

APPENDIX 'A'

Chair and Members
Civic Works Committee

#17112
June 7, 2017
(Award Contract)

RE: Clean Water and Wastewater Fund
Purchase of Major Organic Rankine Cycle System Components for Power Generation at the Greenway Wastewater Treatment Plant (Subledger FS17GW02)
Capital Project ES6075 - Power Generation & Waste Heat Recovery System
Turboden, S.r.l. - \$2,800,000 (excluding H.S.T.) - ORC System Power Unit
Arvos Schmidtsche Schack LLC - \$1,100,000 (excluding H.S.T.) - ORC System Heat Exchanger

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 and Engineering Services and City Engineer, the detailed source of financing for this project is:

<u>ESTIMATED EXPENDITURES</u>	<u>Approved Budget</u>	<u>Committed To Date</u>	<u>This Submission</u>	<u>Balance for Future Work</u>
Engineering	\$1,025,460	\$915,840		\$109,620
Construction	702,900			702,900
City Related Expenses	2,000			2,000
Replace Vehicles & Equipment	3,968,640		3,968,640	0
NET ESTIMATED EXPENDITURES	<u>\$5,699,000</u>	<u>\$915,840</u>	<u>\$3,968,640</u> 1)	<u>\$814,520</u>

SOURCE OF FINANCING:

Drawdown from Sewage Works Reserve Fund	\$1,424,750	\$228,960	\$992,160	\$203,630
Clean Water and Wastewater Fund 2)	4,274,250	686,880	2,976,480	610,890
TOTAL FINANCING	<u>\$5,699,000</u>	<u>\$915,840</u>	<u>\$3,968,640</u>	<u>\$814,520</u>

Financial Note:

	<u>ORC System Power Unit</u>	<u>ORC System Heat Exchanger</u>	<u>TOTAL</u>
1) Contract Price	\$2,800,000	\$1,100,000	\$3,900,000
Add: HST @13%	364,000	143,000	507,000
Total Contract Price Including Taxes	3,164,000	1,243,000	4,407,000
Less: HST Rebate	314,720	123,640	438,360
Net Contract Price	<u>\$2,849,280</u>	<u>\$1,119,360</u>	<u>\$3,968,640</u>

2) The CWWF funding for this project is subject to Council approval of the CWWF Transfer Payment Agreement on June 13, 2017.

JG

Jason Senese
Manager of Financial Planning & Policy