,000   \$880,000   \$880,000   \$880,000   \$0	NET ESTIMATED EXPENDITURES	\$4,160,000	\$4,160,000	\$1,908,570	<b>\$1,266,302</b> 1)	\$985,128
Capital Sewer Rates   \$880,000   \$880,000   \$880,000   \$880,000   \$0	SOURCE OF FINANCING:					
Sewer System           Capital Sewer Rates         \$880,000         \$880,000         \$880,000         \$0           Drawdown from Sewage Works R.F.         1,580,000         1,580,000         487,252         633,151         459,597           EW3527-Asset Maintenance Management System         Capital Water Rates         950,000         950,000         541,318         408,682         0           Drawdown from Capital Water R.F.         750,000         750,000         224,469         525,531           TOTAL FINANCING         \$4,160,000         \$4,160,000         \$1,908,570         \$1,266,302         \$985,128           ) Financial Note: Contract Price Add: HST @13%         80,886         80,886         161,772         1,406,172           Total Contract Price Including Taxes Less: HST Rebate         69,935         69,935         139,870         139,870						
Capital Sewer Rates         \$880,000         \$880,000         \$880,000         \$0           Drawdown from Sewage Works R.F.         1,580,000         1,580,000         487,252         633,151         459,597           EW3527-Asset Maintenance Management System         Capital Water Rates         950,000         950,000         541,318         408,682         0           Drawdown from Capital Water R.F.         750,000         750,000         224,469         525,531           TOTAL FINANCING         \$4,160,000         \$4,160,000         \$1,908,570         \$1,266,302         \$985,128           Pinancial Note:         ES5419         EW3527         TOTAL           Contract Price         \$622,200         \$622,200         \$1,244,400           Add: HST @13%         80,886         80,886         161,772           Total Contract Price Including Taxes         703,086         703,086         703,086         1,406,172           Less: HST Rebate         69,935         69,935         139,870						
Drawdown from Sewage Works R.F.         1,580,000 2,460,000         487,252 633,151         459,597           EW3527-Asset Maintenance Management System         2,460,000 950,000 541,318 408,682 0         0           Capital Water Rates Drawdown from Capital Water R.F.         950,000 750,000 224,469 525,531 1,700,000 541,318 633,151 525,531         525,531 525,531           TOTAL FINANCING         \$4,160,000 \$4,160,000 \$1,908,570 \$1,266,302 \$985,128         \$985,128           Pinancial Note: Contract Price Add: HST @13% Total Contract Price Including Taxes Less: HST Rebate         \$0,935 69,935 139,870         \$1,908,570 \$1,266,302 \$1,244,400 \$1,772 \$1,000		\$880.000	\$880,000	\$880.000		\$0
2,460,000   2,460,000   1,367,252   633,151   459,597					633,151	
EW3527-Asset Maintenance           Management System         Capital Water Rates         950,000         950,000         541,318         408,682         0           Drawdown from Capital Water R.F.         750,000         750,000         224,469         525,531           TOTAL FINANCING         \$4,160,000         \$4,160,000         \$1,908,570         \$1,266,302         \$985,128           Pinancial Note:         ES5419         EW3527         TOTAL           Contract Price         \$622,200         \$622,200         \$1,244,400           Add: HST @13%         80,886         80,886         161,772           Total Contract Price Including Taxes         703,086         703,086         1,406,172           Less: HST Rebate         69,935         69,935         139,870						
Management System           Capital Water Rates         950,000         950,000         541,318         408,682         0           Drawdown from Capital Water R.F.         750,000         750,000         224,469         525,531           1,700,000         1,700,000         541,318         633,151         525,531           TOTAL FINANCING         \$4,160,000         \$1,908,570         \$1,266,302         \$985,128           Financial Note:         ES5419         EW3527         TOTAL           Contract Price         \$622,200         \$622,200         \$1,244,400           Add: HST @13%         80,886         80,886         161,772           Total Contract Price Including Taxes         703,086         703,086         1,406,172           Less: HST Rebate         69,935         69,935         139,870	EW3527-Asset Maintenance	, ,	, ,	, ,	•	•
Capital Water Rates         950,000         950,000         541,318         408,682         0           Drawdown from Capital Water R.F.         750,000         750,000         224,469         525,531           1,700,000         1,700,000         541,318         633,151         525,531           TOTAL FINANCING         \$4,160,000         \$1,908,570         \$1,266,302         \$985,128           Pinancial Note:         ES5419         EW3527         TOTAL           Contract Price         \$622,200         \$622,200         \$1,244,400           Add: HST @13%         80,886         80,886         161,772           Total Contract Price Including Taxes         703,086         703,086         1,406,172           Less: HST Rebate         69,935         69,935         139,870						
TOTAL FINANCING   \$4,160,000   \$1,700,000   541,318   633,151   525,531     TOTAL FINANCING   \$4,160,000   \$1,908,570   \$1,266,302   \$985,128     Financial Note:		950,000	950,000	541,318	408,682	0
TOTAL FINANCING   \$4,160,000   \$1,700,000   541,318   633,151   525,531     TOTAL FINANCING   \$4,160,000   \$1,908,570   \$1,266,302   \$985,128     Financial Note:	Drawdown from Capital Water R.F.	750,000	750,000	•	224,469	525,531
Financial Note: ES5419 EW3527 TOTAL	·			541,318		
Financial Note: ES5419 EW3527 TOTAL	TOTAL FINANCING	\$4,160,000	\$4,160,000	\$1,908,570	\$1,266,302	\$985,128
Contract Price         \$622,200         \$622,200         \$1,244,400           Add: HST @13%         80,886         80,886         161,772           Total Contract Price Including Taxes         703,086         703,086         1,406,172           Less: HST Rebate         69,935         69,935         139,870						
Add: HST @13%       80,886       80,886       161,772         Total Contract Price Including Taxes       703,086       703,086       1,406,172         Less: HST Rebate       69,935       69,935       139,870	) Financial Note:		ES5419	EW3527	TOTAL	
Total Contract Price Including Taxes         703,086         703,086         1,406,172           Less: HST Rebate         69,935         69,935         139,870	Contract Price		\$622,200	\$622,200	\$1,244,400	
Less: HST Rebate	Add: HST @13%		80,886	80,886	161,772	
	Total Contract Price Including Taxes		703,086	703,086	1,406,172	
	Less: HST Rebate		69,935	69,935	139,870	
	Net Contract Price		\$633,151	\$633,151	\$1,266,302	

<sup>2)</sup> The total cost for Phase 1, Implementation of Cityworks CMMS Solution for Water, Sanitary and Stormwater is \$1,985,400, which includes the acquisition of the Cityworks system for \$1,244,400 from the Capital Budget and \$741,000 (\$247,000 per year) over three (3) years for software licences which is funded from the Operating Budget.

Jason Senese Manager of Financial Planning & Policy

1)