

Appendix B-1: Consulting Services Expenditures Summary - Capital

By Consulting Category for City Divisions and A&Cs (Details in Appendix B-3)

Category	2020 Actual	2019 Actual ¹	Increase (Decrease)	2020 Expenditure by Category	2019 Expenditure by Category ¹
	(\$000's)			%	
City Divisions					
Creative Communications	8.0	15.9	(49.6%)	0.1%	0.1%
Information Technology	518.7	236.1	119.7%	4.3%	1.8%
Legal	76.3	-	100.0%	0.6%	0.0%
Management / Research & Development	2,474.3	2,549.4	(2.9%)	20.6%	19.7%
Technical	8,933.8	10,137.8	(11.9%)	74.4%	78.3%
Total City Divisions	12,011.1	12,939.2	(7.2%)	100.0%	100.0%
A&Cs					
Creative Communications	181.5	441.7	(58.9%)	1.3%	3.9%
Information Technology	141.3	47.5	197.4%	1.0%	0.4%
Legal	4,269.3	1,472.2	190.0%	30.2%	13.1%
Management / Research & Development	2,464.2	1,831.7	34.5%	17.4%	16.3%
Technical	7,066.9	7,431.9	(4.9%)	50.0%	66.2%
Total A&Cs	14,123.2	11,225.0	25.8%	100.0%	100.0%
Grand Total	26,134.3	24,164.2	8.2%		

¹ Certain corresponding figures have been restated where revised data was received for 2019.

Appendix B-2: Consulting Services Expenditures Summary - Capital

By Consulting Category for City Divisions and A&Cs (Details in Appendix B-3)

Category	Creative Comm.	Info. Tech.	Legal	Mgmt./ R&D	Tech.	2020 Total	2019 Total ¹	Increase / (Decrease)
(\$ 000's)								%
City Divisions								
City Manager	-	-	-	-	-	-	127.0	(100.0%)
Community and Social Services	-	-	-	6.6	-	6.6	6.6	-
Corporate Services	-	251.9	-	17.8	443.7	713.4	1,086.9	(34.4%)
Finance & Treasury Services	-	-	76.3	971.2	-	1,047.5	285.5	266.9%
Infrastructure and Development	8.0	266.8	-	1,478.6	8,490.1	10,243.6	11,433.2	(10.4%)
Total City Divisions	8.0	518.7	76.3	2,474.3	8,933.8	12,011.1	12,939.2	(7.2%)
Category	Creative Comm.	Info. Tech.	Legal	Mgmt./ R&D	Tech.	2020 Total	2019 Total ¹	Increase / (Decrease)
A&Cs								
Exhibition Place	-	-	-	-	-	-	23.6	(100.0%)
TO Live	-	-	-	-	1,075.0	1,075.0	804.3	33.7%
Toronto Community Housing Corporation	-	-	2,922.8	-	-	2,922.8	426.4	585.5%
Toronto Police Service	-	135.2	39.8	29.9	191.0	396.0	553.2	(28.4%)
Toronto Police Services Board	-	-	-	-	-	-	-	-
Toronto Public Library Board	-	-	-	-	-	-	48.5	(100.0%)
Toronto Transit Commission	-	-	807.4	1,567.8	5,501.3	7,876.5	7,388.5	6.6%
Toronto Waterfront Revitalization Corporation	181.5	6.1	499.2	412.7	165.3	1,264.7	1,488.0	(15.0%)
Toronto Zoo	-	-	-	453.8	134.3	588.1	492.4	19.4%
Total A&Cs	181.5	141.3	4,269.3	2,464.2	7,066.9	14,123.2	11,225.0	25.8%
Grand Total	189.5	660.0	4,345.6	4,938.5	16,000.8	26,134.3	24,164.2	8.2%

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Appendix B-3: 2020 Consulting Services Expenditure - Capital

Service Group / Agency / Corporation	Division/Board	Expense Category	Contract / PO / DPO Date (dd mmm yy)	Contract / PO / DPO No(s)	Consultant s Name	Description of Work	2020 Expenditure	2019 Expenditure ¹
City Manager	City Clerk's Office	Management / Research & Development	17-Sep-19	6049485	MNP LLP	To provide analysis and recommendations on Election Vote Counting Technology Option.	-	127,017
City Manager Total							-	127,017

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Community and Social Services	Economic Development & Culture	Management / Research & Development	17-Oct-19	3586056	Gladki Planning Associates Inc.	To provide advice for planning services relating to the Museum of Toronto.	6,619	6,619
Community and Social Services Total							6,619	6,619

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Corporate Services	311 Toronto	Management / Research & Development	28-Feb-19	6048438	Deloitte LLP	To assist with customer service vision for the Transformation Office.	-	101,760
Corporate Services	Corporate Real Estate Management	Information Technology	16-Oct-20	6051146	Deloitte LLP	To provide professional services to build an enterprise architecture to help Toronto Service Desk (TSD) achieve the vision of enabling employee mobility and office modernization.	251,856	-
Corporate Services	Corporate Real Estate Management	Technical	18-Dec-15	6042500	RPL Architects Inc.	To provide consulting services on the Port Lands Yard Consolidation Feasibility Study.	-	12,295
Corporate Services	Corporate Real Estate Management	Technical	30-Aug-16	6043827	WSP Canada Group Limited	To provide consulting services on the Building Condition Assessment - Metro Hall.	16,485	69,067
Corporate Services	Corporate Real Estate Management	Technical	02-Nov-17	6045899	Architecture Evoq Inc	To provide consulting services on the Assessment of the structure of the Wellington Destructor at 677 Wellington St. W.	-	62,062
Corporate Services	Corporate Real Estate Management	Technical	15-Dec-17	6046205	Brookfield Financial	To provide real estate advisory services - Wellington Destructor at 677 Wellington St. W.	13,127	27,068
Corporate Services	Corporate Real Estate Management	Technical	05-Jan-18	6046297	Read Jones Christoffersen Ltd.	To provide consulting services on the Mel Lastman & Albert Campbell Square conceptual design study.	(16,083)	217,600
Corporate Services	Corporate Real Estate Management	Technical	11-Apr-18	3567323	Soberman Engineering Inc.	To provide elevator modernization services - 185 Fifth Street.	-	4,834
Corporate Services	Corporate Real Estate Management	Technical	17-May-18	6046908	WSP Canada Group Limited	To provide consulting services on the Dockwall Rehabilitation site review.	264,197	61,268
Corporate Services	Corporate Real Estate Management	Technical	01-Nov-18	6047837	NORR Ltd	To provide a peer review for the Union Station South Concourse.	2,939	6,706
Corporate Services	Corporate Real Estate Management	Technical	20-Mar-19	9215163	Arencon Inc.	To conduct a fire and life safety audit of City facilities and report back to the appropriate Committee on findings, including required corrective actions.	-	44,978
Corporate Services	Corporate Real Estate Management	Technical	20-Mar-19	9215168	CodeNext Inc.	To conduct a fire and life safety audit of City facilities and report back to the appropriate Committee on findings, including required corrective actions.	-	52,296
Corporate Services	Corporate Real Estate Management	Technical	20-Mar-19	9215172	Innovative Fire Inc.	To conduct a fire and life safety audit of City facilities and report back to the appropriate Committee on findings, including required corrective actions.	4,890	40,378
Corporate Services	Corporate Real Estate Management	Technical	20-Mar-19	9215177	Morrison Hershfield	To conduct a fire and life safety audit of City facilities and report back to the appropriate Committee on findings, including required corrective actions.	-	60,648
Corporate Services	Corporate Real Estate Management	Technical	01-May-19	9227193	CodeNext Inc.	To conduct a fire and life safety audit of City facilities and report back to the appropriate Committee on findings, including required corrective actions.	-	4,030
Corporate Services	Corporate Real Estate Management	Technical	02-May-19	9227555	CodeNext Inc.	To conduct a fire and life safety audit of City facilities and report back to the appropriate Committee on findings, including required corrective actions.	-	88,850
Corporate Services	Corporate Real Estate Management	Technical	06-May-19	9227946	Innovative Fire Inc.	To conduct a fire and life safety audit of City facilities and report back to the appropriate Committee on findings, including required corrective actions.	-	828
Corporate Services	Corporate Real Estate Management	Technical	19-Jun-19	9237068	CodeNext Inc.	To conduct a fire and life safety audit of City facilities and report back to the appropriate Committee on findings, including required corrective actions.	-	5,129

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Corporate Services	Corporate Real Estate Management	Technical	19-Jun-19	9237079	CodeNext Inc.	To conduct a fire and life safety audit of City facilities and report back to the appropriate Committee on findings, including required corrective actions.	-	2,656
Corporate Services	Corporate Real Estate Management	Technical	19-Jun-19	9237076	Innovative Fire Inc.	To conduct a fire and life safety audit of City facilities and report back to the appropriate Committee on findings, including required corrective actions.	-	840
Corporate Services	Corporate Real Estate Management	Technical	20-Jun-19	9237445	Innovative Fire Inc.	To conduct a fire and life safety audit of City facilities and report back to the appropriate Committee on findings, including required corrective actions.	-	27,918
Corporate Services	Corporate Real Estate Management	Technical	17-Jul-19	9244906	Innovative Fire Inc.	To conduct a fire and life safety audit of City facilities and report back to the appropriate Committee on findings, including required corrective actions.	-	631
Corporate Services	Corporate Real Estate Management	Technical	17-Jul-19	9244908	Innovative Fire Inc.	To conduct a fire and life safety audit of City facilities and report back to the appropriate Committee on findings, including required corrective actions.	-	434
Corporate Services	Corporate Real Estate Management	Technical	17-Jul-19	9244911	Innovative Fire Inc.	To conduct a fire and life safety audit of City facilities and report back to the appropriate Committee on findings, including required corrective actions.	-	2,405
Corporate Services	Corporate Real Estate Management	Technical	17-Jul-19	9244920	Innovative Fire Inc.	To conduct a fire and life safety audit of City facilities and report back to the appropriate Committee on findings, including required corrective actions.	-	6,296
Corporate Services	Corporate Real Estate Management	Technical	27-Sep-19	3585336	Read Jones Christoffersen Ltd.	To provide consulting services on a State of Good Repair Assessment and Energy Audit/Climate Change Assessment.	-	39,941
Corporate Services	Corporate Real Estate Management	Technical	07-Oct-19	9264798	Innovative Fire Inc.	To conduct a fire and life safety audit of City facilities and report back to the appropriate Committee on findings, including required corrective actions.	-	49,684
Corporate Services	Corporate Real Estate Management	Technical	30-Oct-19	9268655	Codenext Inc.	To conduct a fire and life safety audit of City facilities and report back to the appropriate Committee on findings, including required corrective actions.	-	39,297
Corporate Services	Corporate Real Estate Management	Technical	07-Nov-19	9271503	Innovative Fire Inc.	To conduct a fire and life safety audit of City facilities and report back to the appropriate Committee on findings, including required corrective actions.	-	14,038
Corporate Services	Corporate Real Estate Management	Technical	03-Dec-19	9278022	CodeNext Inc.	To conduct a fire and life safety audit of City facilities and report back to the appropriate Committee on findings, including required corrective actions.	-	8,975
Corporate Services	Corporate Real Estate Management	Technical	03-Dec-19	9278030	CodeNext Inc.	To conduct a fire and life safety audit of City facilities and report back to the appropriate Committee on findings, including required corrective actions.	-	366
Corporate Services	Corporate Real Estate Management	Technical	21-Jan-20	6050182	Deloitte LLP	To provide consulting services for the development of the City of Toronto's Workplace Optimization Plan. This will facilitate the transformation of the City's office portfolio into efficient, modern, financial sustainability, and talent attraction/retention.	158,156	-
Corporate Services	Corporate Real Estate Management	Management / Research & Development			JC Williams Group Ltd	To provide real estate advisory services to support the development and implementation of a new operating model for the St. Lawrence North Market and St. Lawrence Hall.	17,808	-
Corporate Services	Environment & Energy	Technical	13-Sep-19	3584831	MCW Custom Energy Solutions Ltd.	To provide a study at six facilities with recommendations on improvements for energy saving and comfort conditions.	-	33,611

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Corporate Services Total							713,375	1,086,890
Finance & Treasury Services	Controller	Legal	01-Nov-20	47023334	Deeth Williams Wall LLP	To provide external legal support for the procurement.	76,281	-
Finance & Treasury Services	Controller	Management / Research & Development	10-Jul-19	6049138	Accenture Inc.	To provide strategic advice and pre-planning for financial transformation.	132,288	106,848
Finance & Treasury Services	Controller	Management / Research & Development	25-May-20	6050599	Ernst & Young LLP	To provide specialized procurement and system integration advisory support as part of the Financial Sustainability Corporate Strategic Priority.	819,168	-
Finance & Treasury Services	Controller	Management / Research & Development	20-Jul-20	6050810	MNP LLP	To provide independent third party fairness monitoring services for procurement.	19,787	-
Finance & Treasury Services	Pension, Payroll & Employee Benefits	Technical	14-Sep-15	6041950	Caillan Ltd	To provide consulting services on the Assessment and implementation of Time, Attendance and Scheduling System - Cross-Application Timesheets.	-	178,639
Finance & Treasury Services Total							1,047,523	285,487

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Infrastructure and Development	City Planning	Creative Communications	14-Sep-18	3572690	Swerhun Inc.	To design and execute a comprehensive Consultation Plan for the Draft Biodiversity Strategy.	-	14,975
Infrastructure and Development	City Planning	Creative Communications	21-Oct-20	3598209	Gladki Planning Associates Inc.	To provide and deliver for an online community engagement and public consultation services for the Christie's Planning Study.	8,039	-
Infrastructure and Development	City Planning	Management / Research & Development	20-Jun-18	6047103	SVN Architects & Planners Inc.	To provide advice on the planning and urban design for the Main Street Planning Study. The negative amount in 2020 relates to an adjustment made to expenditure reported in 2019.	(1,450)	46,863
Infrastructure and Development	City Planning	Management / Research & Development	27-Mar-19	6045745	Dillon Consulting Ltd	To prepare the Eglinton East LRT Communications and Consultation Strategy. The negative amount in 2020 is a reversal of an accrual made and reported in 2019.	(17,823)	78,013
Infrastructure and Development	City Planning	Management / Research & Development	16-Sep-19	6049477	RWDI	To provide an update on the City of Toronto's Wind Studies Terms of Reference.	42,994	11,855
Infrastructure and Development	City Planning	Management / Research & Development	25-May-20	6050596	North South Environmental	To complete the Buffer Report for Toronto Potential ESA's and Buffers.	690	-
Infrastructure and Development	City Planning	Technical	30-Dec-15	6042605	Perkins & Will	To provide a study on the Yonge-Eglinton Review - Built Form.	97,527	30,567
Infrastructure and Development	City Planning	Technical	09-Nov-16	6044174	Perkins & Will	To provide a TOcore "Building for Liveability" Study.	19,395	94,008
Infrastructure and Development	City Planning	Technical	11-Apr-17	6044841	IBI Group Professional Service	To conduct a City-Wide Rail Safety and Mitigation Study.	-	15,514
Infrastructure and Development	City Planning	Technical	01-May-17	6044929	SVN Architects & Planners Inc.	To conduct the Golden Mile Secondary Plan Study. The negative amount in 2020 includes final recovery amount from Toronto Water based on agreed shared costs.	(11,077)	140,961
Infrastructure and Development	City Planning	Technical	20-Jun-17	6045174	DTAH	To provide and develop built form concepts for future growth of the Keele St & Finch Ave West area.	-	19,926
Infrastructure and Development	City Planning	Technical	29-Jun-17	6045240	LEA Consulting Ltd	To conduct a study for Keele Finch Plus - Transportation Components.	37,919	-
Infrastructure and Development	City Planning	Technical	11-Jul-17	6045289	Stantec Consulting Ltd.	To evaluate the Yonge-Eglinton Transportation Assessment.	-	11,107
Infrastructure and Development	City Planning	Technical	30-Oct-17	6045867	Stantec Consulting Ltd.	To conduct the Bloor West Village Heritage Conservation District Study.	29,469	24,305
Infrastructure and Development	City Planning	Technical	16-Nov-17	6045973	Archaeological Services Inc.	To complete an assessment and prepare a report on Don Mills Crossing Cultural Heritage Value.	-	4,107
Infrastructure and Development	City Planning	Technical	02-Mar-18	6046565	Architecture Evoq Inc	To provide the Cabbagetown Southwest Heritage Conservation District Study.	-	41,489
Infrastructure and Development	City Planning	Technical	02-Oct-18	6047611	John Archer and Associates	To provide the Retail Design and Development Best Practices Manual.	-	130,405
Infrastructure and Development	City Planning	Technical	03-Dec-18	6048042	N. Barry Lyon Consultants Limited	To undertake and complete a financial and real estate market analysis to inform the development of an inclusionary zoning framework.	81,715	74,710

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Infrastructure and Development	City Planning	Technical	04-Dec-18	6048049	Dillon Consulting Ltd	To provide the Five-Year Official Plan Review, Draft Build Form and Public Realm Policy Consultation.	-	57,483
Infrastructure and Development	City Planning	Technical	31-Dec-18	6048245	Hemson Consulting Inc.	To provide planning expertise of Employment Land Forecasting update for Official Plan Amendment 231 LPAT hearing.	8,573	57,390
Infrastructure and Development	City Planning	Technical	22-Jan-19	6048256	LEA Consulting Ltd	To provide consulting services on the provision of the Yonge Street North Transportation Master Plan.	33,750	-
Infrastructure and Development	City Planning	Technical	28-Mar-19	6048619	Dillon Consulting Ltd	To provide an Inclusionary Zoning and Engagement Consultation Program.	27,317	150,036
Infrastructure and Development	City Planning	Technical	23-May-19	6048905	HDR Corporation	To provide a Planning and Engineering services for the completion of the Yorkdale Shopping Center Transportation Master Plan.	-	101,760
Infrastructure and Development	City Planning	Technical	27-May-19	6048921	Cushman & Wakefield Ltd	To provide the City of Toronto Employment Study Update for Official Plan Amendment 231 Local Planning Appeal Tribunal Hearing.	-	15,264
Infrastructure and Development	City Planning	Technical	15-Aug-19	6049345	Public Work for Urban Design	To provide the Eglinton Green Line Landscape Design Framework.	75,123	42,804
Infrastructure and Development	City Planning	Technical	09-Sep-19	6049443	Perkins & Will	To provide a complete analysis, stakeholder engagement, and a preliminary structure for a Transit Design Guide.	33,867	42,030
Infrastructure and Development	City Planning	Technical	26-Sep-19	3585258	Common Bond Collective	To undertake research and prepare a historic context statement for the West Toronto-Junction.	7,080	-
Infrastructure and Development	City Planning	Technical	30-Dec-19	6050025	Perkins & Will	To undertake the Mount Dennis Planning Framework Study.	46,605	-
Infrastructure and Development	City Planning	Technical	04-Mar-20	3591396	DTAH	To provide the Bloor West Village Urban Design Guidelines.	16,594	-
Infrastructure and Development	City Planning	Technical	18-Mar-20	Schedule A	Fournier Gersovitz & Moss Architects	To provide expert advice for the St Lawrence HCD Plan.	45,389	-
Infrastructure and Development	City Planning	Technical	31-Mar-20	3592294	Taylor Hazell Architects Ltd	To provide expert advice for the King Spadina HCD Plan.	2,951	-
Infrastructure and Development	City Planning	Technical	22-Apr-20	3592875	Nbisi Consulting Inc	To prepare and facilitate a pre-consultation meeting and conclude a co-development process for the Indigenous Heritage Engagement Project.	5,731	-
Infrastructure and Development	City Planning	Technical	14-Jul-20	3595175	Timmins Martelle Heritage Consultants Inc	To prepare a detailed Heritage Cultural Resource Assessment for the Gerrard Carlaw Avenue Planning Study.	13,402	-
Infrastructure and Development	City Planning	Technical	26-Aug-20	6050955	Architecture Evoq Inc	To develop the Cabbagetown Heritage Conservation District (HCD) Plans.	31,840	-
Infrastructure and Development	City Planning	Technical	15-Sep-20	6051002	Groundswell Projects Inc	For Public and Stakeholder Consultation for the Keele-St. Clair Local Area Study.	52,505	-
Infrastructure and Development	City Planning	Technical	15-Oct-20	6038035	DTAH	To provide on the development of the Film Studio Precinct Plan.	40,795	-
Infrastructure and Development	City Planning	Technical	02-Nov-20	3598738	Common Bond Collective	To prepare a detailed Heritage Cultural Resource Assessment for the Bloor Street West Planning Study.	2,132	-

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Infrastructure and Development	City Planning	Technical	17-Nov-20	6051325	Dillon Consulting Ltd	City-Wide Engagement and Communication Strategy in Support of Toronto's Municipal Comprehensive Review.	12,565	-
Infrastructure and Development	City Planning	Technical	17-Nov-20	6051324	Hemson Consulting Inc.	To provide analysis for the Phased Employment Study & Economic Analysis of the City of Toronto's Employment Areas & Office Market.	7,367	-
Infrastructure and Development	City Planning	Technical	01-Dec-20	6051405	WSP Canada Group Limited	To provide the University Ave. Preliminary Feasibility Study.	56,752	-
Infrastructure and Development	Solid Waste Management	Information Technology	06-Jan-20	6050051	KPMG LLP	To develop a Solid Waste Management Services IT Strategy, including a Five year Roadmap (2021-2025).	206,013	-
Infrastructure and Development	Solid Waste Management	Management / Research & Development	20-Sep-18	3572853	Sustainable Global Resources Ltd	To provide expertise in the field of Circular Procurement.	2,900	540
Infrastructure and Development	Solid Waste Management	Management / Research & Development	22-Nov-18	6047981	HDR Corporation	To provide a comprehensive study on Mixed Waste Processing with Organics Recovery (MWPwOR).	67,238	288,189
Infrastructure and Development	Solid Waste Management	Management / Research & Development	17-Apr-19	6048729	KPMG LLP	To develop a Multi-Year Financial Strategy and rate structure.	55,871	96,031
Infrastructure and Development	Solid Waste Management	Management / Research & Development	24-Dec-19	6050015	Ernst & Young LLP	To conduct Human Resources Review and provide recommendations.	201,739	-
Infrastructure and Development	Solid Waste Management	Management / Research & Development	14-Jan-20	6048561	Strategy Matters Inc	To develop Reduction Strategies for Single-Use and Takeaway Items.	-	50,740
Infrastructure and Development	Solid Waste Management	Management / Research & Development	14-Jan-20	6050078	Strategy Matters Inc	To provide consulting services re: transition of the blue bin recycling program to extended producer responsibility.	256,034	65,477
Infrastructure and Development	Solid Waste Management	Management / Research & Development	16-Jan-20	6050084	David Suzuki Foundation	To conduct research to establish a baseline circularity analysis in order to inform the future efforts to establish a Circular Economy Road Map.	144,181	-
Infrastructure and Development	Solid Waste Management	Management / Research & Development	21-Aug-20	9330281 9349188 9354660	KPMG LLP	To provide financial analysis to Support the Transition of the Blue Box Program to Extended Producer Responsibility and Resetting the City's Rate-Based System.	264,759	-
Infrastructure and Development	Solid Waste Management	Technical	24-Aug-18	6048068	Golder Associates Ltd	To provide corrective action plan and performance evaluation of the Sunrise Closed Landfill.	22,962	158,655
Infrastructure and Development	Solid Waste Management	Technical	07-Jan-19	6048200	GHD Limited	To provide advise on how best to continue to maintain service levels despite the decommissioning of the Commissioner's Street Transfer Station (CSTS).	76,517	506,579
Infrastructure and Development	Solid Waste Management	Technical	19-Nov-19	6049970	Deloitte LLP	To develop workflow and business processes for the stewardship of physical assets and an implementation plan.	191,224	116,600
Infrastructure and Development	Toronto Water	Management / Research & Development	09-Aug-18	3571552	Colliers Project Leaders Inc	To update current status on how Toronto Water is addressing the auditor's recommendations for the Basement Flooding Protection Subsidy Program.	-	23,334

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Infrastructure and Development	Toronto Water	Management / Research & Development	27-Oct-20	Schedule A	Ryerson University	To assist the City in the research and evaluation of the applicability of soil cell technology (used for tree planting) to mitigate negative impacts from stormwater run-off. Ryerson is currently summarizing the analysis of the monitoring data they collected over the past years.	70,000	-
Infrastructure and Development	Toronto Water	Technical	01-May-17	6044929	SVN Architects & Planners Inc.	To provide consulting services on the Golden Mile Secondary Plan Study.	16,457	-
Infrastructure and Development	Toronto Water	Technical	11-Apr-18	3567322	E2 Energy Inc	To review the Enbridge Gas Distribution (EGD) Renewable Natural Gas Request for Proposal, as well as provide advice for responses relating to contractual parameters.	-	2,137
Infrastructure and Development	Toronto Water	Technical	03-Jan-19	3576542	Black & Veatch Canada Company	To provide engineering services for enhanced biological phosphorus removal trial.	35,182	-
Infrastructure and Development	Toronto Water	Technical	03-Jan-19	3576502	WSP Canada Group Limited	To provide consulting services on the WSP Preliminary Structural Assessment for Potential Solar PV System at the Island Water Treatment Plant.	-	3,053
Infrastructure and Development	Toronto Water	Technical	15-Jan-19	3576868	Ryerson University	To provide a study on the Ryerson Centre for Urban Energy for the Toronto Island Water Treatment Plant Microgrid with Solar Photovoltaic and Energy Storage Units.	-	49,500
Infrastructure and Development	Toronto Water	Technical	01-Oct-19	3585436	Powercore Engineering Ltd	The study to determine the feasibility of using energy storage to reduce electricity cost at Highland Creek Treatment Plant.	11,957	-
Infrastructure and Development	Toronto Water	Technical	29-Oct-19	3586572	Associated Engineering (ONT) Ltd	To provide an energy storage study at RC Harris Treatment Plant.	16,505	6,849
Infrastructure and Development	Toronto Water	Technical	n/a	3570151	Blue Source Canada ULC	To provide an Environmental Attribute Renewal Natural Gas Study and a business case with options with given quantities of digester gas.	-	7,123
Infrastructure and Development	Transit Expansion Office	Management / Research & Development	30-May-17	6045053	Aecom Canada Ltd	To provide consulting services on the Eglinton West and Martin Grove Functional Planning Study.	7,373	23,883
Infrastructure and Development	Transit Expansion Office	Management / Research & Development	30-May-17	47020701	Leigh / Fisher Canada Inc.	To provide SmartTrack Technical Advice and Peer Review Service.	-	23,557
Infrastructure and Development	Transit Expansion Office	Management / Research & Development	25-Jul-17	6045365	Arup Canada Inc.	To provide consulting services on the Eglinton East LRT - Traffic Study.	-	75,227
Infrastructure and Development	Transit Expansion Office	Management / Research & Development	25-Jul-17	6045363	HDR Corporation	To provide consulting services on the Eglinton East LRT - Concept Refinement Study.	12,831	200,637
Infrastructure and Development	Transit Expansion Office	Management / Research & Development	08-Sep-17	6045594	Aecom Canada Ltd	To provide a Communications and Consultation Strategy Assessment on the Eglinton Avenue West LRT.	-	83,811
Infrastructure and Development	Transit Expansion Office	Management / Research & Development	30-Oct-17	47021047	Aecom Canada Ltd	To provide Technical Advice and Peer Review Services Related to the Eglinton West LRT.	-	191,323
Infrastructure and Development	Transit Expansion Office	Management / Research & Development	12-Jan-18	47021213	Leigh / Fisher Canada Inc.	To provide technical advice and peer review services on the Eglinton East LRT.	-	288,647

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Appendix B-3: 2020 Consulting Services Expenditure - Capital

Service Group / Agency / Corporation	Division/Board	Expense Category	Contract / PO / DPO Date (dd mmm yy)	Contract / PO / DPO No(s)	Consultant s Name	Description of Work	2020 Expenditure	2019 Expenditure ¹
Infrastructure and Development	Transit Expansion Office	Management / Research & Development	30-Jan-18	6047666	Urban Strategies Inc.	To provide professional services to undertake the Planning Study for the Eglinton East LRT (EELRT.)	80,930	184,962
Infrastructure and Development	Transit Expansion Office	Management / Research & Development	07-Sep-18	6047292	Perkins & Will	To provide consulting services on the Eglinton West Planning and Streetscape Study.	28,833	177,253
Infrastructure and Development	Transit Expansion Office	Management / Research & Development	03-Oct-18	6045745	Dillon Consulting Ltd	To provide consulting services on the Eglinton East LRT Communications and Consultation Assessment.	15,565	81,414
Infrastructure and Development	Transit Expansion Office	Management / Research & Development	05-Nov-18	6047855	Aecom Canada Ltd	To provide Eglinton West LRT Design and Costing.	1,038	-
Infrastructure and Development	Transit Expansion Office	Management / Research & Development	05-Dec-18	47021842	Arup Canada Inc.	To provide consulting services on the Eglinton West LRT.	-	83,357
Infrastructure and Development	Transit Expansion Office	Management / Research & Development	02-Jan-19	6048194	HDR Corporation	To advise on Eglinton East LRT Maintenance and Storage Facility Design and Cost Estimate.	20,204	-
Infrastructure and Development	Transit Expansion Office	Management / Research & Development	01-Aug-19	6049272	Conference Board of Canada	To provide a report to quantify the economic and social value of the Toronto Transit Commission subway system.	53,667	-
Infrastructure and Development	Transit Expansion Office	Management / Research & Development		9201601	Arup Canada Inc.	To provide Strategic Advice & Technical Peer Review on the Eglinton West LRT.	2,035	-
Infrastructure and Development	Transit Expansion Office	Management / Research & Development		6050115	KPMG LLP	To provide consulting services on the province transit TTC Subway System.	72,583	-
Infrastructure and Development	Transit Expansion Office	Technical	27-Jan-18	47021522	Leigh / Fisher Canada Inc.	To address on station design issues to help inform Metrolinx' Reference Concept Design (RCD) and deliverables for the SmartTrack/Regional Express Rail program.	-	74,997
Infrastructure and Development	Transit Expansion Office	Technical	05-Nov-18	6047855	Aecom Canada Ltd	To provide Eglinton West LRT Design and Costing.	-	292,164
Infrastructure and Development	Transit Expansion Office	Technical	04-Dec-18	47021845	HDR Corporation	To advise on Conceptual Design and Cost Estimate.	-	145,552
Infrastructure and Development	Transit Expansion Office	Technical	02-Jan-19	6048194	HDR Corporation	To advise on Eglinton East LRT Maintenance and Storage Facility Design and Cost Estimate.	-	155,107
Infrastructure and Development	Transit Expansion Office	Technical	15-Feb-19	47021999	Perkins & Will	To advise on Conceptual Design and Cost Estimate.	-	77,938
Infrastructure and Development	Transit Expansion Office	Technical	19-Jun-19	6049052	Arup Canada Inc.	To provide a model on transportation accessibility and economic modelling to Scarborough Subway Extension and Eglinton East LRT.	-	46,494
Infrastructure and Development	Transit Expansion Office	Technical	01-Aug-19	6049272	Conference Board of Canada	To provide a report to quantify the economic and social value of the Toronto Transit Commission subway system.	-	26,833
Infrastructure and Development	Transportation Services	Creative Communications	17-Jun-19	Schedule A	Cycle Toronto	To plan and design the Lakeshore cycle track mural painting celebration on June 8 & 9, 2019.	-	968
Infrastructure and Development	Transportation Services	Information Technology	19-Apr-18	6046784	Richter Advisory Group Inc.	To provide a threat and risk assessment for the City of Toronto's Intelligent Transportation Systems (ITS) and related Infrastructure.	60,816	236,051

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Infrastructure and Development	Transportation Services	Management / Research & Development	07-Jan-19	3576608	Nanos Research Corp	To provide public opinion research, analysis & reports on cycling (1500 responses).	-	14,170
Infrastructure and Development	Transportation Services	Management / Research & Development	29-Mar-19	47022162 / 9286401	The Hospital For Sick Children	To provide effectiveness study on Automatic Speed Enforcement (ASE) - to provide a roster for Transportation Safety Data, Design, and Analysis.	46,403	17,908
Infrastructure and Development	Transportation Services	Management / Research & Development	31-Dec-19	Schedule A	University Of Toronto	To provide iCity-Centre for Automated and Transformative Transportation Systems (iCity-CATTS) Phase 1.	50,000	100,000
Infrastructure and Development	Transportation Services	Technical	19-Apr-16	6043137	Aecom Canada Ltd	To provide consulting services on the Transportation Master Plan - Park Lawn / Lake Shore.	353,273	-
Infrastructure and Development	Transportation Services	Technical	28-Jul-16	6043660	HDR Corporation	A study on the Gardiner DVP Tolling with options for Establishment of Toll Facilities on F.G. Gardiner Expressway / Don Valley Parkway.	-	(11,849)
Infrastructure and Development	Transportation Services	Technical	14-Oct-16	6044043	IBI Group Professional Service	To provide a study on the Richmond/Adelaide Corridor Cycle Tracks Planning and Design.	-	2,929
Infrastructure and Development	Transportation Services	Technical	22-Mar-17	6044745	Parsons Inc.	To provide an evaluation of a range of options to prioritize and improve downtown streetcar operations on King Street.	-	143,867
Infrastructure and Development	Transportation Services	Technical	31-Mar-17	3553990	CIMA Canada Inc.	To provide an evaluation of proposed queue-jump lane at 15 locations.	8,101	-
Infrastructure and Development	Transportation Services	Technical	05-Jun-17	6045081	WSP Canada Group Limited	To provide consulting services on the Yonge St. Environmental Assessment Study (Sheppard to Finch).	2,562	32,828
Infrastructure and Development	Transportation Services	Technical	20-Jun-17	6045175	Steer Davies Gleave North America	To provide consulting services on the Yonge Street Environmental Assessment Study (Queen to College / Carlton).	1,045,072	1,123,377
Infrastructure and Development	Transportation Services	Technical	27-Jul-17	3558320	HDR Corporation	To provide consulting services on the Surface Transit Operational Improvement Studies: Dufferin North.	-	10,692
Infrastructure and Development	Transportation Services	Technical	28-Jul-17	47020728 / 9087056 (lines 50 & 60)	BDO LLP	To provide latest report for smart signal pilot evaluation & supporting document for non-competitive contract in smart signal expansion.	3,129	1,908
Infrastructure and Development	Transportation Services	Technical	24-Aug-17	6045538	IBI Group Professional Service	To conduct in-depth traffic engineering safety studies to identify traffic safety issues and recommend mitigative countermeasures.	-	8,209
Infrastructure and Development	Transportation Services	Technical	24-Oct-17	6045839	WSP Canada Group Limited	To conduct a St Clair W traffic congestion environmental assessment study.	-	46,738
Infrastructure and Development	Transportation Services	Technical	25-Oct-17	6045849	LEA Consulting Ltd	To conduct electrical & civil Inspections for traffic control device.	-	90,403
Infrastructure and Development	Transportation Services	Technical	25-Oct-17	6045849	LEA Consulting Ltd	To provide advice on inspection service- traffic control devices.	-	134,188
Infrastructure and Development	Transportation Services	Technical	16-Feb-18	6046496	LEA Consulting Ltd	To provide consulting services on the Design Lower Don River Area Traffic.	91,832	56,680
Infrastructure and Development	Transportation Services	Technical	05-Apr-18	6046713	Parsons Inc.	To provide consulting services on the Surface Transit Operational Improvements Study.	50,799	217,271
Infrastructure and Development	Transportation Services	Technical	03-May-18	6046845	LEA Consulting Ltd	To provide a project review related to the advancement of the Steeles / Stouffville GO Rail Grade Separation project.	43,222	151,587

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Infrastructure and Development	Transportation Services	Technical	27-Aug-18	6047428	IBI Group Professional Service	To provide consulting services on the Traffic Control Device & Inspection Project.	-	99,937
Infrastructure and Development	Transportation Services	Technical	06-Sep-18	6047480	IBI Group Professional Service	To conduct in-Services Road Safety Reviews Lakeshore Blvd & Colborne, Bloor W & S Kingsway.	26,687	218,330
Infrastructure and Development	Transportation Services	Technical	20-Sep-18	6047684 (line 20)	Morrison Hershfield	To provide advisory services for Glen Road Pedestrian Bridge over Rosedale Valley Road and Tunnel under Bloor Street East. The amount is reversed in 2020 as the expenditure was determined to be an expenditure relating to engineering services.	(1,654)	1,654
Infrastructure and Development	Transportation Services	Technical	11-Oct-18	6047684	Morrison Hershfield	To provide design work for Glen Road Pedestrian Bridge over Rosedale Valley Road and tunnel replacement under Bloor Street East. The amount is reversed in 2020 as the expenditure was determined to be an expenditure relating to engineering services.	(31,347)	31,347
Infrastructure and Development	Transportation Services	Technical	15-Jan-19	3576866	IBI Group Professional Service	To provide detailed Design & Construction plans.	-	22,153
Infrastructure and Development	Transportation Services	Technical	16-Jan-19	6048233 (30)	Wood Environment & Infrastructure	To develop a Transportation Master Plan (TMP) that focuses on improved goods movement for a study area within the Finch West area.	152,640	-
Infrastructure and Development	Transportation Services	Technical	16-Jan-19	6048233 (40)	Wood Environment & Infrastructure	To develop a Transportation Master Plan (TMP) that focuses on improved goods movement for a study area within the Finch West area.	106,915	-
Infrastructure and Development	Transportation Services	Technical	16-Jan-19	6048233	Wood Environment & Infrastructure	To develop a Transportation Master Plan (TMP) that focuses on improved goods movement for a study area within the Finch West area.	78,543	761,995
Infrastructure and Development	Transportation Services	Technical	22-Jan-19	6048256	LEA Consulting Ltd	To provide planning and engineering services for Transportation Infrastructure studies and projects.	11,444	33,285
Infrastructure and Development	Transportation Services	Technical	22-Jan-19	6048256	LEA Consulting Ltd	To provide a project review related to the advancement of the roads project.	593,008	479,632
Infrastructure and Development	Transportation Services	Technical	13-Feb-19	3577895	Plant Architect Inc.	To provide plans for the for Sidewalk Extension.	-	7,529
Infrastructure and Development	Transportation Services	Technical	25-Feb-19	3578247	Hka Global Canada Inc.	To provide Fairness Monitor to oversee Automated Speed Enforcement and Red Light Camera RFP processes.	16,087	12,261
Infrastructure and Development	Transportation Services	Technical	28-Feb-19	Schedule A	Toronto Hydro Electric System	To complete an archeological assessment on the Gunns Road Extension.	1,526	3,458
Infrastructure and Development	Transportation Services	Technical	29-Mar-19	47022078 / 9223651	CIMA Canada Inc.	To provide a study on the Safety data design as to City-Wide Leading Pedestrian Interval LPI/ Study and Prioritization Scan.	-	90,705
Infrastructure and Development	Transportation Services	Technical	29-Mar-19	47022117 / 9291754	HDR Corporation	To provide a School Crossing Guard Exposure Index - Project Initiation, data collection and analysis. The negative amount in 2020 relates to an overaccrual in 2019 that was reversed.	(38,525)	182,963
Infrastructure and Development	Transportation Services	Technical	03-Apr-19	6048649	HDR Corporation	To provide consulting services for surface transit.	215,078	33,909
Infrastructure and Development	Transportation Services	Technical	05-Apr-19	6048658	HDR Corporation	To provide a review on Road Safety Road Safety Audits of Toronto's Cultural Corridors.	158,643	116,958

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Infrastructure and Development	Transportation Services	Technical	06-May-19	6048808	IBI Group Professional Service	To update the City of Toronto's Congestion Management Plan (2021-2025).	59,056	203,780
Infrastructure and Development	Transportation Services	Technical	23-May-19	6048905	HDR Corporation	To provide planning and engineering consulting services for Yorkdale.	170,798	106,662
Infrastructure and Development	Transportation Services	Technical	13-Jun-19	Crosslinx Transit Solution Invoice VC0333	Metrolinx	To perform a review for the new LRT station (Cedervale Station) - to widen Eglinton Avenue and re-design the ramp at Allen Road. The amount is reversed in 2020 as the expenditure was determined to be an expenditure relating to engineering services.	(318,840)	318,840
Infrastructure and Development	Transportation Services	Technical	14-Jun-19	47022116 / 9236715	Exp Services Inc.	To provide a local geometric safety improvement (LGSi) visual scan - data analysis & report.	-	22,601
Infrastructure and Development	Transportation Services	Technical	18-Jun-19	6049040	Alta Planning + Design Canada	For the York University Cycling - Ontario Municipal Commuter Cycling (OMCC) project: to provide advice, design, tender and administration of several cycling connections near the York University Keele Campus.	219,089	133,317
Infrastructure and Development	Transportation Services	Technical	17-Jul-19	6049172	Dillon Consulting Ltd	To provide an engineering study based on Schedule C EA for the extension of Broadview	507,430	37,719
Infrastructure and Development	Transportation Services	Technical	20-Jul-19	Schedule A	CAVCOE	To provide research in Municipal Automatic Vehicle Testing Best Practices.	-	14,959
Infrastructure and Development	Transportation Services	Technical	24-Jul-19	47022118 / 9246506	WSP Canada Group Limited	To provide a study on the City of Toronto Level 2 Pedestrian Crossover. The negative amount in 2020 is a reversal of an amount that was accrued twice in 2019.	(29,938)	96,929
Infrastructure and Development	Transportation Services	Technical	13-Sep-19	6049471	LEA Consulting Ltd	To provide an environmental assessment for a new grade-separated crossing at Don Mills Trail / Wynford Drive.	65,620	-
Infrastructure and Development	Transportation Services	Technical	13-Sep-19	6049471	LEA Consulting Ltd	To conduct a study for Municipal Class environmental assessment for a new grade-separated rail crossing and perform a technical peer review of the 60% engineering design of a new street submitted by developer.	114,024	58,177
Infrastructure and Development	Transportation Services	Technical	18-Sep-19	6049500	IBI Group Professional Service	For the Downsview Cycling Connections project: to prepare a detailed plan and provide advice for three intersection modifications in the Downsview neighbourhood.	194,210	69,956
Infrastructure and Development	Transportation Services	Technical	30-Oct-19	6049769	WSP Canada Group Limited	To provide an assessment of options for Bloor West Bikeway Extension.	325,553	72,163
Infrastructure and Development	Transportation Services	Technical	04-Nov-19	6045849 - additional funds	LEA Consulting Ltd	To provide an inspection of traffic control devices.	199,579	-
Infrastructure and Development	Transportation Services	Technical	29-Nov-19	6049919	IBI Group Professional Service	To provide research on backup transportation operating.	155,102	-
Infrastructure and Development	Transportation Services	Technical	29-Nov-19	6049916	WSP Canada Group Limited	To conduct a study for a Municipal Class environmental assessment for a new street with a grade-separation with rail corridor and potential new crossings, multi-use trail facilities, and other operational/physical improvements to existing infrastructure.	531,543	19,783

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Infrastructure and Development	Transportation Services	Technical	16-Dec-19	9280526	Clean Air Partnership	To provide a study on senior safety zones.	75,951	-
Infrastructure and Development	Transportation Services	Technical	20-Dec-19	Schedule A	Clean Air Partnership	To provide design and consulting for the Bloor Bikeway Extension project.	13,965	-
Infrastructure and Development	Transportation Services	Technical	20-Dec-19	Schedule A	Toronto + Region Conservation For The Living City	To provide TRCA Don Mills Trail Construction.	41,136	61,972
Infrastructure and Development	Transportation Services	Technical	30-Dec-19	6050024	CIMA Canada Inc.	To propose Uninterruptible Power Supply (UPS) Specifications for Signalized Intersections.	59,578	9,054
Infrastructure and Development	Transportation Services	Technical	31-Dec-19	Schedule A	22 John Street Development Inc.	To provide design and consulting for the John Street streetscape improvement project.	-	272,682
Infrastructure and Development	Transportation Services	Technical	31-Dec-19	6049040	Alta Planning + Design Canada	To provide design, tender and administration of several cycling connections near the York University Keele Campus.	22,786	-
Infrastructure and Development	Transportation Services	Technical	31-Dec-19	3595742	CIMA Canada Inc.	To provide signal design at Old Weston & Rockwell.	20,581	-
Infrastructure and Development	Transportation Services	Technical	31-Dec-19	Schedule A	Clean Air Partnership	To provide an assessment of options for potential bike parking installation sites at Toronto Community Housing Corporation buildings.	12,922	65,141
Infrastructure and Development	Transportation Services	Technical	31-Dec-19	Schedule A	Hydro One	To complete an archeological assessment / review - Gunns Road Extension. The amount was reversed in 2020 as it was wrongly accrued for in 2019.	(2,702)	2,702
Infrastructure and Development	Transportation Services	Technical	31-Dec-19	Schedule A	Toronto + Region Conservation For The Living City	To prepare an environmental assessment Report for the St. Claire Avenue West Transportation master Plan, as well as complete a review to address traffic congestion.	2,124	19,231
Infrastructure and Development	Transportation Services	Technical	04-Jan-20	Schedule A	University Of Toronto	To provide a study on "Cycle Accessibility and Level Of Traffic Stress".	30,000	-
Infrastructure and Development	Transportation Services	Technical	06-Jan-20	6050046	Parsons Inc.	To provide consulting services for Emergency Vehicle Pre-Emption (EVP).	107,163	-
Infrastructure and Development	Transportation Services	Technical	06-Jan-20	9285284	Wood Environment & Infrastructure	To provide planning for Active & Safe Routes to School (ASRTS) Pilot.	14,052	-
Infrastructure and Development	Transportation Services	Technical	10-Jan-20	Schedule A	Toronto Parking Authority	To provide parking design on Bloor Street bike lane extension.	7,668	-
Infrastructure and Development	Transportation Services	Technical	27-Jan-20	9289500	CIMA Canada Inc.	To provide a review on Danforth In-Service Road Safety including bike lane synchro assessment and parking study.	198,354	-
Infrastructure and Development	Transportation Services	Technical	07-Feb-20	6050167	IBI Group Professional Service	To provide design and consulting for the Overlea and Don Mills intersection - St. Lawrence Neighbourhood Traffic data collection.	35,860	-
Infrastructure and Development	Transportation Services	Technical	14-Feb-20	47022672	Dillon Consulting Ltd	To provide consulting on the Transportation Master Plan for Rouge Park Bridges.	194,087	-
Infrastructure and Development	Transportation Services	Technical	09-Mar-20	6050301	WSP Canada Group Limited	To provide engineering design for the lower Yonge precinct plan.	660,443	-
Infrastructure and Development	Transportation Services	Technical	17-Mar-20	9300519	Wood Environment & Infrastructure	To provide a review on Local Geometric Safety Improvement (LGSi) Visual Scan.	24,969	-

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Infrastructure and Development	Transportation Services	Technical	24-Mar-20	6050362	IBI Group Professional Service	To provide design & contract review for traffic signal .	91,083	-
Infrastructure and Development	Transportation Services	Technical	01-Apr-20	9303277	Wood Environment & Infrastructure	To provide consulting on 2021 and 2022 School Safety Zone Design, Flexible In-road Traffic Calming Retrofit Design and Communication Support and Management.	57,287	-
Infrastructure and Development	Transportation Services	Technical	28-May-20	6050617	LEA Consulting Ltd	To provide consulting on contract administration of new traffic signals construction.	72,771	-
Infrastructure and Development	Transportation Services	Technical	15-Jun-20	9317481	IBI Group Professional Service	To provide consulting on road safety audit.	23,825	-
Infrastructure and Development	Transportation Services	Technical	02-Jul-20	9322097	IBI Group Professional Service	To provide consulting and verification of collision reports.	58,274	-
Infrastructure and Development	Transportation Services	Technical	06-Jul-20	3594936	Moon-Matz Ltd.	To provide consulting on design traffic control signals Bay/St. Mary & Trethewey/Brookhaven.	4,204	-
Infrastructure and Development	Transportation Services	Technical	06-Jul-20	3594947	TSL Consulting + Design Group	To provide consulting on design new traffic control signal Marlee/Viewmount.	1,649	-
Infrastructure and Development	Transportation Services	Technical	06-Jul-20	3594947	TSL Consulting + Design Group	To provide consulting on design for new traffic control signal.	16,668	-
Infrastructure and Development	Transportation Services	Technical	08-Jul-20	9323293	IBI Group Professional Service	To provide consulting on a review and update the requirements for the new traffic electrical maintenance contract and Traffic Electrical planned capital planned work roster and to prepare the draft negotiated Request for Proposal (the "nRFP") call documents for procurement.	155,309	-
Infrastructure and Development	Transportation Services	Technical	08-Jul-20	9323198	Wood Environment & Infrastructure	To provide consulting on collision record validation.	81,937	-
Infrastructure and Development	Transportation Services	Technical	05-Aug-20	9328878	IBI Group Professional Service	To provide consulting on the Bloor-Islington TTC Station RSA.	2,379	-
Infrastructure and Development	Transportation Services	Technical	02-Oct-20	9341220	Human Factors North Inc./ Ergon	To provide consulting on a comprehensive motorcycle safety study.	14,282	-
Infrastructure and Development	Transportation Services	Technical	30-Nov-20	9351858	Aecom Canada Ltd	To provide consulting on senior safety zones in-service road safety review (ISSR) - Area 1.	6,212	-
Infrastructure and Development	Transportation Services	Technical	30-Nov-20	Schedule A	Park People	To evaluate the Danforth Complete Streets and ActiveTO initiatives to understand their impact and effectiveness.	42,000	-
Infrastructure and Development	Transportation Services	Technical	30-Nov-20	9351883	Transafe Consulting Ltd	To provide consulting on senior safety zones in-service road safety review (ISSR) - Area 2.	50,005	-
Infrastructure and Development	Transportation Services	Technical	15-Jun-20	Non-Competitive Procurement (NCP)#10318	Dillon Consulting Ltd	To provide consulting on the Gardiner East Environmental Assessment - Ministry Report.	10,137	-
Infrastructure and Development	Transportation Services	Technical	06-Jul-20	3594936	Moon-Matz Ltd.	To provide consulting on traffic control signal design.	65,095	-

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Infrastructure and Development	Transportation Services	Technical	n/a	Schedule A	KITE Research Institute	To provide research into feasibility of establishing guidelines for interim accessibility ramps. The amount is reversed in 2020 as the expenditure was determined to be an expenditure relating to engineering services.	(16,956)	16,956
Infrastructure and Development	Transportation Services	Technical	n/a	Schedule A	Toronto Transit Commission	To provide improvements on Local Geometric Safety to be delivered by the Toronto Transit Commission, as part of College Station 2nd Exit program.	8,669	78,486
Infrastructure and Development	Waterfront Secretariat	Technical	14-Jun-17	6044561	Steer Davies Gleave North America	To provide a Waterfront Transit Reset Study Phase 2, to further the development of preferred transit improvement concepts identified in Phase 1 of the study for Toronto Waterfront communities.	-	149,908
Infrastructure and Development	Waterfront Secretariat	Technical	06-May-19	6048282	Arup Canada Inc.	To complete a focused comparative evaluation and recommend a preferred option transit options to link Union Station to existing and future Waterfront transit lines east and west of Queens Quay.	-	314,628
Infrastructure and Development Total							10,243,586	11,433,220
City Divisions Total							12,011,104	12,939,233

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Agencies and Corporations	Exhibition Place	Technical	28-May-19	PO 16764	CIMA Canada Inc.	To conduct a photovoltaic system feasibility study across the entire grounds of Exhibition Place.	-	23,627
Exhibition Place Total							-	23,627

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Agencies and Corporations	TO Live	Technical	As billed		LRI Engineering	Provided consultations on the additional tests & surveys exit paths analysis and fire alarm updates.	-	9,686
Agencies and Corporations	TO Live	Technical	As billed		+VG The Ventin Group Architects	To provide advice for B4-IGU Replacement: Architectural Service.	13,500	10,926
Agencies and Corporations	TO Live	Technical	As billed		+VG The Ventin Group Architects	To provide consultation for Destructive Testing Allowance- SC-Universal Washroom.	15,275	23,075
Agencies and Corporations	TO Live	Technical	As billed		+VG The Ventin Group Architects	To provide consulting on Scott Street Entrance, Prime Architech Services (including structural, mechanical and electrical).	8,150	17,969
Agencies and Corporations	TO Live	Technical	As billed		+VG The Ventin Group Architects	To provide consulting on AODA, service counters and concessions relating to mechanical and electrical engineering.	-	3,965
Agencies and Corporations	TO Live	Technical	As billed		+VG The Ventin Group Architects	To provide consulting on Satellite Kitchen Architectural.	-	22,716
Agencies and Corporations	TO Live	Technical	As billed		AEA Consulting	To provide advice on Saint Project -Operational and Community Consultation.	-	99,990
Agencies and Corporations	TO Live	Technical	As billed		Blackwell Structural Engineers	To provide advice on Performance Lighting Phase 1.	3,475	900
Agencies and Corporations	TO Live	Technical	As billed		Building Arts Architects Inc	To provide advice on Architectural work.	2,519	8,500
Agencies and Corporations	TO Live	Technical	As billed		Building Arts Architects Inc	To provide advice on Architectural work.	2,770	11,050
Agencies and Corporations	TO Live	Technical	As billed		Building Arts Architects Inc	To provide consultation for Architectural services for MH and MAC Accessibility Improvements and Heritage Door Replacements.	757,143	-
Agencies and Corporations	TO Live	Technical	As billed		CDW Engineering	To provide advice on Roof Replacement and Soffit Repair.	-	17,875
Agencies and Corporations	TO Live	Technical	As billed		DesignABLE Environments Inc.	To provide consultation on TO Live Accessibility.	480	-
Agencies and Corporations	TO Live	Technical	As billed		Diamond Schmitt Architects	To provide advice on Sound Isolation/Schematic Design & Design Development.	25,110	23,500
Agencies and Corporations	TO Live	Technical	As billed		Elevation Aerial Design and Consulting Inc.	To provide consultation work and advice for the Fall Arrest System.	-	1,680
Agencies and Corporations	TO Live	Technical	As billed		Elevation Aerial Design and Consulting Inc.	To provide consultation for MAC Horizontal Life Line Project - A3.	24,976	-
Agencies and Corporations	TO Live	Technical	As billed		Epiphany Engineering Inc	To provide consultation for Fall Arrest System - FOH-MH Rigging Plot.	-	2,725
Agencies and Corporations	TO Live	Technical	As billed		ERA Architects	To provide consultation work and advice on the Replace Roofs: Mezz/Porte Cochere /Stage.	-	3,000
Agencies and Corporations	TO Live	Technical	As billed		ERA Architects	To perform a Heritage Impact Assessment and Heritage Consultation - Signage.	-	13,899
Agencies and Corporations	TO Live	Technical	As billed		ERA Architects	To provide a building assessment on the SONY exterior elements.	20,290	44,950

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Appendix B-3: 2020 Consulting Services Expenditure - Capital

Service Group / Agency / Corporation	Division/Board	Expense Category	Contract / PO / DPO Date (dd mm yy)	Contract / PO / DPO No(s)	Consultant s Name	Description of Work	2020 Expenditure	2019 Expenditure ¹
Agencies and Corporations	TO Live	Technical	As billed		Fire Cube Inc.	To provide consultation for MH - Fire Alarm Systems project.	24,718	-
Agencies and Corporations	TO Live	Technical	As billed		Fisher Dachs Associates	To provide consultation on theatre renovation at STLC.	76,243	106,943
Agencies and Corporations	TO Live	Technical	As billed		Gluck Partnership Architects Inc.	To provide consultation work and advice on the Replace Roofs: Mezz/Porte Cochere /Stage.	-	19,500
Agencies and Corporations	TO Live	Technical	As billed		Gluck Partnership Architects Inc.	To provide consultation for Roof Replacement: Architectural Service.	-	5,000
Agencies and Corporations	TO Live	Technical	As billed		HJ Consulting Engineering Inc	To provide consultation on Roof Replacement: Mechanical and Ductwork Replacement.	-	4,300
Agencies and Corporations	TO Live	Technical	As billed		Jaffe Holden Acoustics Inc	To provide consultation on acoustic work for MAC Sound Isolation.	23,375	-
Agencies and Corporations	TO Live	Technical	As billed		KJA Consultants Inc.	To provide consultation on SONY - Lounge Elevator Equipment Modernization	-	6,000
Agencies and Corporations	TO Live	Technical	As billed		KJA Consultants Inc.	To provide consultation on SONY - Freight Elevator Modernization.	4,735	5,900
Agencies and Corporations	TO Live	Technical	As billed		Kramer Design Associates Limited	To provide consultation on Signage Replacement Project.	-	190,519
Agencies and Corporations	TO Live	Technical	As billed		ML Environmental Consulting Inc.	To provide consulting services associated with the site walk-through /Air Handling Unit Repair.	-	350
Agencies and Corporations	TO Live	Technical	As billed		ML Environmental Consulting Inc.	To provide consultation on SONY - AODA - Universal Washroom.	-	1,360
Agencies and Corporations	TO Live	Technical	As billed		ML Environmental Consulting Inc.	To provide consultation on SONY - Coil Replacement/Dsub consulting services and Inspection and Air Sampling of HVAC Units.	13,650	5,680
Agencies and Corporations	TO Live	Technical	As billed		ML Environmental Consulting Inc.	To provide consultation on Additional Tests & Surveys / Emergency Air Testing at STLC.	-	880
Agencies and Corporations	TO Live	Technical	As billed		ML Environmental Consulting Inc.	To provide consultation work on AODA - Scott Street Entrance at STLC.	-	2,830
Agencies and Corporations	TO Live	Technical	As billed		ML Environmental Consulting Inc.	To provide consultation work on MH and STLC Asbestos reassessments, inspection and training.	4,660	-
Agencies and Corporations	TO Live	Technical	As billed		ML Environmental Consulting Inc.	To provide consultation work for MH - Replace air handling unit.	6,850	-
Agencies and Corporations	TO Live	Technical	As billed		ML Environmental Consulting Inc.	To provide consultation of designated Substances & Hazardous Materials Survey Proposal.	2,110	-
Agencies and Corporations	TO Live	Technical	As billed		Novita Techne Limited	To provide consultation of MAC Technical Theatre Projects.	20,800	-
Agencies and Corporations	TO Live	Technical	As billed		Smith +Andersen	To provide additional Tests & Surveys/ Emergency Lighting assessment at STLC.	6,125	6,000
Agencies and Corporations	TO Live	Technical	As billed		The Offord Group Inc.	To provide consultation work of STLC - Preliminary Case for Support Development.	14,000	-
Agencies and Corporations	TO Live	Technical	As billed		Ugarit Contracting LTD.	To provide consultation work on STLC - O.B.C Deficiencies and Urgent Repairs.	-	129,006

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Appendix B-3: 2020 Consulting Services Expenditure - Capital

Service Group / Agency / Corporation	Division/Board	Expense Category	Contract / PO / DPO Date (dd mmm yy)	Contract / PO / DPO No(s)	Consultant s Name	Description of Work	2020 Expenditure	2019 Expenditure ¹
Agencies and Corporations	TO Live	Technical	As billed		YMSD Consulting	To provide consultation work on the building state of repair.	-	3,650
Agencies and Corporations	TO Live	Technical	As billed		YMSD Consulting	To provide consultation work on MH Store occupancy design.	4,050	-
TO Live Total							1,075,004	804,323

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Appendix B-3: 2020 Consulting Services Expenditure - Capital

Service Group / Agency / Corporation	Division/Board	Expense Category	Contract / PO / DPO Date (dd mmm yy)	Contract / PO / DPO No(s)	Consultant s Name	Description of Work	2020 Expenditure	2019 Expenditure ¹
Agencies and Corporations	Toronto Community Housing Corporation	Legal	07-Nov-18	92882	KPMG LLP	To provide advice on the quality assurance consulting services for Integrated Housing Management System (IHMS) project, and deliver Quality Assurance Managements Services including a QA Strategy, Plan and Monthly QA reports to TCHC.	537,225	311,166
Agencies and Corporations	Toronto Community Housing Corporation	Legal	29-Apr-19	134091	Pricewaterhouse Coopers Inc.	To provide advice on the IHMS Project: Change Management Lead. To deliver Business Process Re-engineering deliverables and supplement training materials.	2,385,610	115,200
Toronto Community Housing Corporation Total							2,922,835	426,366

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Appendix B-3: 2020 Consulting Services Expenditure - Capital

Service Group / Agency / Corporation	Division/Board	Expense Category	Contract / PO / DPO Date (dd mmm yy)	Contract / PO / DPO No(s)	Consultant s Name	Description of Work	2020 Expenditure	2019 Expenditure ¹
Agencies and Corporations	Toronto Police Service	Information Technology	24-Jun-19	47022226, 9237411	Teramach Technologies Inc.	To provide technical advice and research for solutions related to the Next Generation (NG9-1-1) Project.	135,227	41,144
Agencies and Corporations	Toronto Police Service	Legal	05-Feb-19	6048331,	Procurement Law Office Professional	To provide legal and procurement advice in regards to the Body Worn Camera Project.	4,681	157,512
Agencies and Corporations	Toronto Police Service	Legal	25-Sep-20	3597291, 6051566	Deeth Williams Wall LLP	To review and provide expert opinion and on Solacom software license Agreement.	35,138	-
Agencies and Corporations	Toronto Police Service	Management / Research & Development	12-Sep-17	6045611, 6050451	HKA Global Canada Inc.	To provide oversight and evaluate the competitive procurement of Body Worn Camera Project.	22,516	40,881
Agencies and Corporations	Toronto Police Service	Management / Research & Development	01-Jul-19	47022255, 9243355	Kasian Architecture Ontario Inc.	To undertake an internal organizational review to provide recommendations for realignment and efficiencies to reduce overcrowding and maximize use of space.	-	11,295
Agencies and Corporations	Toronto Police Service	Management / Research & Development	19-Aug-19	6049357,	Bell Canada	To provide an operational review, including a complete process mapping and traffic analysis to provide recommendations to improve delivery of contact centre services.	-	45,792
Agencies and Corporations	Toronto Police Service	Management / Research & Development	27-Aug-19	6049411,	Ian Martin Information Technology	To conduct a Privacy Impact Assessment for the Body Worn Camera Project, providing recommendations to mitigate risks.	7,408	48,021
Agencies and Corporations	Toronto Police Service	Technical	08-Apr-19	47022143, 9293266, 9296854, 9299270, 9307307, 9315447	Teramach Technologies Inc.	To provide a business process review, training and implementation strategies for the Body Worn Camera Project.	60,583	117,426
Agencies and Corporations	Toronto Police Service	Technical	12-May-19	6046593,	400525 Ontario Limited	To develop and propose a preferred long-term plan regarding the use of the 700 MHz broadband spectrum for Public Safety Broadband.	-	91,080
Agencies and Corporations	Toronto Police Service	Technical	12-May-20	3593431, 6050801	SoftChoice L.P.	To provide expert opinion and report on airbag compliance testing for Mobile Workstation Lifecycle.	38,923	-
Agencies and Corporations	Toronto Police Service	Technical	31-Dec-20	PO not required per Schedule A of the Purchasing Bylaw.	Build Toronto Inc.	To provide investigations and reports on geotechnical engineering recommendations pertaining to the proposed development of Division 54/55 site.	91,518	-
Toronto Police Service Total							395,994	553,151

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Service Group / Agency / Corporation	Division/Board	Expense Category	Contract / PO / DPO Date (dd mmm yy)	Contract / PO / DPO No(s)	Consultant s Name	Description of Work	2020 Expenditure	2019 Expenditure ¹
Agencies and Corporations	Toronto Public Library Board	Management / Research & Development	19-Dec-18	PO0027498	Ernst & Young LLP	To provide Facilities Master Plan consulting services.	-	48,509
Toronto Public Library Board Total							-	48,509

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Appendix B-3: 2020 Consulting Services Expenditure - Capital

Service Group / Agency / Corporation	Division/Board	Expense Category	Contract / PO / DPO Date (dd mmm yy)	Contract / PO / DPO No(s)	Consultant s Name	Description of Work	2020 Expenditure	2019 Expenditure ¹
Agencies and Corporations	Toronto Transit Commission	Legal	15-Feb-15	PU194658	Blakes LLP	To provide advice as it relates to partnering with OPG Electrification and Toronto Hydro.	71,016	-
Agencies and Corporations	Toronto Transit Commission	Legal	29-Oct-18	C22PH19701	Chernos Flaherty svonkin LLP	To provide legal counsel to the TTC for the arbitration and settlement negotiations with PRESTO.	280,675	171,017
Agencies and Corporations	Toronto Transit Commission	Legal	28-May-19	PU194658	Willms & Shier LLP	To provide advice as it relates to environmental issues (specifically to the tank audit issue)	411,324	103,885
Agencies and Corporations	Toronto Transit Commission	Legal	01-Sep-20	PU486771	Willms & Shier LLP	To provide advice on TTC's environmental legal services tank and tank system audit.	41,487	-
Agencies and Corporations	Toronto Transit Commission	Legal	24/2/2015	PU194684	Osler, Hoskins & Harcourt Law Services (C. Wong)	To provide strategic, advisory and legal services within the areas of drafting and reviewing documents, providing general and specific assessments, advise and research on various technology related issues, providing a risk assessment with mitigation options on various IT projects issues, providing legal opinions with recommendations, providing general legal advice on compliance related matters and best practices, provide written and verbal briefings, provide legal strategy and support for the Technology and Telecommunications Services.	2,926	11,066
Agencies and Corporations	Toronto Transit Commission	Legal	24/2/2015	PU194684	Osler, Hoskins & Harcourt Law Services (C. Wong)	To provide strategic, advisory and legal services within the areas of drafting and reviewing documents, providing general and specific assessments, advise and research on various technology related issues, providing a risk assessment with mitigation options on various IT projects issues, providing legal opinions with recommendations, providing general legal advice on compliance related matters and best practices, provide written and verbal briefings, provide legal strategy and support for the Technology and Telecommunications Services.	-	692
Agencies and Corporations	Toronto Transit Commission	Management / Research & Development	28-Jun-17	C41PY17847	Optimus SBR Inc	To Assist Organizational Project Management Services: Service Delivery- PMO Implementation(Task 5) (Contract Closed).	-	16,027
Agencies and Corporations	Toronto Transit Commission	Management / Research & Development	02-Jan-18	C32PY17727	KPMG LLP	To Assist Improvement & Efficiency Review-Service Delivery Group.	-	194,256
Agencies and Corporations	Toronto Transit Commission	Management / Research & Development	01-Sep-18	C41PY17845	Execute Strategy Inc.	To Assist Organizational Project Management Services in Supporting Service Delivery Group of Project Management Office and Non-Revenue Vehicles (Task 17).	-	115,104
Agencies and Corporations	Toronto Transit Commission	Management / Research & Development	17-Oct-18	C41PY17844	Ernst & Young LLP	To Assist Organizational Project Management Services-LFLRV Project Budget Management Practices (task 5) (Contract Closed).	-	62,387
Agencies and Corporations	Toronto Transit Commission	Management / Research & Development	17-Oct-18	C41PY17846	KPMG LLP	To assist Organizational Project Management Services - Service Delivery Group.	-	19,997

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Service Group / Agency / Corporation	Division/Board	Expense Category	Contract / PO / DPO Date (dd mmm yy)	Contract / PO / DPO No(s)	Consultant s Name	Description of Work	2020 Expenditure	2019 Expenditure ¹
Agencies and Corporations	Toronto Transit Commission	Management / Research & Development	31-May-19	C32PC19867	CIMA Canada Inc.	To provide portfolio management and auditing services to assist with the development and roll-out of standards, procedures, tools and templates and management systems for standardizing, tracking, monitoring and baselining of TTC's portfolio of projects and initiatives.	102,668	-
Agencies and Corporations	Toronto Transit Commission	Management / Research & Development	31-May-19	C32PC19868	Ernst & Young LLP	To provide portfolio management and auditing services to assist with the development and roll-out of standards, procedures, tools and templates and management systems for standardizing, tracking, monitoring and baselining of TTC's portfolio of projects and initiatives.	64,566	-
Agencies and Corporations	Toronto Transit Commission	Management / Research & Development	31-May-19	C41PC19864	Ernst & Young LLP	To assist the TTC to improve it's Project Management Maturity in response to the KPMG Capital Project Delivery Review conducted in 2016. Standards Support.	93,381	28,143
Agencies and Corporations	Toronto Transit Commission	Management / Research & Development	31-May-19	C32PC19869	Execute Strategy Inc.	To provide portfolio management and auditing services to assist with the development and roll-out of standards, procedures, tools and templates and management systems for standardizing, tracking, monitoring and baselining of TTC's portfolio of projects and initiatives.	282,294	264,108
Agencies and Corporations	Toronto Transit Commission	Management / Research & Development	31-May-19	C32PC19870	Optimus SBR Inc	To provide portfolio management and auditing services to assist with the development and roll-out of standards, procedures, tools and templates and management systems for standardizing, tracking, monitoring and baselining of TTC's portfolio of projects and initiatives.	263,034	178,080
Agencies and Corporations	Toronto Transit Commission	Management / Research & Development	08-Nov-19	C31PU1994	CH2M Hill Canada Limited	To develop detailed designs for two Bus Rapid Transit (BRT) corridors and to implement exclusive bus lanes, stop consolidation, and all-door boarding to speed up bus service on Toronto's busiest travelling corridors.	143,261	-
Agencies and Corporations	Toronto Transit Commission	Management / Research & Development	21-May-20	C32PH20807	GEF Consulting Inc.	To provide procurement management and negotiation for all vehicle capital portfolio in alignment with TTC's policy procedure and industrial best practice.	618,612	-
Agencies and Corporations	Toronto Transit Commission	Management / Research & Development	01-Jun-17	C41PY17844	Ernst & Young LLP	To provide Portfolio Management Office with the following services: Performance Framework Review Compliance, Performance Review of PRESTO program, Review of PMF Standard.	-	9,128
Agencies and Corporations	Toronto Transit Commission	Management / Research & Development	01-Jun-17	C41PY17845	Execute Strategy Inc.	To provide the following services: Resource Planning Needs Assessment, Standards Development, Project Management Community of Practice.	-	34,487
Agencies and Corporations	Toronto Transit Commission	Technical	03-Jan-00	C41PE19705	LTK Consulting Services Inc.	To provide consulting and professional support for New Streetcar Quality Assurance, Quality Control, and Commission Services: e.g. QA/QC Inspector resource that directly supports project of purchase of 204 Light Rail Streetcars commissioning activities in Thunder Bay, Ontario/Sahagun, Mexico, engineering analysis, and recommendation and findings.	264,694	556,195

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Agencies and Corporations	Toronto Transit Commission	Technical	13-Jun-13	C23PH13702	Ontario Environmental & Safety Network Ltd.	To provide specialized asbestos abatement services to supplement in-house expertise on an as required basis and addressing the specific requirement at that time, including bulk sampling, site inspections, design, review asbestos management records and exposure, provide recommendation.	118,804	146,893
Agencies and Corporations	Toronto Transit Commission	Technical	10-Jun-15	C31PM15828	Bombardier Transportation	To provide consulting for safety and reliably operation of SRT vehicle through evaluation of current operations and maintenance practices, integrity assessment of carbody and trucks, and capacity and performance improvement recommendations.	297,853	176,846
Agencies and Corporations	Toronto Transit Commission	Technical	10-Jun-15	C31PZ15736	CH2M Hill Canada Limited	To provide consulting Engineering services to provide multi-disciplinary engineering to support Rail Cars & Shops.	162,873	354,072
Agencies and Corporations	Toronto Transit Commission	Technical	10-Jun-15	C31PZ15736	CH2M Hill Canada Limited	To provide consulting Engineering services to provide multi-disciplinary engineering to support Rail Cars & Shops.	28,218	-
Agencies and Corporations	Toronto Transit Commission	Technical	03-Jan-17	C31PE16918	Mott MacDonald Canada Ltd.	To provide the Load Flow Study and Supply of Simulation Platform.	-	360,798
Agencies and Corporations	Toronto Transit Commission	Technical	15-Feb-17	C32PZ17736	S. Green Services	To provide support for reliability performance monitoring and configuration management support for the LFLRV capital project.	-	60,504
Agencies and Corporations	Toronto Transit Commission	Technical	08-Sep-17	C32PW17941	SCL LRT Engineering Services	To provide support for the procurement contract with Bombardier Transportation supporting with the design, production, quality and delivery of the new Low Floor Light Rail Vehicle (LFLRV).	7,937	61,260
Agencies and Corporations	Toronto Transit Commission	Technical	17-Oct-17	PU333832/C11PA 17973	HDR Corporation	To provide consulting on study on Leslie Barns.	85,555	-
Agencies and Corporations	Toronto Transit Commission	Technical	05-Jan-18	PU349437	Frontop Engineering Limited	To provide noise and vibration testing.	17,299	-
Agencies and Corporations	Toronto Transit Commission	Technical	31-Mar-18	C32PE18790	Marathon Technical Services	To conduct the Feasibility Study Phase 1.	-	2,035
Agencies and Corporations	Toronto Transit Commission	Technical	17-Apr-18	C32PY17726	CH2M Hill Canada Limited	To assist the Passenger Capacity Improvement Study for the T1 and Toronto Rocket (TR) cars.	-	222,027
Agencies and Corporations	Toronto Transit Commission	Technical	13-Sep-18	C41PE18926	CH2M Hill Canada Limited	To provide advice for New Streetcar Quality Assurance, findings and recommendations.	129,562	1,142,322
Agencies and Corporations	Toronto Transit Commission	Technical	13-Sep-18	C41PE18927	LTK Consulting Services Inc.	To provide consulting and professional support with recommendations and findings for New Streetcar Evaluation, System Safety.	242,784	81,255
Agencies and Corporations	Toronto Transit Commission	Technical	13-Sep-18	C41PE18928	Mott MacDonald Canada Ltd.	To provide support related to light rail vehicles, and review technical issues, recommendations/findings, development of specifications, engineering analysis and independent studies.	126,970	118,530
Agencies and Corporations	Toronto Transit Commission	Technical	25-Sep-18	C41PE18939	CH2M Hill Canada Limited	To review and develop specifications for different types of non-revenue vehicles and equipment.	519,866	580,863
Agencies and Corporations	Toronto Transit Commission	Technical	25-Sep-18	C41PE18941	KPMG LLP	To provide support for fleet visualization, project deliverables, strategic facilitation services for bus collision reduction and project management.	530,970	414,033
Agencies and Corporations	Toronto Transit Commission	Technical	25-Sep-18	C41PE18940	WSP Canada Group Limited	To conduct Quality Review of various eBus manufacturers, focusing on key areas such as production, quality systems, materials management, staff training and vehicle quality.	607,861	503,792

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Agencies and Corporations	Toronto Transit Commission	Technical	05-Dec-18	C31PB18875	Kinectrics Inc.	To provide a conditional assessment for electrical equipment.	348,120	192,919
Agencies and Corporations	Toronto Transit Commission	Technical	02-Jan-19	C41PE19704	Comtech Group Inc.	To provide support for New Streetcar Quality Assurance, Quality Control, and Commission Services by conducting engineering analysis and recommendations/findings.	293,716	334,233
Agencies and Corporations	Toronto Transit Commission	Technical	02-Jan-19	C41PE19706	SNC-Lavalin Inc.	To provide the New Streetcar Quality Assurance, Quality Control, and Commission Services and problem resolution, engineering analysis and recommendations.	97,969	173,843
Agencies and Corporations	Toronto Transit Commission	Technical	19-Feb-19	C31PG18952	SNC-Lavalin Inc.	To provide an in-depth understanding of the status of its signalling system currently in operation on Line 2 of the subway network and replace with a communications-based train control solution.	-	224,748
Agencies and Corporations	Toronto Transit Commission	Technical	14-Jun-19	C31PF19887	Aecom Canada Ltd	To provide consulting services to perform a study and develop a workplan for design and construction of Hillcrest Expansion project.	45,022	-
Agencies and Corporations	Toronto Transit Commission	Technical	10-Jul-19	P31CB18288/PU3 81023	Thales Canada	To provide a study on Scarborough Rapid Transit train control life extension.	-	111,414
Agencies and Corporations	Toronto Transit Commission	Technical	26-Jul-19	C32PJ19918	CH2M Hill Canada Limited	To provide project management and engineering services for Subway, SRT and Workcar relating to Second Network Technical Specification Development and Safety Support for Completion of Full Train Analysis.	129,168	-
Agencies and Corporations	Toronto Transit Commission	Technical	26-Jul-19	C32PJ19918	CH2M Hill Canada Limited	To provide advice on the project set-up, transit modification, carshops and street racing technology life extension evaluation review, workcars Projects.	31,702	24,317
Agencies and Corporations	Toronto Transit Commission	Technical	26-Jul-19	C32PJ19918	CH2M Hill Canada Limited	To provide advice on the project set-up, transit modification, carshops and street racing technology life extension evaluation review, workcars Projects.	584,461	24,317
Agencies and Corporations	Toronto Transit Commission	Technical	26-Jul-19	C32PJ19917	LTK Consulting Services Inc.	To provide a study for T1 Fleet Life Extension Scoping Study, Subway procurement engineering services, Street Racing Technology and Workcars.	611,917	312,943
Agencies and Corporations	Toronto Transit Commission	Technical	26-Jul-19	C32PJ19919	Mott MacDonald Canada Ltd.	To provide consulting support for project set-up, TR modification, Carshops and SRT OEM life extension Evaluation Review, Workcars and RC&S Projects..	102,055	-
Agencies and Corporations	Toronto Transit Commission	Technical	24-Apr-20	C02PU20751	Swerhun Inc.	To facilitate the public engagement process for the TTC's 2021 Annual Service Plan (ASP).	115,917	-
Toronto Transit Commission Total							7,876,537	7,388,535

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Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Creative Communications	19-Jul-18	1978.R11	Bespoke Cultural Collective	To deliver creative assets related to the "Meet Me in 2024" Public Campaign for Port Lands.	-	14,825
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Creative Communications	31-Jan-19	1978.R13	Bespoke Cultural Collective	To provide strategy on public engagement for outdoor equipment for Port Lands project.	-	28,289
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Creative Communications	18-Mar-19	1978.R14	Bespoke Cultural Collective	To provide advice on Project Communications and Engagement Plan for Quayside Microsite.	-	28,155
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Creative Communications	20-Mar-19	2241	Swerhun Inc.	To provide a Public Engagement Strategy and Execution for Quayside Project.	117,227	251,083
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Creative Communications	27-May-19	1978.R12, R16	Bespoke Cultural Collective	To provide advice on public communication for the Port Lands project.	-	81,125
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Creative Communications	19-Jun-19	1978.R19	Bespoke Cultural Collective	To provide development for Phase II of Port Lands website.	-	13,626
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Creative Communications	16-Oct-19	1978.R21 and R29	Bespoke Cultural Collective	To provide editorial and design development of fundraising case for support document.	55,297	3,750
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Creative Communications	18-Oct-19	1978.R22	Bespoke Cultural Collective	To provide design, creative direction and content coordination for Design Review Panel Handbook.	8,950	20,835
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Information Technology	20-Dec-19	2403	Global Privacy & Security by Design Centre	To provide advice on Privacy, Data Governance, and Related Matters.	6,059	6,360
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Legal	06-Jul-16	1837.R01 and 04	Bennett Jones LLP	To provide legal service on real estate development transactions.	-	6,359
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Legal	21-Apr-17	2003 & 2123	McCarthy Tetrault LLP	To provide advice associated with the Quayside Plan Development Agreement and the Innovation Partnership.	378,470	349,628
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Legal	19-Jun-17	1839.R02-05 and R12	Dentons Canada LLP	To provide legal advisory services for Quayside Project.	14,458	157,949
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Legal	27-Mar-19	2227	nNovation LLP	To provide advice on Quayside Digital Governance and Related Matters.	46,020	53,316
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Legal	17-Dec-19	2365	Stikeman Elliott LLP	To provide advice on settlement of Non-Disturbance agreement.	-	34,394
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Legal	23-Mar-20	2446	Brion Raffoul Intellectual Property Law	To provide advice and services for Quayside Intellectual Property Issues and negotiations.	32,314	-
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Legal	30-Mar-20	2450	Own Innovation	To provide advice and services for Quayside Intellectual Property Issues and negotiations.	20,000	-
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Legal	16-Apr-20	1839.R10 and R11	Dentons Canada LLP	To provide legal services for Municipal Land Transfers and COVID Legal Review Construction Contract.	7,937	-

¹ Certain corresponding figures have been restated where updated data was received for 2019.

Appendix B-3: 2020 Consulting Services Expenditure - Capital

Service Group / Agency / Corporation	Division/Board	Expense Category	Contract / PO / DPO Date (dd mmm yy)	Contract / PO / DPO No(s)	Consultant s Name	Description of Work	2020 Expenditure	2019 Expenditure ¹
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Management / Research & Development	26-Oct-16	1799	Arup Canada Inc.	To provide a Quayside Master Innovation Development Plan Subject Matter Expert (SME) relating to Sustainable Systems and Technology.	-	38,500
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Management / Research & Development	29-Mar-19	2060.R02 and 03	N. Barry Lyon Consultants Limited	To provide Land Value and Financial Review for Quayside Master Innovation and Development Plan - Housing Pillar.	40,890	1,980
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Management / Research & Development	12-Jun-19	2294	Moriyama & Teshima Architects	To provide a Quayside Master Innovation Development Plan Subject Matter Expert (SME) - Buildings Review: Architectural.	-	32,992
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Management / Research & Development	06-Aug-19	2331	Steer Davies Gleave North America	To provide a Quayside Master Innovation Development Plan Subject Matter Expert (SME) - Economic Development Review.	23,567	34,382
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Management / Research & Development	12-Aug-19	2310	Perkins & Will	To provide a Quayside Master Innovation Development Plan Subject Matter Expert (SME) - Public Realm Review.	-	102,480
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Management / Research & Development	06-Oct-19	2338	The Lonsdale Group	To provide a Quayside Master Innovation Development Plan Subject Matter Expert (SME) - Social Infrastructure.	-	7,000
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Management / Research & Development	07-Dec-19	2370	Hammersmith Consultants	To provide strategic advice to assess funding, process and timing options to accelerate Waterfront Transit.	-	9,350
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Management / Research & Development	19-Dec-19	2368	Carters Professional Corporation	To provide advice on fundraising.	46,399	-
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Management / Research & Development	02-Jan-20	2402	Element AI Inc	To provide consulting on Preliminary Human Rights Assessment of the Proposed Quayside Master Innovation Development Plan.	301,804	-
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Technical	31-Oct-16	1901 and 2056.R01	KPMG LLP	To provide advise for Quayside Redevelopment - Process, Financial Analysis and Transactions.	143,006	170,148
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Technical	26-Feb-19	2060.R01	N. Barry Lyon Consultants Limited	To provide review on the Order of Magnitude Land Value.	-	41,505
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Technical	30-May-19	2300	Gladki Planning Associates Inc.	To provide consulting on the East Bayfront Review Urban Planning and Development.	6,000	-
Agencies and Corporations	Toronto Waterfront Revitalization Corporation	Technical	20-Aug-20	2482	Section Architects Ltd.	To provide consulting on Quayside Long Term Care Feasibility Study.	16,320	-
Toronto Waterfront Revitalization Corporation Total							1,264,720	1,488,030

¹ Certain corresponding figures have been restated where updated data was received for 2019.

Appendix B-3: 2020 Consulting Services Expenditure - Capital

Service Group / Agency / Corporation	Division/Board	Expense Category	Contract / PO / DPO Date (dd mmm yy)	Contract / PO / DPO No(s)	Consultant s Name	Description of Work	2020 Expenditure	2019 Expenditure ¹
Agencies and Corporations	Toronto Zoo	Management / Research & Development	10-Dec-18	PO0075469	Zeidler Architecture Inc.	To provide advice on the Orangutan Phase III project is an animal improvement project.	124,621	325,374
Agencies and Corporations	Toronto Zoo	Management / Research & Development	10-Jul-19	PO0078537	Zeidler Architecture Inc.	To provide Advice & Design Services for the Front Entrance and Welcome Area.	329,212	35,131
Agencies and Corporations	Toronto Zoo	Management / Research & Development	09-04-2019	PO0079301	WSP Canada Group Limited	To conduct a Site services study to identify deficiencies with our existing services and recommendations for repair.	-	128,314
Agencies and Corporations	Toronto Zoo	Technical	05-Mar-20	PO0081924	Read Jones Christoffersen Ltd.	To provide consulting services for the design and specifications to repair and waterproof the foundation at Valley Halla (Heritage Designated Building).	4,417	-
Agencies and Corporations	Toronto Zoo	Technical	24-Mar-20	PO0082210	WSP Canada Group Limited	To provide consulting services to complete the detailed design and tendering work that is required to design new accessible pathways.	39,294	-
Agencies and Corporations	Toronto Zoo	Technical	29-Apr-20	PO0082487	Moon-Matz Ltd.	To provide consulting services for the design and tendering of the changes required to the existing Life Support System in the polar bear exhibit and holding building to accommodate the walrus.	22,919	-
Agencies and Corporations	Toronto Zoo	Technical	07-May-20	PO0082556	H.H. Angus & Associates Ltd.	To provide consulting services to provide a report on various automatic door opening and closing technologies available on the market that will accomplish smooth, reliable, efficient, quiet and safe operation of the Gorilla Holding Doors to ensure that animal and human safety is preserved and the doors can safely house the gorillas and be operated automatically and reliably by human animal keepers without animal interaction.	5,821	-
Agencies and Corporations	Toronto Zoo	Technical	10-Jun-20	PO0082828	TSS Building Science Inc.	To provide consulting services to complete the detailed design and tendering work that is required for new accessible roofs for the giraffe house, education building, and canopy classroom.	10,394	-
Agencies and Corporations	Toronto Zoo	Technical	13-Aug-20	PO0083529	Grounded Engineering	To provide consulting services to conduct a geotechnical investigation to determine soil and groundwater conditions at the site for the new Conservation Campus for structural engineering.	51,435	-
Agencies and Corporations	Toronto Zoo	Technical	09-11-2018	PO0074219	IRC Building Sciences Group Inc.	To provide advice and design for member & guest services building - Roof Rehabilitation.	-	3,600
Toronto Zoo Total							588,113	492,419
Agencies and Corporations Total							14,123,203	11,224,960
Grand Total							26,134,307	24,164,193

¹ Certain corresponding figures have been restated where updated data was received for 2019.