

Parts, Supplies, Equipment and Services for the City of Hamilton Environmental Laboratory												
Vendor Name	Original Equipment Manufacturer (OEM)	Provider for Service	Distributor for Parts/ Consummables	(OEM) Description of Goods and/or Service Supplied	Provider for Service	Distributor for Parts/ Consummables	Est. Annual Spend 2022	Annual Spent 2021	Annual Spent 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017
AirOn HVAC Services Ltd.	x	x		Provide all Labour, Equipment and Materials necessary to service and maintain the Laboratory's only Makeup Air Unit (MAU).	The Makeup Air Unit (Engineered Air) is the sole unit that provides exhaust for all laboratory chemical hoods. AirOn has been providing this service and now has an intimate history of the needs and complexity, as well as AirOn technicians are specially trained to maintain and service this MUA unit, until a replacement unit can be provided under separate contract. In addition AirOn is the Sole OEM authorized service provider for Honeywell Niagara (WAS Building) and Bistech (TSB Building) products.		\$ 115,000.00	\$250,876.73	\$75,629	\$ 175,519.15	\$ 74,650.00	\$ 58,612.00
Eurofins Abraxis Inc	x		x	Supplies, Certified Reference Materials and Laboratory Performance Testing samples for microcystins ELISA analysis.		Sole worldwide manufacturer and North American distributor of Supplies for microcystins ELISA analysis including Certified Reference Materials and Laboratory Performance Testing samples.	\$ 11,000.00	\$ 9,967.47	\$ 9,552.00	\$ 8,892.72	\$ 6,675.00	\$ 9,300.00
Agilent Technologies Canada, Inc.	x	x	x	Instruments, parts, supplies and service for trace metal (Agilent 5900 ICPOES and Agilent 7900 ICPMS) and trace organic analysis (Agilent GC/MSD System, Tekmar Purge and Trap auto sampler with Agilent GC/MSD System, Agilent GC/MS/MS System, SPME PAL Autosampler with GC/MSD System).	Sole OEM - Preventive Maintenance, Repair, Service Contract for existing equipment utilized by the Environmental Laboratory for the analysis of drinking water, wastewater and biosolids	Sole OEM - spare parts, brokerage fees, supplies for existing equipment utilized by the Environmental Laboratory for the analysis of drinking water, wastewater and biosolids	\$ 110,000.00	\$ 105,158.82	\$ 55,472.32	\$ 63,855.20	\$ 64,948.96	\$ 66,610.49
The Canadian Association for Laboratory Accreditation Inc. (CALA)		x			On site ISO 17025 Laboratory Assessments utilized by the Environmental Laboratory to maintain ISO 17025 Accreditation. Accreditation is mandatory in order for the City of Hamilton Environmental Lab to be able to continue to analyze drinking water. The Lab has been accredited by CALA since 1996. There are 2 accreditation bodies in Canada, however , CALA specializes in Laboratory accreditation. CALA assessors have current hands on lab experience enabling them to bring unsurpassed technical expertise to each on-site audit.		\$ 24,000.00	\$ 11,559.90	\$ 12,346.58	\$ 24,265.70	\$ 27,550.00	\$ 22,400.00
IDEXX Distribution, Inc./IDEXX Laboratories Canada Corp./IDEXX Laboratories, Inc.	x		x	Parts and supplies for Microbiological analysis of regulated drinking waters, wastewaters and biosolids.		Sole Provider of supplies, and spare parts for existing equipment utilized by the Environmental Laboratory for the analysis of total coliforms and E.coli in drinking water and wastewater.	\$ 36,000.00	\$ 33,263.14	\$33,420.61	\$ 7,513.26	\$ 16,805.00	NA

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Magnetar Corporation	x	x		Maintenance and Upgrades to SIRIUS Laboratory Information Management System (LIMS) database.	Sole provider of Maintenance and Upgrades to SIRIUS Laboratory Information Management System (LIMS) database.		\$ 45,000.00	\$ 40,402.10	\$ 39,246.67	\$ 25,432.48	\$ 22,245.76	\$ 21,601.37
Millipore (Canada Ltd.)/ EMD Millipore Corporation/Millipore Canada Ltd.	x		x	Parts, supplies for Laboratory water purification systems for trace analysis.		OEM - Consumables for existing water treatment equipment utilized by the Environmental Laboratory. The PM agreement gives the laboratory a discount off the list price of Millipore-EMD OEM consumables if purchased directly from Millipore-EMD. This is a significant cost savings provided to the City of Hamilton. Millipore will guarantee that the waters produced by their systems will meet the stated specifications for the equipment only if OEM Millipore brand parts are used. The lab has specific quality guidelines for the RO and LGW and must ensure that the equipment is capable of producing this quality, therefore it is essential to use OEM parts.	\$ 25,000.00	\$ 21,960.00	\$ 14,147.42	\$ 16,488.92	\$ 17,671.00	\$ 14,692.36
PTC Proficiency Testing Canada (Proficiency Testing Canada Inc.)			x			Provider of specialized standards utilized by the Environmental Laboratory to maintain ISO 17025 Accreditation. Double-blind Proficiency Testing (PT) water & wastewater samples are required to maintain accreditation for environmental laboratories involved in the analysis of drinking water. It is recommended that these PT study samples continue to be purchased from PTC because they are the sole provider who meets all of the requirements -are an accredited PT Provider, on the accreditation body's list of approved vendors, able to provide whole volume samples including microbiology, can provide all required standards as 4 whole volume samples twice a year, able to provide 4 samples per analyte at different concentration ranges from low to high, guarantee a minimum of 20 participants per study, evaluation of data for bias, statistical analysis of data, takes into account the method detection limits, compares study data to historical study data to ensure standard deviations are fit for purpose.	\$ 13,000.00	\$ 11,367.80	\$10,600.00	NA	NA	NA

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SGS Canada Inc.		x			Laboratory Analytical Services accredited to ISO 17025 and MECP Licensed for regulatory drinking water analysis for specific tests listed in their scope of analysis. The last time this service was tendered, there were no successful applicants. The tender was re- issued with only one successful applicant who passed the mandatory requirements. The tender was re-issued a third time and there were 2 more applicants that passed the pre-qualification. However, SGS Canada Inc. was the only applicant who passed the performance sample testing requirement. The process took 4 years. This vendor is being used to analyse regulatory drinking water and must be competent to do the analysis.		\$ 145,000.00	\$ 222,136.77	\$ 123,171.35	\$ 34,059.27	\$ 38,738.10	\$ 109,074.00
Skalar Inc.	x	x	x	Instruments parts, supplies and service for Skalar Automated Chemistry Systems.	Sole authorized service provider - Preventive Maintenance, Repair, Service Contract for existing equipment utilized by the Environmental Laboratory for the analysis of drinking water, wastewater and biosolids	Sole distributor- spare parts, brokerage fees, supplies for existing equipment utilized by the Environmental Laboratory for the analysis of drinking water, wastewater and biosolids.	\$ 30,000.00	\$ 29,837.20	\$ 19,334.95	\$ 13,377.95	\$ 22,071.50	\$ 17,794.00
Systems Plus (1936100 Ontario Inc.)	x		x	Provider of pre-cleaned, pre-labelled Laboratory Bottles for all analytical analysis including regulatory drinking water.		Provider of pre-cleaned, pre-labelled Laboratory Bottles for all analytical analysis including regulatory drinking water. Sole bottle supplier who can offer us the wide range of ready to use suitable sample bottles required by CHEL that meet all of the requirements	\$ 50,000.00	\$ 47,574.84	\$ 35,568.82	\$ 34,607.66	\$ 31,150.74	\$ 44,404.30
VWR (A Part of Avantor) / VWR International Co./Avantor Delivered by VWR			x	Provider of specialized standards utilized by the Environmental Laboratory to maintain ISO 17025 Accreditation.		The City of Hamilton Environmental Lab requires the delivery of a set of specialized QC reference standards each month which are used to provide assurance of the quality of data produced by the Lab. It is recommended that these be purchased from ERA through VWR (A Part of Avantor). ERA is able to provide the complete set of standards required and VWR is the only Canadian distributor for ERA QC reference Standards.	\$ 30,000.00	\$ 25,085.93	\$ 25,895.00	\$ 21,000.00	\$ 20,616.00	\$ 23,342.00
Environmental Resource Associates (ERA)	x											
Linde Canada Inc	x		x	Provider of Specialty Gases for Laboratory Analysis using Analytical Instrumentation		There are currently only 3 suppliers of specialty gases in the market, however, only Linde is able to provide ultrapure helium at this time. Currently, the bulk argon tank located inside the laboratory building belongs to Linde.	\$ 30,000.00	\$ 28,979.00				
TOTALS							\$ 664,000.00	\$ 838,169.70	\$ 454,384.72	\$ 425,012.31	\$ 343,122.06	\$ 387,830.52