

Appendix A - Listing of Standardized Original Equipment Manufacturers, Distributors, Parts, Supplies Equipment and Services for Hamilton Water								
Vendor Name	Original Equipment Manufacturer (OEM)	Provider for Service	Distributor for Equipment, Parts and Supplies	Original Equipment Manufacturer (OEM) Description of Goods and/or Services Supplied	Provider for Service	Distributor for Equipment, Parts and Supplies	Estimated Annual Expenditure	2023 Expenditure
A.R. Thomson Group	✓		✓	OEM of Gaskets (soft and metal), packing, mechanical seals and bearing isolators.		Sole authorized distributor of Gaskets (soft and metal), packing, mechanical seals and bearing isolators.	\$ 10,000	\$ 10,630
ABB Inc. (Asea Brown Boveri)	✓	✓	✓	Original Equipment Manufacturer for analyzers and transmitters, as well as GE Industrial Solutions electrical control equipment, switchgear, soft starters, variable frequency drives, power distribution equipment / Centrifuge power and control equipment. Original Equipment Manufacturer for regulatory water quality monitoring equipment which include measurement & analytical products.	Original Equipment Manufacturer, sole service provider for ABB and GE Industrial Solutions products.	Original Equipment Manufacturer, sole goods provider for ABB and GE Industrial Solutions products.	\$ 15,000	\$ -
ACG - Envirocan		✓	✓		Sole authorized service provider for Aqua-Aerobic Systems Inc. Aqua MegaDisk Cloth Media Filters, JWC Environmental, Muffin Monster®, Channel Monster®, Auger Monster®, Screenings Washer Monster®, Honey Monster® and Monster Screening Systems® products. Sole Provider of Flow-Tronic "Raven Eye 2" flow meter. Sole provider of Stamford Scientific International, Inc (SSI) aeration diffusers and associated parts.		\$ 200,000	\$ 39,900
ACI Instrumentation Ltd.		✓	✓		ACI Instruments LTD is the sole service provider for Pulsar, Greyline and Krohne products.	ACI Instruments LTD is the sole distributor of parts for Pulsar, Greyline, Hydroflow and Krohne products.	\$ 15,000	\$ 12,403
Active Scale Manufacturing Inc.	✓	✓	✓	Original Equipment Manufacturer for the truck weigh scale system used at the Woodward WWTP.	Sole authorized service provider for Active Scale products.	Sole authorized parts provider for Active Scale products.	\$ 5,000	\$ 6,704
AECOM Canada Limited		✓			AECOM's knowledge of the Electrical Power Centre (EPC) positions them to provide consulting services that support the City's maintenance staff in the performance of service, system modifications, maintenance and troubleshooting. This will help ensure the availability of emergency back-up power in the event of a power failure. AECOM was selected as part of a competitive procurement process for the design and construction of the Electrical Power Centre as part of the capital project.  AECOM is the sole vendor responsible for National Water Wastewater Benchmarking Initiative (NWWBI), through the Canadian Infrastructure Benchmarking Initiative (CIBI).		\$ 45,000	\$ 48,229.19
Aerzen Canada Inc.	✓	✓	✓	Original Equipment Manufacturer for Aerzen blowers and associated parts.	Sole authorized service provider for Aerzen Canada products.	Sole authorized parts provider for Aerzen Canada products.	\$ 30,000	\$ 1,762
Agilent Technologies Canada, Inc.	✓	✓	✓	Original Equipment Manufacturer - Supply of Instruments, parts, supplies and service for trace organic and trace metals analysis of drinking water, wastewater, surface water, storm water, landfill samples and biosolids	Sole Original Equipment Manufacturer - Preventive Maintenance, Repair, parts, Service Contract for existing equipment utilized by the Environmental Laboratory for trace organic and metals analysis of drinking water, wastewater, surface water, storm water, landfill samples and biosolids (Agilent 5900 ICPOES, Agilent 7900 ICPMS, 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 Original Equipment Manufacturer - instruments for trace organic and trace metals analysis and spare parts, consumables, brokerage fees, supplies for existing equipment utilized by the Environmental Laboratory for the analysis of drinking water, wastewater, surface water, storm water, landfill samples and biosolids. These include Agilent 5900 ICPOES, Agilent 7900 ICPMS, 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.	\$ 110,000	\$ 121,057

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Ainsworth Inc.		✓	✓			Sole authorized parts provider for Delta Controls products.	\$ 30,000	\$ 29,703
AirLiquide Canada Inc.	✓	✓	✓	Original Equipment Manufacturer, service provider and chemical supplier for the Carbon Dioxide Storage System installed at the Lynden Water System - Station HD05B. The system was installed through a competitive process resulting in contract C13-16-18 which established the transfer of the system to the City upon completion of the project. This includes the establishment of a rental service agreement, maintenance and chemical supply by AirLiquide beyond the completion of the contract.	Original Equipment Manufacturer, service provider and rental agreement for the Carbon Dioxide Storage System installed at the Lynden Water System.	Original Equipment Manufacturer and supplier of all parts, supplies, ongoing chemical requirements and tank level monitoring for the Carbon Dioxide Storage System.	\$ 20,000	\$ -
Alfa Laval Inc.	✓	✓	✓	Original Equipment Manufacturer for centrifuges, gravity thickener belts (formerly Ashbrooks) and associated parts.	Sole authorized service provider for Alfa Laval Canada Inc. and Ashbrooks products.	Sole authorized parts provider for Alfa Laval Canada Inc. and Ashbrooks products.	\$ 50,000	\$ 46,180
Anderson Electronics		✓	✓		Anderson Electronics is the preferred service provider for DC power battery bank protection systems. These systems are used to protect the electrical system including high voltage switch gear, pumps used at Woodward water treatment plant, major pumps stations and UPS units in Real Time Control stations. They also provide ongoing data trending, battery condition history and perform any required repairs. As they have all the history in their proprietary data base, an alternate provider would not have the history and trending data to make the appropriate repair recommendations.	Anderson Electronics is the preferred parts provider for DC power battery bank protection systems. These systems are used to protect the electrical system including high voltage switch gear, pumps used at Woodward water treatment plant, major pumps stations and UPS units in Real Time Control stations. They also provide ongoing data trending, battery condition history and perform any required repairs. As they have all the history in their proprietary data base, an alternate provider would not have the history and trending data to make the appropriate parts recommendations.	\$ 40,000	\$ -
Aqua Technical Sales Inc.		✓	✓		Sole authorized service provider for Smith & Loveless sewage pumps, headworks, screening, treatment equipment, Shade Aides and associated parts for the above.	Sole authorized distributor of Smith & Loveless sewage pumps, headworks, screening, treatment equipment, Shade Aides and associated parts for the above.	\$ 100,000	\$ -
Auma Canada Inc.	✓	✓	✓	Original Equipment Manufacturer for Auma products (formerly Troy-Ontor) including mechanical actuators, related assemblies, parts and services.	Sole authorized service provider for Auma products (formerly Troy-Ontor Inc.) in Canada.	Sole authorized parts distributor for Auma products (formerly Troy-Ontor Inc.) in Canada.	\$ 75,000	\$ 70,860
Avensys Solutions Inc.		✓	✓	Original Equipment Manufacturer for Mechanical Seal Pumps and Valve Packing, Engineered Polymer Hydraulic/Pneumatic Seals, Sheet Gaskets, Metal and Concrete Composite Coating Systems, MRO and Production Cleaners and Degreasers, Lubricants and Metal Working Fluids.	Sole authorized service provider for Teledyne ISCO and QCEC automatic water/wastewater sampling and flow monitoring equipment for Canada and for Fluid Components International LLC products in Ontario.	Sole parts distributor for Fluid Components International LLC products for the Province of Ontario and sole distributor for Teledyne ISCO and QCEC automatic water/wastewater sampling and flow monitoring equipment for Canada.	\$ 20,000	\$ 17,825
AW Chesterton Co Ltd	✓	✓	✓	Original Equipment Manufacturer for Mechanical Seal Pumps and Valve Packing, Engineered Polymer Hydraulic/Pneumatic Seals, Sheet Gaskets, Metal and Concrete Composite Coating Systems, MRO and Production Cleaners and Degreasers, Lubricants and Metal Working Fluids.	Sole authorized service provider for AW Chesterton Co. Ltd products and Inpro/Seals® Custom Engineered Bearing Protection and Process Seals.	Sole parts distributor for Inpro/Seals® Custom Engineered Bearing Protection and Process Seals.	\$ 20,000	\$ -
Benshaw Canada Controls Inc.	✓	✓	✓	Original Equipment Manufacturer for soft starters, variable frequency drives and switchgear equipment.	Authorized provider of service, maintenance and technical support including the supply and installation of proprietary and associated non-proprietary parts and assemblies in stations/facilities operated using Benshaw control logic. This work will require programming to be completed by Benshaw. The selection of Benshaw as the station control software was determined through a competitive capital procurement process.	The supply of proprietary and associated non-proprietary parts and assemblies in stations/facilities operated using Benshaw control logic. This work will require programming to be completed by Benshaw. The selection of Benshaw as the station control software was determined through a competitive capital procurement process.	No spend forecast, maintenance or breakdown only.	\$ -

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Bently Nevada a division of Baker Hughes Energy Services Canada Inc.	✓	✓	✓	Original Equipment Manufacturer for pump monitoring equipment and calibration equipment.	Sole authorized service provider for Bentley Nevada products, including but not limited to vibration monitoring equipment and associated parts applications and software.	Sole goods provider for Bentley Nevada products, including but not limited to vibration monitoring equipment and associated parts, applications and software.	\$ 10,000	\$ 8,766
BGIS Integrated Technical Services Canada Ltd.	✓	✓		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. BGIS has been providing this service and has an intimate history of the needs and complexity. BGIS technicians are specifically trained to maintain and service this unit and can do so until a replacement unit can be provided under separate contract. In addition, BGIS is the Original Equipment Manufacturer (OEM) and authorized service provider for Honeywell Niagara (WAS Building) and Bistech (TSB Building) products.		\$ 25,000	\$ -
Biorem Technologies Inc.		✓			The manufacturer of the proprietary biofilter system at Woodward WWTP is no longer in business. Biorem is the only known service provider that has experience inspecting, maintaining, repairing and training on this proprietary system. Furthermore, Biorem is the manufacturer of the proprietary biofilter at HCS6A which will require similar inspection, maintenance and repair services.		\$ 5,000	\$ 5,084
Buchi Corporation (U.S. Business)	✓	✓	✓	Original Equipment Manufacturer - Instruments, parts, supplies and service for trace organic analysis (Syncore and Rotovap evaporating systems).	Sole Original Equipment Manufacturer - Preventive Maintenance, Repair, Service Contract for existing equipment utilized by the Environmental Laboratory for the analysis of drinking water, wastewater (including spills), surface water, storm water and landfill samples.	Sole Original Equipment Manufacturer - spare parts, supplies for existing equipment utilized by the Environmental Laboratory for the analysis of drinking water, wastewater (including spills), surface water, storm water and landfill samples.	\$ 10,000	\$ 7,760
Bureau Veritas Canada (2019) Inc		✓			Bureau Veritas (BV) is one of two vendors for subcontracting laboratory analysis to a lab that is accredited to ISO 17025 and MECP Licensed for regulatory drinking water analysis. BV can conduct analysis of emergency samples (for example, in response to a drinking water concern, a spill into or from the sewer system or a wastewater plant upset). BV can also conduct analysis of regulatory drinking water samples for PFOS/PFAS as well as surplus regulatory drinking water, surface water, storm water, wastewater, biosolids and landfill samples when the City of Hamilton Environmental Lab (CHEL) experiences an instrument malfunction or requires surplus testing requirements. Due to the close proximity of BV to CHEL, samples can be picked up and analyzed the same day. This is especially important for parameters that must be analyzed within 24-48 hours of sample collection. BV is an accredited and licensed lab with an extensive scope of testing and can provide this service and meet our specifications without further subcontracting. BV is one of two accredited/licensed labs for emergency and surplus testing. Listing 2 vendors for subcontracting laboratory analysis provides an allowance for issues experienced by one vendor that would disqualify certain analysis as well as issues with high sample load. Previous attempts to tender this service required 4 years and 3 tenders to complete. Considering the difficulty in a public tender process, Procurement suggested adding this service to Policy 14.		\$ 25,000	\$ 7,113

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C & M Environmental Technologies Inc.		✓	✓		Sole authorized service provider for Brentwood (inspection service only), WesTech Engineering LLC and SPIRAC products.	Sole authorized distributor for Brentwood, WesTech Engineering LLC, and SPIRAC products. Sole authorized sales representative for WesTech Engineering sludge mixers and associated parts (e.g. draft tubes, motors, etc.) in Ontario.	\$ 50,000	\$ 46,765
Canadian Association for Laboratory Accreditation Inc. (CALA)		✓			CALA is the Environmental Lab's (the Lab) Accreditation body. Accreditation has been deemed mandatory by the MECP in order for the Lab to analyze drinking water for the City's six drinking water systems as well as regulatory wastewater samples. 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.		\$ 15,000	\$ 13,725
Can-Am Instruments Ltd.		✓	✓		Sole Original Equipment Manufacturer authorized service provider for Hach Flow & Sampling in Ontario.	Sole authorized distributor of Hach Flow & Sampling products in Ontario.	\$ 50,000	\$ 55,534
Cancoppas Limited		✓	✓		Sole authorized service provider for Aysix Technologies products, and GWF Technologies.	Sole authorized parts distributor for Aysix Technologies products in Canada, and GWF Technologies products in Ontario.	\$ 35,000	\$ 30,546
Caterpillar Inc.	✓	✓	✓	Original Equipment Manufacturer for engines, generators, controllers and associated parts for back-up power equipment.	Within the Electrical Power Centre and other Hamilton Water facilities, all generator maintenance services, proprietary Programmable Logic Control (PLC) and automation control components must be performed by caterpillar due to the complex nature of the equipment installed through a capital project, procured through a competitive process and to ensure warranty compliance	Within the Electrical Power Centre and other Hamilton Water facilities, all propriety and non propriety parts required for generator maintenance services shall be supplied by caterpillar due to the complex nature of the equipment installed through a capital project, procured through a competitive process and to ensure warranty compliance.	\$ 60,000	\$ -
C-CAN Power Systems Inc.	✓		✓	C-CAN Power Systems Inc. designs, develops and manufactures a wide range of high performance DC Power Systems used to support critical industrial process systems.		Sole authorized parts distributor for high performance DC Power Systems and battery charger systems.	\$ 5,000	\$ 3,561
Clear-Tech Industries Inc,		✓	✓		ClearTech Industries is the sole authorized service supplier of Kuntze equipment for municipal drinking and wastewater in Ontario.	ClearTech Industries is the sole authorized parts & equipment supplier of Kuntze equipment for municipal drinking and wastewater in Ontario.	No spend forecast, maintenance or breakdown only.	\$ -
Conval Process Solutions Inc.			✓			Sole authorized distributor for Golden Anderson (GA) Industries (VAG USA LLC) products in Ontario.	\$ 10,000	\$ -
Cummins	✓	✓	✓	Original Equipment Manufacturer for engines, generators, controllers and associated parts and service for back-up power equipment.	Cummins is the sole service provider for standby power Programmable Logic Control (PLC) service, testing, maintenance, training and inspection including associated parts required for diesel generator sets with local and manual control panels (LMCP), System Automation System (SAS) Panels at Woodward WWTP and outstations.	Cummins is the sole source for all propriety and non-proprietary parts required for generator maintenance and repair services due to the complex nature of the diesel generator equipment installed through capital projects, procured through competitive processes.	\$ 10,000	\$ -
Devine & Associates Limited		✓	✓		Sole service provider to maintain existing Cla-Val water distribution system anti-stagnation valve (3/4" or 1" programmable timer valve).  Sole authorized service provider of Cla-Val, Bray, Pratt and Rotork products in Ontario.	Sole provider of Equipment and services to maintain existing Cla-Val water distribution system anti-stagnation valve (3/4" or 1" programmable timer valve).  Sole authorized equipment and parts distributor of Cla-Val, Bray, Pratt and Rotork products in Ontario.	\$ 60,000	\$ 152,025.11

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Directrik Inc.		✓	✓		Sole service provider for Hidrostal, Armstrong, Flowserve and Seepex pumps and equipment.	Sole authorized distributor for Seepex, Armstrong, Vogelsang, Flowserve (including but not limited to Worthington, Pacific, Ingersoll-Rand, Byron Jackson, Durco, Innomag and Sihi), Trillium Flow Technologies (WEMCO, WSP), and Hidrostal pumps and products for the province of Ontario.	\$ 70,000	\$ 132,333
DXP - NatPro			✓			Sole authorized part distributor for Pentair and Aurora products.	No spend forecast, maintenance or breakdown only.	\$ -
Eaton Industries Canada Company	✓	✓	✓	Equipment Manufacturer of parts for electrical distribution equipment covering Eaton Industries Canada, Cutler-Hammer, Westinghouse, Cooper, and Klockler Moller brand names. Parts include motor control, soft starter/VFD's, transformers, switchgear, breakers, relays/power meters, Ct's, Pt's, surge protectors, Uninterrupted Power Supply (UPS) units and other associated electrical distribution parts.	Authorized provider of service, maintenance and technical support including the supply and installation of proprietary and associated non-proprietary parts and assemblies in stations/facilities operated using Eaton control logic. This work will require programming to be completed by Eaton. The selection of Eaton as the station control software was determined through a competitive capital procurement process.	The supply of proprietary and associated non-proprietary parts and assemblies in stations/facilities operated using Eaton control logic. This work will require programming to be completed by Eaton. The selection of Eaton as the station control software was determined through a competitive capital procurement process.	\$ 210,000	\$ 206,214
Eaton Powerware	✓	✓	✓	OEM Equipment Manufacturer of UPS systems ranging from 110v to 600V	Original Equipment Manufacturer authorized service/maintenance provider for UPS systems (including any parts required for service/maintenance) covering Eaton Powerware Equipment. Eaton Powerware has an intimate history of the needs and complexity, as well as technicians are specially trained to maintain their own OEM equipment at various locations across Hamilton Water.	Authorized provider of service, maintenance and technical support for UPS systems including the supply and installation of proprietary and associated non-proprietary parts and assemblies covering Eaton Powerware Equipment. The selection of Eaton Powerware as the station equipment was determined through a competitive capital procurement process.	\$ 25,000	\$ -
Endress+Hauser LTD	✓	✓	✓	Original Equipment Manufacturer for process measurement and optimization monitoring equipment.	Sole Authorized provider of service for Endress+Hauser parts and equipment.	Sole Authorized provider of Endress+Hauser parts and equipment.	\$ 5,000	\$ 4,567
Engineered Air	✓		✓	Original Equipment Manufacturer for air handling units and associated equipment		Sole authorized parts provider for air handling equipment including heat exchangers and coils	No spend forecast, maintenance or breakdown only.	\$ -
Eramosa Engineering Inc.		✓	✓		Service provider for the SCADA architecture, DATA, Network under SCADA master plan and SCADA _E network provider. Eramosa is the most qualified service provider based on their legacy knowledge and confidentiality requirements pertaining to cyber security of the SCADA System.	Parts Provider of the SCADA architecture , DATA, Network under SCADA master plan and SCADA _E network provider. Eramosa is the most qualified provider based on their legacy knowledge and confidentiality requirements pertaining to cyber security of the SCADA System.	\$ 75,000	\$ 73,301
Evans Utility and Municipal Products Limited			✓			Sole Distributor of hydrant adaptor stands (HA's).	\$ 20,000	\$ 22,333.91
Everest Automation		✓	✓		Sole authorized provider of service for ABB measurement & analytical products. This includes temperature, pressure, level, flow, combustion, pH, ORP, conductivity, gas analyzers and liquid analyzers, etc. excluding Aquamaster.	Sole authorized parts and equipment distributor for ABB measurement & analytical products. This includes temperature, pressure, level, flow, combustion, pH, ORP, conductivity, gas analyzers and liquid analyzers, etc. excluding Aquamaster.	\$ 5,000	\$ 7,492

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Floval Equipment Ltd.		✓	✓		Sole authorized service provider for BNW Valve, HydraTite Seal products and DeZURIK (APCO, Hilton and Willamette).	Sole authorized parts distributor for BNW Valve, HydraTite Seal, DeZURIK, APCO, Willamette, and Hilton parts and equipment.	\$ 10,000	\$ 6,793
Flowpoint Environmental Systems Limited	✓	✓	✓	Supply of Original Equipment Manufacturer spare parts, equipment and support services to maintain existing Flow Point terminals.	Annual Licensing and Technical support for existing terminals and software for the City's Bulk Water Filling and Hauled Waste sewage stations. This software system allows customers to create an account online and make online purchases.	Provider of parts at terminals for the City's Bulk Water Filling and Hauled Waste sewage stations.	\$ 15,000	\$ 7,219.88
Franklin Empire		✓	✓		Sole authorized service provider of Siemens Canada Limited process control instrumentation equipment.	Sole authorized parts provider of Siemens Canada Limited process control instrumentation equipment.	No spend forecast, maintenance or breakdown only.	\$ -
Gerrie Electric Wholesale Limited		✓	✓		Sole authorized service provider for Rockwell Automation and Allen Bradley electrical distribution systems and parts. Rockwell Agent for technical support under Rockwell technical support agreement. Sole authorized service provider for Vega parts and equipment.	Sole authorized parts distributor for Rockwell Automation and Allen Bradley parts for electrical, distribution, Instrumentation Control components and devices. Sole authorized distributor for Vega parts and equipment.	\$ 140,000	\$ 133,315
Gold Standard Diagnostics Horsham, Inc. (formerly Eurofins Abraxis) (U.S. Business)	✓		✓	Original Equipment Manufacturer-Supplies, Certified Reference Materials and Laboratory Performance Testing samples for microcystins ELISA analysis of drinking water.		Sole worldwide manufacturer and North American distributor of Supplies for microcystins ELISA analysis of drinking water including Certified Reference Materials and Laboratory Performance Testing samples.	\$ 10,000	\$ 10,532
Goulds Pumps Canada Inc	✓	✓		Original Equipment Manufacturer for Goulds pumps and associated parts.	Sole authorized service provider (including any parts to complete the service) for Goulds pumps and associated equipment.		New Part / Service	\$ -
Gray Matter Systems Canada LLC		✓	✓		Gray Matter Systems, Inc. is the Partner of Record for the City of Hamilton and currently the only third-party entity GE Digital allowed to quote and provide support under the GE Digital AP agreement. Provides support for the GE Historian and Alarm and Events software as well as Tenable OT (cyber Security).	Sole provider of Aventech panel computers (OIT's) with embedded ifix license and Tenable OT (cyber Security)	\$ 100,000	\$ 300,000
H2Flow Equipment, Inc.		✓	✓		H2Flow Equipment Inc. is the sole authorized service provider for Environmental Dynamics International parts and equipment.	H2 Flow is the sole authorized parts provider for all UGSI Chemical Feed, Inc. PolyBlend® and Dynablend™ polymer activation products, aeration diffusers systems and associated parts. H2Flow Equipment Inc. is the sole authorized distributor for parts supplied and provided by Environmental Dynamics International.	\$ 100,000	\$ 100,000
Hach Sales & Service Canada LP	✓	✓	✓	Original Equipment Manufacturer for regulatory analyzers, monitoring and control devices.	Sole authorized service provider for repair, start-up service, warranty repair or maintenance on HACH instruments.	Sole source parts distributor for all Hach branded products, excluding Hach flow & sampling products (see Can-Am)	\$ 200,000	\$ 227,332
Hayward Gordon ULC	✓	✓	✓	Original Equipment Manufacturer for top entry liquid mixing systems (Sharpe Mixers) and associated equipment.	Sole authorized service provider for Sharpe Mixers and parts.	Sole authorized parts provider for Sharpe Mixers.	No spend forecast, maintenance or breakdown only.	\$ -
HCE Telecom Inc.	✓	✓	✓	City authorized SCADA ISP provider.	HCE provides remote SCADA access and communications to Hamilton Water Infrastructure including fibre optic cable installation and repair services. This has been secured through the City Network Fibre Contract (FCS15031) (City Wide).	Based on the City Wide contract for Services with HCE, its recommended that HCE also be the provider of communication hardware, routers, switches and cellular antennas to maintain reliability and compatibility of the systems.	\$ 10,000	\$ -

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Hibon Inc.	✓	✓		Hibon inc. is the OEM of Hibon brand multi stage centrifugal blowers and associated parts.	Sole authorized service center for field service visits & complete blower overhauls for multi stage centrifugal blowers in Canada.		\$ 5,000	\$ 6,584
Hitachi, Hitachi Energy Formerly (ABB/GE)	✓	✓	✓	Hitachi purchased certain divisions of ABB and GE. Now Hitachi is the Original Equipment Manufacturer for analyzers and transmitters, as well as GE Industrial Solutions electrical control equipment, motor controls, relays, power meters, CT's, PT's surge protectors, uninterrupted power supply (UPS's), switchgear, soft starters, variable frequency drives, power distribution equipment, centrifuge power and control equipment.	Authorized provider of service, maintenance and technical support including the supply and installation of proprietary and associated non-proprietary parts and assemblies in stations and facilities operated using Hitachi or Hitachi Energy control logic. This work will require programming to be completed by Hitachi or Hitachi Energy. The selection of Hitachi or Hitachi Energy as the station control software was determined through a competitive capital procurement process.	The supply of proprietary and associated non-proprietary parts and assemblies in stations and facilities operated using Hitachi or Hitachi Energy control logic will require programming to be completed by Hitachi or Hitachi Energy. The selection of Hitachi or Hitachi Energy as the station control software was determined through a competitive capital procurement process.	\$ 25,000	\$ 25,000
Honeywell	✓			Original Equipment Manufacturer for Miller Davit Guard Systems and associated parts including but not limited to davit posts, tripods, self-retracting lifelines (with rescue function) and davit bases (permanently installed and portable).		Original Equipment Manufacturer for Miller Davit Guard Systems and associated parts including but not limited to davit posts, tripods, self-retracting lifelines (with rescue function) and davit bases (permanent and portable).	\$ 10,000	\$ 10,000
HTS Engineering Ltd.		✓	✓		Sole authorized service provider for Alerton products for building automation.	Sole authorized parts distributor for Alerton products and Haakon Industries for building automation and air handling equipment.	\$ 50,000	\$ 54,035
IDEXX Distribution, Inc./IDEXX Laboratories Canada Corp./IDEXX Laboratories, Inc.	✓		✓	Original Equipment Manufacturer- Parts and supplies for Microbiological analysis of regulated drinking water, wastewater as well as surface water, storm water 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, wastewater, surface water, storm water and biosolids.	\$ 35,000	\$ 20,860
Industrial Scientific Canada ULC	✓	✓	✓	Supply of Original Equipment Manufacturer spare parts, equipment and services to maintain existing Ventis gas detectors and accessories used by Hamilton Water.	Sole service provider to maintain existing Ventis gas detectors repair/replacement services, refilling accessories, gases and accessories used by Hamilton Water.	sole distributor of spare parts, and equipment to maintain existing Ventis gas detectors repair/replacement services, refilling accessories, gases and accessories used by Hamilton Water.	\$ 75,000	\$ 53,928.38
Instruments Canada		✓		Providing on-site calibration services for the laboratory certified thermometers and digesters	Recommend Instruments Canada for temperature calibration of the Environmental Laboratory's thermometers, probes, digestors, ovens, hotblocks, etc. Instruments Canada is a local company who is accredited to ISO17025 for temperature calibrations and they provide all of the appropriate documentation to support their calibrations. Instruments Canada is the only company that provides on-site calibration services for the laboratory's thermometers, and equipment. Other vendors require the thermometers and equipment to be shipped to them. This would result in the need to purchase extra thermometers for use when thermometers are offsite, shipping charges which can be costly especially for the large pieces of equipment, subcontracting charges while equipment is out of service, and possible breakage during transport. In addition, all of the thermometers and equipment would need to be temperature verified upon return to the lab which would require purchase of expensive verification equipment and staff time.		\$ 10,000	\$ 8,299
John Brooks Company Limited		✓	✓		Sole authorized service provider for Grundfos (Municipal Water Utility distributor for Grundfos Sewage pumps and Controllers), Gorman Rupp and Vaughan Co. Inc. (including Chopper, Triton, and Rotamix brands).	Sole authorized parts distributor for Engineered Systems, Gorman Rupp Pumps (Municipal), Vaughan Co. Inc. (Chopper, Triton, Rotamix), Goulds Water Technology and Grundfos (Municipal Water Utility distributor for Grundfos Sewage pumps and Controllers).	\$ 40,000	\$ 44,066

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John Crane Canada Inc.	✓		✓	Original Equipment Manufacturer of seals, packing, couplings and associated parts.		Sole authorized distributor of seals, packing, couplings and associated parts.	\$ 20,000	\$ 19,940
JSM Controls Inc		✓			Preferred service provider to the City of Hamilton for chlorination equipment and gas chlorination systems including any parts required for service in water/wastewater treatment applications. Rationale: 1.JSM Controls is TSSA certified - a required credential to perform this work. 2.With 15 years experience with Hamilton Water, they are well-versed with the process and equipment within Hamilton Water's facilities. 3.Expertise and timely service is critical to ensure regulatory compliance. 4. JSM is identified by the OEM of the gas chlorination equipment, Evoqua Water Technologies LTD., as the preferred vendor for service and parts installation in Ontario.  A market scan of chlorine service providers across Canada was completed in 2024. The review confirmed that of 5 potential vendors across Canada, JSM is the only one located in Ontario that can service Evoqua equipment.		\$ 80,000	\$ 83,186
Kronos Canadian Systems Inc.	✓	✓	✓	Supply of Original Equipment Manufacturer spare parts, equipment and support services to maintain existing Kronos In Touch 9000 terminals.	Original Equipment Manufacturer spare parts, equipment and support services to maintain existing Kronos In Touch 9000 terminals.	Original Equipment Manufacturer spare parts, equipment and support services to maintain existing Kronos In Touch 9000 terminals.	\$ 30,000	\$ 0.00
KSB Pumps Inc. (Canada)	✓	✓	✓	Original Equipment Manufacturer for pumps and associated parts.	Sole authorized service provider in Canada for all KSB manufactured pumps and valves.	Sole authorized parts provider in Canada for all KSB manufactured pumps, valves and associated goods.	No spend forecast, maintenance or breakdown only.	\$ -
Lakeside Process Controls Ltd		✓	✓		Sole authorized service provider for Emerson Automation Solutions products including, but not limited to, MicroMotion flowmeters, Fisher Control Valves, DeltaV® Control Systems, and the Rosemount brand of measurement devices.	Sole authorized parts distributor for Emerson Automation Solutions products including, but not limited to, MicroMotion flowmeters, Fisher Control Valves, DeltaV® Control Systems, and the Rosemount brand of measurement devices.	No spend forecast, maintenance or breakdown only.	\$ -
Lancaster Group Inc.		✓	✓		Lancaster Group Inc. is currently under contact to provide inspection and ongoing service to Laars Neotherm boilers installed in the Tertiary Treatment Building until 2026. Given their expertise in the operation and maintenance of the boiler works, all non-warranty service, parts and repairs will be conducted by Lancaster Group until this facility reaches the end of the warranty period. This service contract was established as part of the competitive procurement process for the construction of the Tertiary Treatment Facility.	Lancaster will provide all parts, equipment and supplies required to conduct non-warranty service, parts and repairs to the Laars Neotherm boilers until this facility reaches the end of the service agreement and warranty period.	New Part / Service	\$ -

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Vendor Name	Original Equipment Manufacturer (OEM)	Provider for Service	Distributor for Equipment, Parts and Supplies	Original Equipment Manufacturer (OEM) Description of Goods and/or Services Supplied	Provider for Service	Distributor for Equipment, Parts and Supplies	Estimated Annual Expenditure	2023 Expenditure
Landmark Municipal Services ULC (LMS)		✓			Landmark is the preferred service provider to the City of Hamilton for water tower maintenance including aircraft lighting. They have extensive experience, have been the primary constructor's of water towers owned and operated by the City of Hamilton, and have a proven track record of providing reliable, responsive and safe service. Rationale: 1. Aviation navigation lighting, regulated by Canadian Aviation Regs – requires immediate replacement if lights fail. 2. Landmark is the original constructor of 5 out of 7 water towers/standpipes owned by Hamilton Water, so they have the inherent knowledge of the structures. 3. Landmark is the market leaders in this service and have the familiarity and expertise with the infrastructure in our facilities.		\$ 100,000	\$ 224,179
Linde Canada Inc.	✓		✓	Provider of Specialty Gases for Laboratory Analysis of drinking water, wastewater, surface water and storm water using Analytical Instrumentation		There are currently only 3 suppliers of specialty gases in the market, however, only Linde is able to provide all of the specialty gases required. Currently, the 1000L bulk argon tank located inside the building is the property of Linde.	\$ 45,000	\$ 42,036
Lotowater Technical Services Inc		✓			Lotowater is the preferred service provider (Including any parts to complete the Service) to the City of Hamilton for potable water wells assessment, maintenance and repair. They are local and readily available to respond to emergency situations, they have profound experience with each of the City's communal drinking water wells, and they maintain an inventory of repair parts and equipment at their facility.		\$ 75,000	\$ 69,754
Magnetar Corporation	✓	✓		Sole Provider for 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.		\$ 30,000	\$ 29,858
Mandel Scientific Company Inc.		✓	✓		The Environmental Lab uses 2 Lancer Brand commercial specialty lab glassware washers for specialized cleaning of glassware used in the analysis of water and wastewater. Mandel is the Canadian distributor of Lancer glassware washers and is the only vendor that provides service, parts, consumables and service contracts for the Lancer specialty lab glassware washers.	The Environmental Lab uses 2 Lancer Brand commercial specialty lab glassware washers for specialized cleaning of glassware used in the analysis of water and wastewater. Mandel is the only Canadian distributor of Lancer glassware washers and is the only vendor that provides service, parts, consumables and service contracts for the Lancer specialty lab glassware washers.	\$ 10,000	\$ 9,190
Mettler Toledo Inc.	✓	✓	✓	Original Equipment Manufacturer of the M series Water pH analyzers and associated sensors	Sole provider of service for the M series Water pH analyzers and associated sensors.	Sole provider of parts and new equipment for the M series Water pH analyzers and associated sensors.	\$ 15,000	\$ 14,121
MilliporeSigma Canada Ltd.	✓	✓	✓	Original Equipment Manufacturer - Provider of Laboratory Water Purification equipment, storage and distribution system equipment including parts, supplies and service.	Authorized sole service provider for preventive maintenance, repair, replacement parts and technical support for laboratory water purification systems equipment utilized by the Environmental Laboratory for the analysis of drinking water, wastewater, surface water, storm water and biosolids.	Original Equipment Manufacturer - Consumables for water treatment equipment utilized by the Environmental Laboratory. Only OEM QR coded parts can be used with existing water purification equipment - no other brand consumables can be used. The PM agreement gives the laboratory a discount off the list price of Millipore OEM consumables if purchased directly from MilliporeSigma. This is a significant cost savings provided to the City of Hamilton.	\$ 30,000	\$ 18,506

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Powell Electric (Formerly GE)	✓	✓	✓	<p>Powell Electric is the Original Equipment Manufacturer for power distribution, soft starters and variable frequency drives and other associated electrical distribution equipment and parts (including Programmable Logic Control, programming and design), for the following equipment:</p> <p>1) PowerVac Switchgear - MV Power Distribution Equipment                  2) PowellVac Switchgear - MV Power Distribution Equipment                  3) Powell Breaker Technologies Inc. (PBTI) - MV Power Distribution Equipment                  4) Powell Flextrol - MV Power Distribution Equipment                  5) Powell Flexgear - LV Power Distribution Equipment                  6) Powell Arc Whipper - MV Transfer/ Padmount Switches (SF6 and Oil)                  7) Delta/Unibus - Isolated Phase Bus Equipment                  8) Delta/Unibus - LV and MV Non-Seg Bus Duct Bus Equipment                  9) Powell Bus - LV and MV Non-Seg Bus Duct Bus Equipment</p>	Authorized provider of service, maintenance and technical support including the supply and installation of proprietary and associated non-proprietary parts and assemblies in stations and facilities operated using Powell Electric control logic. This work will require programming to be completed by Powell Electric. The selection of Powell Electric as the station control software was determined through a competitive capital procurement process.	The supply of proprietary and associated non-proprietary parts and assemblies in stations and facilities operated using Powell Electric control logic will require programming to be completed by Powell Electric. The selection of Powell Electric as the station control software was determined through a competitive capital procurement process.	\$ 50,000	\$ -
Pro Aqua Inc.		✓	✓		Sole service provider for Schwing Bioset and Lone Star Blower equipment in Ontario.	Sole authorized equipment and parts distributor for Evoqua Water Technologies and Wallace & Tiernan products including intake screens, clarification systems, separation systems, disinfection, water quality and regulatory monitoring equipment and parts. Sole authorized Schwing Bioset and Lone Star Blower equipment and parts distributor in Ontario.	\$ 300,000	\$ 333,245
ProSpec Technologies Inc.			✓			Sole authorized parts and equipment provider for Goulds Pumps in Ontario.	No spend forecast, maintenance or breakdown only.	\$ -
Pro-Tech Power		✓	✓		Pro-Tech Power is the exclusive authorized service representative for Schweitzer Engineering Laboratories Inc. in the province of Ontario.	Pro-Tech Power is the exclusive authorized manufacturer's representative for Schweitzer Engineering Laboratories Inc. in the province of Ontario.	No spend forecast, maintenance or breakdown only.	\$ -
PTC Proficiency Testing Canada (Proficiency Testing Canada Inc.)			✓			<p>Provider of specialized standards utilized by the Environmental Laboratory to maintain ISO 17025 Accreditation. Double-blind Proficiency Testing (PT) water &amp; wastewater samples are required to maintain accreditation for environmental laboratories involved in the analysis of drinking water. Accreditation has been deemed mandatory by the MECP.</p> <p>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, evaluation takes into account the method detection limits, compares study data to historical study data to ensure standard deviations are fit for purpose.</p>	\$ 10,000	\$ 11,153

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<b>RAVCO International</b>		✓			Ravco is the preferred service provider including any associated parts to complete the work, as required for the fountain located at the low lift building. Ravco designed the layout, Programmable Logic Control, wind and drainage sensors needed for the operation. Ravco has the intimate knowledge necessary to perform ongoing maintenance as required.		\$ 10,000	\$ -
<b>Rosetown Central Refrigeration &amp; Air Conditioning LTD</b>		✓			Service and supply of parts for HVAC systems in SCADA hub rooms Rosetown Central Refrigeration & Air Conditioning LTD has been maintaining and servicing the Liebert computer room equipment at 700 Woodward Avenue for just over 15 years and are well-versed in the site and equipment conditions. this knowledge adds value for the speed of repairs and historical knowledge for any upgrade recommendations.		\$ 30,000	\$ 32,138
<b>Rotator Products Limited</b>	✓		✓	Original Equipment Manufacturer for mechanical transmission drive shafts/couplings and associated equipment.		Sole authorized parts provider for mechanical transmission drive shafts/couplings and associated equipment.	New Part / Service	\$ -
<b>S&amp;C Electric Canada</b>	✓	✓	✓	Original Equipment Manufacturer for electrical distribution equipment including all switchgear, equipment controls, battery chargers and power distribution/communication equipment.	Original Equipment Manufacturer authorized service/maintenance provider for power distribution systems including any switchgear, components and parts required for service and maintenance. S&C Electric Canada has an intimate history of the needs and complexity of the equipment in the EPC and have specifically trained technicians to maintain their own OEM equipment.	Original Equipment Manufacturer authorized parts/equipment provider for power distribution systems, switchgear and controls. S&C Electric Canada has an intimate knowledge of the complexity of the equipment in the EPC.	\$ 10,000	\$ -
<b>SCG Process</b>		✓	✓		Sole service provider for Spencer, ProMinent Canada and the Powell Fabrication & Manufacturing Inc. UniPro™ Valve Closure Systems and related systems.	Sole authorized parts distributor for Spencer Equipment, Watson Marlow Fluid Technology, ProMinent Canada products and Powell Fabrication & Manufacturing Inc.	\$ 80,000	\$ 79,289
<b>Schneider Electric Canada Inc.</b>	✓	✓	✓	Original Equipment Manufacturer of power distribution systems: 1) Federal Pioneer Ltd. - LV & MV Distribution Equipment. 2) Square D - LV & MV Distribution Equipment. 3) Merlin Gerin – LV & MV Distribution Equipment. 4) Telemecanique – Automation & Control Products. 5) APC - UPS Equipment. 6) ASCO – Transfer Switches. 7) Powerlogic – Metering Equipment. 8) ION Metering parts, relays and associated electrical distribution parts.	Authorized provider of service, maintenance and technical support including the supply and installation of proprietary and associated non-proprietary parts and assemblies in stations/facilities operated using Schneider Electric Canada control logic. This work will require programming to be completed by Schneider Electric Canada. The selection of Schneider Electric Canada as the station control software was determined through a competitive capital procurement process.	Provider of proprietary and associated non-proprietary parts and assemblies in stations/facilities operated using Schneider Electric Canada control logic will require programming to be completed by Schneider Electric Canada. The selection of Schneider Electric Canada as the station control software was determined through a competitive capital procurement process.	\$ 50,000	\$ -
<b>SES North America Inc. DBA Suez Digital Solutions.</b>	✓	✓		OEM and support for eRIS reporting software used by SCADA and Water Operations.	Sole Original Equipment Manufacturer authorized service agent in North America for existing eRIS software users.		\$ 15,000	\$ -

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SGS Canada Inc.		✓			Recommend the use of SGS Canada Inc. as one of two labs for subcontracting laboratory analysis to a lab that is accredited to ISO 17025 and MECP Licensed for regulatory drinking water analysis for specific tests listed in their scope of analysis. Recommend use of SGS for the analysis of regulatory drinking water, surface water, storm water, wastewater, biosolids and landfill samples during instrument malfunction or surplus testing requirements. SGS is an accredited and licensed lab with an extensive scope of testing. Approval to use 2 vendors for subcontracting laboratory analysis would provide an allowance for issues experienced by one vendor that would disqualify certain analysis as well as issues with high sample load. 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 (2009 to 2013). Considering it took 3 attempts to find a successful applicant, Procurement suggested adding SGS to policy 14. SGS has provided cost effective service that meets our specifications.		\$ 45,000	\$ 41,773
Siemens Canada Limited	✓	✓	✓	Original Equipment Manufacturer of process control instrumentation equipment. Original Equipment Manufacturer of power distribution, soft starters and variable frequency drives, Programmable Logic Control and other associated electrical distribution parts.	Provider of proprietary and associated non-proprietary parts and assemblies in stations/facilities operated using Siemens Canada Limited control logic will require programming to be completed by Siemens Canada Limited. The selection of Siemens Canada Limited as the station control software was determined through a competitive capital procurement process.	Provider of proprietary and associated non-proprietary parts and assemblies in stations/facilities operated using Siemens Canada Limited control logic will require programming to be completed by Siemens Canada Limited. The selection of Siemens Canada Limited as the station control software was determined through a competitive capital procurement process.	No spend forecast, maintenance or breakdown only.	\$ -
Skalar Inc.	✓	✓	✓	Original Equipment Manufacturer of Instrument components, parts and supplies for BOD Systems and Skalar Automated Chemistries.	Sole authorized service provider including ongoing service contract, preventive maintenance, repair, and replacement parts for existing BOD instruments utilized by the Environmental Laboratory for the analysis of wastewater, surface water, landfill samples, industrial discharge and storm water.	OEM and Sole distributor for BOD and Skalar components, parts, supplies, consumables for existing automated chemistries utilized by the Environmental Laboratory for the analysis of drinking water, wastewater, surface water, storm water and biosolids.	\$ 60,000	\$ 56,715
Smart Turner Pumps Inc.	✓	✓	✓	Original Equipment Manufacturer for pumps and associated parts.	Sole authorized service provider for Smart Turner Pumps.	Sole authorized parts distributor of Smart Turner Pumps.	\$ 50,000	\$ -
Spaans Babcock	✓	✓	✓	Original Equipment Manufacturer for screws, gear box and associated parts.	Original Equipment Manufacturer and sole provider of Spaans Babcock training / inspection and site services in North America. The products include Spaans Babcock screw pumps, hydro screw generators, fine screen and any spare parts related to these products.	Original Equipment Manufacturer and sole distributor of Spaans Babcock products in North America. The products include Spaans Babcock screw pumps, hydro screw generators, fine screen and any spare parts related to these products.	\$ 30,000	\$ -
SPD Sales Limited		✓	✓		Sole Original Equipment Manufacturer authorized service provider for Grundfos (Dosing and Disinfection Products), Kurz Instruments, Chemtrac, ATI, Xylem Brands (YSI IQ Sensornet, Royce Technologies & WTW products).	Sole authorized distributor for MSA Safety Inc. (for Fixed Gas and Flame Detection products), ATI products, Blue-White Industries Pro-Series M product line, Nivus, Grundfos (Dosing and Disinfection Products), Kurz Instruments, Chemtrac, and Xylem Brands (YSI IQ Sensornet, Royce Technologies & WTW products). Sole source distributor of parts, equipment and supplies of Wager Odor Control products and engineered media.	\$ 150,000	\$ 143,644

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SRP Control Systems Ltd.		✓	✓		Sole Authorized Service Provider for PMC Engineering Legacy Series Industrial Pressure Transmitters, PMC Engineering Versaline Series Submersible Depth and Level Sensors and STS Series Precision Pressure Sensors.	Sole authorized parts distributor of PMC Engineering Legacy Series industrial Pressure Transmitters, PMC Engineering VersaLine Series Submersible Depth and Level Sensors, and STS Series Precision Pressure Sensors in Canada.	\$ 5,000	\$ 3,816
Sulzer pump (Canada) Inc.	✓		✓	Original Equipment Manufacturer for pumps, mixers and associated equipment		Sulzer Pumps (Canada) Inc. is the sole source supplier for ABS model pumps and mixers for the Municipal market In Southern Ontario including the City of Hamilton.	No spend forecast, maintenance or breakdown only.	\$ -
Summa Engineering Limited		✓			SUMMA Engineering Ltd. as the SCADA Service vendor for the Electrical Power Center (EPC) housing the 13.8 kV switchgear Automation System project at the Woodward Avenue WWTP. Summa Engineering Ltd. being the Designer of the SCADA for this automation system are the preferred service provider for the SCADA graphics system for this complete system. SUMMA has in the past, successfully completed similar work and has completed SCADA Graphics OEM Projects. Also, SUMMA, being the designer of the SCADA - E graphics system, can provide expert service seamlessly without delays. SUMMA has the experience and dedicated staff to provide SCADA - E service. This would include any associated parts required to complete the service.		No spend forecast, maintenance or breakdown only.	\$ -
Syntec Process Equipment Ltd.		✓	✓		Sole authorized service provider for Banyan Products, Fontaine- Aquanox, J&S Valve Inc., Netzsch, Singer, Trueline Valve Corp., Val-Matic, Trumbull Mfg. Ltd and Red Valve / Tideflex.	Sole authorized parts distributor for Banyan Products, Fontaine- Aquanox, J&S Valve Inc., Netzsch, Singer, Limatorque Products for Simons Automation and Supply, Trueline Valve Corp., Val-Matic, Trumbull Mfg. Ltd and Red Valve / Tideflex.	\$ 200,000	\$ 246,859
Systems Plus (1936100 Ontario Inc.)			✓			Provider of pre-cleaned, pre-labelled, preserved Laboratory bottles for all analytical analysis including regulatory drinking water. Sole bottle distributor who will sell direct to Laboratories and offer a wide range of ready to use suitable sample bottles required by CHEL and meet all of the requirements. They offer the full range of bottle types including the large 4L bottles and the bottles (vials) used in instrument autosamplers, provide precleaned bottles (acid and/or solvent rinsed) that are certified clean by analysis at an ISO17025 accredited lab, provide custom labelling of any type of bottle at no extra charge, add preservative (acid or base) to the bottles as requested and include appropriate WHMIS information on the labels, automatically provide certificates at no extra charge, carry a large inventory of bottles in stock. Systems Plus has always provided product/service that meets our specifications, they respond quickly to new requests and delivery is prompt ensuring there is no disruption in the supply chain of sample bottles for our clients.	\$ 55,000	\$ 52,063
T.D. Rooke Associates Limited			✓			Sole authorized parts distributor for SPX FLOW – Lightning Mixers, and associated parts.	No spend forecast, maintenance or breakdown only.	\$ -

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<b>Thermo Fisher Scientific (Mississauga) Inc. (Thermo Fisher Scientific)</b>	✓	✓		Original Equipment Manufacturer- Instruments, components, parts, supplies and service for the two Aquion Ion Chromatographs used for analysis of anions in drinking water, wastewater, surface water, storm water, landfill samples and biosolids	Thermo Fisher Scientific (Mississauga) Inc is the sole manufacturer of the two ion chromatogram instruments used by the Environmental Laboratory to test for anions in drinking water, wastewater, surface water, storm water, landfill samples and biosolids. Thermo Fisher Scientific (Mississauga) Inc is the sole provider of the original and guaranteed parts/hardware necessary to provide repairs on this specific unit. Thermo field service engineers are certified/trained for the specific product line, ensuring the speed, quality of repair and work required. This includes any Emergency Service that may be required outside of the normal yearly Preventive Maintenance programs.		\$ 20,000	\$ 21,104
<b>Thomson Power Systems</b>	✓	✓	✓	Original Equipment Manufacturer of transfer switches, power generation controls, switchgear, Programmable Logic Control (PLC) and associated components used to facilitate back-up power generator connections at the Woodward Water and Wastewater Treatment Plant and outstations.	Manufacturer and provider of service and maintenance including the supply and installation of proprietary and associated non-proprietary parts and assemblies in Programmable Logic Control (PLC) and associated components. This work will require programming to be completed by Thomson Power Systems. The selection of Thomson Power Systems as the station control and related equipment was determined through a competitive capital procurement process.	Original Equipment Manufacturer and parts distributor for transfer and bypass switches, Programmable Logic Control (PLC) equipment and associated switchgear components. The supply of proprietary and associated non-proprietary parts and assemblies in stations/facilities operated using Thomson components. The selection of Thomson Power Systems as the station control and equipment was determined through a competitive capital procurement process.	No spend forecast, maintenance or breakdown only.	\$ -
<b>Toromont Industries Ltd.</b>		✓	✓		Toromont programmed the Programmable Logic Control (PLC) according to customer Plant Control Narrative and performed the commissioning and customer witness test for the supplied system. Toromont is the sole service provider for the standby power PLC control, full commissioning, testing, training and inspection for the Woodward Electrical Power Center and other outstations. Consequently Toromont is the Sole service provider (and associated parts required for the service) for C175 diesel generator sets with remote radiators, Local and manual control panels (LMCP), and System Automation System (SAS) Panels at Woodward WWTP.	Toromont is the sole source for all propriety and non-proprietary parts required for generator maintenance and repair services due to the complex nature of the diesel generator equipment installed through capital projects, procured through competitive processes.	\$ 15,000	\$ -
<b>Trillium Measurement and Control</b>		✓	✓		Sole authorized service provider for Varec digester equipment and associated parts.	Sole authorized parts provider for Varec digester equipment and associated parts.	No spend forecast, maintenance or breakdown only.	\$ -
<b>Trojan Technologies Inc.</b>	✓	✓	✓	Original Equipment Manufacturer for disinfection process equipment.	OEM service provider must be used to ensure performance guarantee is maintained.	Parts must be purchased through OEM to maintain warranties and guarantee equipment performance.	\$ 25,000	\$ 24,421
<b>USP Technologies Canada ULC</b>		✓			USP is the sole source service provider for the Binbrook Odour Control Pilot using Hydrogen Peroxide to control sewer odours. The pilot began in 2020 and will continue in accordance with the City's agreement with the Ministry of Environment, Conservation and Parks (MECP).		\$ 135,000	\$ 128,158
<b>Van Essen Instruments</b>	✓	✓	✓	Supply of Original Equipment Manufacturer spare parts, equipment and support services to maintain existing water level and water quality datalogger software and parts, including communication devices, cables and accessories.	Original Equipment Manufacturer spare parts, equipment and support services to maintain existing water level and water quality datalogger software and parts, including communication devices, cables and accessories.	Original Equipment Manufacturer spare parts, equipment and support services to maintain existing water level and water quality datalogger software and parts, including communication devices, cables and accessories.	\$ 10,000	\$ 0.00
<b>Varec Biogas</b>	✓	✓		Original Equipment Manufacturer for digester equipment and associated parts.	Only a qualified field service engineer from Varec Biogas is authorized to perform any service on Varec Biogas equipment, otherwise this will void any existing warranties for the product.		No spend forecast, maintenance or breakdown only.	\$ -

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Vega	✓	✓	✓	Original Equipment Manufacturer for process control equipment.	Sole authorized service provider for Vega process control equipment.	Sole authorized distributor of Vega process control equipment and parts.	\$ 20,000	\$ -
Veolia WTS Services USA Inc. (U.S. Business)	✓	✓	✓	Original Equipment Manufacturer for Climber Screen ®, and associated parts.	Original Equipment Manufacturer and sole provider of service for Climber Screen ® related equipment.	Original Equipment Manufacturer and sole distributor of Climber Screen ®, and associated parts.	No spend forecast, maintenance or breakdown only.	\$ -
VWR (A Part of Avantor) / VWR International Co./Avantor Delivered by VWR			✓			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 specialized QC reference Standards utilized by the Environmental Laboratory to maintain ISO 17025 Accreditation.	\$ 30,000	\$ 31,641
Wachs Canada LTD.	✓	✓	✓	Supply of Original Equipment Manufacturer spare parts, equipment and services for ERV- 750 Valve Exerciser - Automated Valve Operator, VMT2 Valve and Hydrant Maintenance Trailer, WACHS Vital (valve data collection) software system, WACHS Hydrant Cutter, guillotine saw and Lakeshore Hydrant Services (LHS) Pretzel Hydrant Marker.	Sole Original Equipment Manufacturer spare services provider for ERV-750 Valve Exerciser - Automated Valve Operator, VMT2 Valve and Hydrant Maintenance Trailer, WACHS Vital (valve data collection) software system, WACHS Hydrant Cutter, and guillotine saw.	Sole Supply of Original Equipment Manufacturer spare parts, equipment for ERV- 750 Valve Exerciser - Automated Valve Operator, VMT2 Valve and Hydrant Maintenance Trailer, WACHS Vital (valve data collection) software system, WACHS Hydrant Cutter, guillotine saw and Lakeshore Hydrant Services (LHS) Pretzel Hydrant Marker.	\$ 50,000	\$ 57,696.93
Wajax Limited		✓	✓		Sole authorized service provider for Moyno Progressing Cavity Pumps in Ontario.	Sole authorized parts distributor for Moyno Progressing Cavity Pumps in Ontario.	\$ 100,000	\$ 113,350
Watech Services Inc.		✓			Underwater services for inspection, rehabilitation, repairs, cleanout, or installation of equipment. They are a specialized, local and readily available firm. They have previous experience performing diving work with the City which mitigates safety risks. Having two vendors will provide redundancy for the specialized services that the City cannot provide and are typically required for unforeseen conditions that are time-sensitive.		No spend forecast, maintenance or breakdown only.	\$ -
Watts Unlimited	✓	✓		OEM Equipment Manufacturer of UPS systems for the Real Time Control bypass gates.	Original Equipment Manufacturer authorized service/maintenance provider for UPS systems (including any parts required for service/maintenance) covering Watts Equipment including but no limited to batteries, transfer switches, bypass switches, controllers and any associated components. Watts has an intimate history of the needs and complexity, as well as technicians are specially trained to maintain their own OEM equipment at various locations across Hamilton Water.		No spend forecast, maintenance or breakdown only.	\$ -
WesTech Engineering LLC	✓		✓	Original Equipment Manufacturer of the ExtremeDuty™ Internal Sludge Mixers.		Sole authorized distributor of the ExtremeDuty™ Internal Sludge Mixers and parts..	No spend forecast, maintenance or breakdown only.	\$ -

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Vendor Name	Original Equipment Manufacturer (OEM)	Provider for Service	Distributor for Equipment, Parts and Supplies	Original Equipment Manufacturer (OEM) Description of Goods and/or Services Supplied	Provider for Service	Distributor for Equipment, Parts and Supplies	Estimated Annual Expenditure	2023 Expenditure
Westech Industrial Ltd			✓			Sole authorized parts provider for Emerson and Varec - Biogas equipment and in-service digester gas or biogas (untreated or treated) in Canada.	No spend forecast, maintenance or breakdown only.	\$ -
Xylem Canada LP	✓	✓	✓	Original Equipment Manufacturer of Flygt branded submersible pumps and mixers, and associated parts. Original Equipment Manufacturer of Godwin branded pumps and accessories.	Sole Original Equipment Manufacturer authorized service provider for Flygt branded submersible pumps and mixers. Sole Original Equipment Manufacturer authorized service provider Godwin branded pumps and accessories.	Sole authorized distributor of Flygt branded submersible pumps and mixers, and associated parts. Sole authorized distributor of Godwin branded pumps and accessories.	\$ 400,000	\$ 386,244
<b>Total Appendix A</b>							<b>\$ 4,790,000</b>	<b>\$ 4,464,416</b>