

Appendix "A"

#21188
November 23, 2021
(Award Contract)

Chair and Members
Civic Works Committee

RE: Contract Award: Tender No. 21-98
Downtown Loop and Municipal Infrastructure Improvements Phase 2
(Subledger RD210014)
Capital Project ES302519 - Wastewater Servicing Built Area Works (2019-2023)
Capital Project ES241421 - Infrastructure Renewal Program - Sanitary Sewer
Capital Project ES254020 - Infrastructure Renewal Program - Stormwater Sewers and Treatment
Capital Project EW376521 - Infrastructure Renewal Program - Watermains
Capital Project RT1430-7A - Downtown Loop - Construction Rapid Transit
Capital Project RT1430-7D - Downtown Loop - Stops Rapid Transit
Capital Project RT1430-7C - Downtown Loop - TIMMS Rapid Transit
J-AAR Excavating Limited - \$17,170,499.96 (excluding HST)
Dillon Consulting Limited - \$1,532,614.00 (excluding HST)

Finance Supports Report on the Sources of Financing:

Finance Supports confirms that the cost of this purchase can be accommodated within the financing available for it in the Capital Budget, and that, subject to the approval of Deputy City Manager, Environment and Infrastructure, the detailed source of financing is:

Estimated Expenditures	Approved Budget (Note 1)	Revised Budget	Committed To This Date	This Submission	Balance for Future Work
ES302519 - Wastewater Servicing Built Area Works (2019-2023)					
Engineering	719,319	719,319	435,473	104,492	179,354
Construction	8,837,429	8,837,429	4,872,046	1,171,518	2,793,865
ES302519 Total	9,556,748	9,556,748	5,307,519	1,276,010	2,973,219
ES241421 - Infrastructure Renewal Program - Sanitary Sewer					
Engineering	2,000,000	2,000,000	1,124,866	224,580	650,554
Construction	11,615,864	11,615,864	7,931,213	2,514,921	1,169,730
Construction (Utilities Share)	116,098	116,098	116,098	0	0
City Related Expenses	25,000	25,000	1,627	0	23,373
ES241421 Total	13,756,962	13,756,962	9,173,804	2,739,501	1,843,657
ES254020 - Infrastructure Renewal Program - Stormwater Sewers and Treatment					
Engineering	3,204,017	3,204,017	3,108,881	95,136	0
Land Acquisition	1,500	1,500	1,500	0	0
Construction	10,630,148	10,630,148	8,884,977	1,071,394	673,777
City Related Expenses	100,000	100,000	13,902	0	86,098
ES254020 Total	13,935,665	13,935,665	12,009,260	1,166,530	759,875
EW376521 - Infrastructure Renewal Program - Watermains					
Engineering	2,500,000	2,500,000	1,304,232	166,877	1,028,891
Construction	13,448,282	13,448,282	10,052,412	1,864,131	1,531,739
City Related Expenses	245,679	245,679	245,679	0	0
EW376521 Total	16,193,961	16,193,961	11,602,323	2,031,008	2,560,630
RT1430-7A - Downtown Loop - Construction Rapid Transit					
Engineering	1,589,727	1,589,727	809,933	779,794	0
Engineering (Utilities Share)	54,486	147,975	54,486	93,489	0
Construction	12,934,731	12,934,731	4,198,955	8,735,776	0
Construction (Utilities Share)	524,359	1,571,271	524,359	1,046,912	0
Utilities	4,082,542	4,082,542	434,464	126,141	3,521,937
City Related Expenses	1,034,209	1,034,209	32,329	0	1,001,880
RT1430-7A Total	20,220,054	21,360,455	6,054,526	10,782,112	4,523,817
RT1430-7D - Downtown Loop - Stops Rapid Transit					
Engineering	52,700	52,700	21,508	31,192	0
Construction	4,390,099	4,390,099	207,841	350,099	3,832,159
City Related Expenses	201	201	201	0	0
RT1430-7D Total	4,443,000	4,443,000	229,550	381,291	3,832,159
RT1430-7C - Downtown Loop - TIMMS Rapid Transit					
Engineering	90,294	90,294	38,828	51,466	0
Construction	1,659,706	1,659,706	361,210	582,272	716,224
RT1430-7C Total	1,750,000	1,750,000	400,038	633,738	716,224
Total Expenditures	\$79,856,390	\$80,996,791	\$44,777,020	\$19,010,190	\$17,209,581

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Sources of Financing	Approved Budget	Revised Budget	Committed To This Date	This Submission	Balance for Future Work
ES302519 - Wastewater Servicing Built Area Works (2019-2023)					
Drawdown from Sewage Works Renewal Reserve Fund	5,963,412	5,963,412	2,954,730	225,854	2,782,828
Drawdown from City Services - Wastewater Reserve Fund (Development Charges) (note 2)	3,593,336	3,593,336	2,352,789	1,050,156	190,391
ES302519 Total	9,556,748	9,556,748	5,307,519	1,276,010	2,973,219
ES241421 - Infrastructure Renewal Program - Sanitary Sewer					
Capital Sewer Rates	9,140,864	9,140,864	9,057,706	83,158	0
Drawdown from Sewage Works Renewal Reserve Fund	2,250,000	2,250,000	0	406,343	1,843,657
Canada Community-Building Fund (Federal Gas Tax)	2,250,000	2,250,000	0	2,250,000	0
Other Contributions	116,098	116,098	116,098	0	0
ES241421 Total	13,756,962	13,756,962	9,173,804	2,739,501	1,843,657
ES254020 - Infrastructure Renewal Program - Stormwater Sewers and Treatment					
Capital Sewer Rates	2,277,960	2,277,960	2,277,960	0	0
Drawdown from Sewage Works Renewal Reserve Fund	9,185,908	9,185,908	7,259,503	1,166,530	759,875
Canada Community-Building Fund (Federal Gas Tax)	2,445,671	2,445,671	2,445,671	0	0
Other Contributions	26,126	26,126	26,126	0	0
ES254020 Total	13,935,665	13,935,665	12,009,260	1,166,530	759,875
EW376521 - Infrastructure Renewal Program - Watermains					
Capital Water Rates	11,672,800	11,672,800	11,592,789	80,011	0
Drawdown from Water Works Renewal Reserve Fund	3,910,610	3,910,610	0	1,349,980	2,560,630
Canada Community-Building Fund (Federal Gas Tax)	601,017	601,017	0	601,017	0
Other Contributions	9,534	9,534	9,534	0	0
EW376521 Total	16,193,961	16,193,961	11,602,323	2,031,008	2,560,630
RT1430-7A - Downtown Loop - Construction Rapid Transit					
Capital Levy	398,112	398,112	110,988	195,430	91,694
Public Transit Infrastructure Stream (PTIS) - Federal Funding	7,856,484	7,856,484	2,190,273	3,856,685	1,809,527
Public Transit Infrastructure Stream (PTIS) - Provincial Funding	6,546,415	6,546,415	1,825,044	3,213,582	1,507,788
Drawdown from City Services - Roads Reserve Fund (Development Charges) (note 2)	4,840,198	4,840,198	1,349,376	2,376,014	1,114,808
Other Contributions (note 3)	578,845	1,719,246	578,845	1,140,401	0
RT1430-7A Total	20,220,054	21,360,455	6,054,526	10,782,112	4,523,817
RT1430-7D - Downtown Loop - Stops Rapid Transit					
Capital Levy	675,420	675,420	34,896	57,963	582,561
Public Transit Infrastructure Stream (PTIS) - Federal Funding	1,777,200	1,777,200	91,820	152,516	1,532,864
Public Transit Infrastructure Stream (PTIS) - Provincial Funding	1,480,852	1,480,852	76,509	127,084	1,277,259
Drawdown from City Services - Roads Reserve Fund (Development Charges) (note 2)	509,528	509,528	26,325	43,727	439,476
RT1430-7D Total	4,443,000	4,443,000	229,550	381,291	3,832,159
RT1430-7C - Downtown Loop - TIMMS Rapid Transit					
Capital Levy	35,471	35,471	8,108	12,845	14,517
Public Transit Infrastructure Stream (PTIS) - Federal Funding	700,000	700,000	160,015	253,495	286,490
Public Transit Infrastructure Stream (PTIS) - Provincial Funding	583,275	583,275	133,333	211,225	238,717
Drawdown from City Services - Roads Reserve Fund (Development Charges) (note 2)	431,254	431,254	98,582	156,173	176,500
RT1430-7C Total	1,750,000	1,750,000	400,038	633,738	716,224
Total Financing	\$79,856,390	\$80,996,791	\$44,777,020	\$19,010,190	\$17,209,581

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Financial Note (Engineering)	ES302519E	ES241421	ES254020	EW376521	RT1430-7A
Contract Price	\$102,685	\$220,696	\$93,490	\$163,990	\$766,307
Add: HST @13%	13,349	28,690	12,154	21,319	99,620
Total Contract Price Including Taxes	116,034	249,386	105,644	185,309	865,927
Less: HST Rebate	-11,542	-24,806	-10,508	-18,432	-86,133
Net Contract Price	\$104,492	\$224,580	\$95,136	\$166,877	\$779,794

RT1430-7A					
	Utilities	London Hydro Rogers	Enwave	RT1430-7D	
Contract Price	\$10,728	\$65,902	\$22,989	\$4,598	\$30,652
Add: HST @13%	1,395	8,567	2,989	598	3,985
Total Contract Price Including Taxes	12,123	74,469	25,978	5,196	34,637
Less: HST Rebate	-1,206	-8,567	-2,989	-598	-3,445
Net Contract Price	\$10,917	\$65,902	\$22,989	\$4,598	\$31,192

		Total Engineering	
	RT1430-7C		
Contract Price	\$50,576	\$1,532,613	
Add: HST @13%	6,575	199,241	
Total Contract Price Including Taxes	57,151	1,731,854	
Less: HST Rebate	-5,685	-173,911	
Net Contract Price	\$51,466	\$1,557,943	

Financial Note (Construction):	ES302519E	ES241421	ES254020	EW376521	RT1430-7A
Contract Price	\$1,151,256	\$2,471,424	\$1,052,864	\$1,831,889	\$8,584,686
Add: HST @13%	149,663	321,285	136,872	238,146	1,116,009
Total Contract Price Including Taxes	1,300,919	2,792,709	1,189,736	2,070,035	9,700,695
Less: HST Rebate	-129,401	-277,788	-118,342	-205,904	-964,919
Net Contract Price	\$1,171,518	\$2,514,921	\$1,071,394	\$1,864,131	\$8,735,776

RT1430-7A					
	Utilities	London Hydro Rogers	Enwave	RT1430-7D	
Contract Price	\$115,224	\$742,506	\$258,298	\$46,108	\$344,043
Add: HST @13%	14,979	96,526	33,579	5,994	44,726
Total Contract Price Including Taxes	130,203	839,032	291,877	52,102	388,769
Less: HST Rebate	-14,979	-96,526	-33,579	-5,994	-38,670
Net Contract Price	\$115,224	\$742,506	\$258,298	\$46,108	\$350,099

		Total Construction	
	RT1430-7C		
Contract Price	\$572,202	\$17,170,500	
Add: HST @13%	74,386	2,232,165	
Total Contract Price Including Taxes	646,588	19,402,665	
Less: HST Rebate	-64,316	-1,950,418	
Net Contract Price	\$582,272	\$17,452,247	

Other Works (including utilities)			
	Rapid Transit Total	Total	Total
Contract Price	\$10,348,466	\$8,354,647	\$18,703,113
Add: HST @13%	389,137	2,042,269	2,431,406
Total Contract Price Including Taxes	10,737,603	10,396,916	21,134,519
Less: HST Rebate	-336,452	-1,787,877	-2,124,329
Net Contract Price	\$10,401,151	\$8,609,039	\$19,010,190

Note 1: Approved Budget amounts presented include the 2022 approved capital budgets due to the timing of the construction.
Note 2: Development charges have been utilized in accordance with the underlying legislation and the approved 2019 Development Charges Background Study and the 2021 Development Charges Background Study Update.
Note 3: London Hydro, Rogers Communication and Enwave have confirmed their contribution towards this project. The expenditures have increased to accommodate their contributions.
Note 4: The operational budget impacts for the roadway maintenance portion for each phase of Downtown Loop will be captured through annual assessment growth cases.

Jason Davies
Manager of Financial Planning & Policy