

Parts, Supplies, Equipment and Services for Plant Operations and Plant Maintenance and Technical Services												
Vendor Name	Original Equipment Manufacturer (OEM)	Provider for Service	Distributor for Parts	(OEM) Description of Goods and/or Service Supplied	Provider for Service	Distributor for Parts	Estimated Spend 2022	Annual Spent 2021	Annual Spent 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017
3M	x			OEM for DBI-Sala Davit Guard System and associated parts.			\$ 24,000.00		\$ 6,000.00	\$ -	\$ -	\$ -
ABB Inc.	x	x	x	OEM 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.	OEM, sole authorized service provider for ABB and GE Industrial Solutions products.	OEM, sole distributor for ABB and GE Industrial Solutions products.	\$ 15,000.00		\$ -	\$ 2,280.00	\$ 13,768.00	\$ -
ACI Instrumentation Ltd.			x			ACI Instruments LTD is the exclusive Ontario distributor for Pulsar, Greyline, Hydroflow and Krohne products.	\$ 35,000.00	\$ 13,405.20	\$ 21,000.00	\$ 22,589.00	\$ 79,319.00	\$ 8,679.88
Active Scale Manufacturing Inc.	x	x	x	OEM for the truck weigh scale system used at the Woodward WWTP.	OEM, sole authorized service provider for Active Scale products.	OEM, sole distributor Active Scale products.	\$ 2,500.00	\$ 8,285.79	\$ 3,872.00	\$ 850.00	\$ -	\$ 1,564.00
Additel	x			OEM for process measurement and calibration monitoring equipment.			\$ -		\$ -	\$ -	\$ -	\$ -
Advantech	x			OEM for Advantech equipment			\$ -		\$ -	\$ -	\$ -	\$ -
Aerzen Canada Inc.	x	x	x	OEM for Aerzen blowers and associated parts.	OEM, sole authorized service provider for Aerzen Canada products.	OEM, sole distributor for Aerzen Canada products.	\$ 4,000.00	\$ 1,437.81	\$ -	\$ 1,788.90	\$ 1,040.60	\$ 11,437.31
Alfa Laval Canada Inc.	x	x	x	OEM for centrifuges, gravity thickener belts (formerly Ashbrooks) and associated parts.	OEM, sole authorized service provider for Alfa Laval Canada Inc. and Ashbrooks products.	OEM, sole distributor for Alfa Laval Canada Inc. and Ashbrooks products.	\$ 75,000.00	\$ 159,225.34	\$ 10,035.00	\$ 26,114.02	\$ 315,342.13	\$ 59,451.79
Aqua Technical Sales Inc.			x			Sole authorized distributor for Smith & Loveless line of sewage pumping, headworks, screening, treatment equipment, Shade Aides and associated parts for the above.	\$ -		\$ -	\$ -	\$ -	\$ -
Anderson Electronics		x	x		Anderson Electronics is the preferred service provider to the City of Hamilton for all battery bank systems and chargers, including high voltage switch gear, UPS's for the RTC gates, and Protection control for all of the electrical. 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 to the City of Hamilton for all battery bank systems and chargers, including high voltage switch gear, UPS's for the RTC gates, and Protection control for all of the electrical. 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.	\$ 50,000.00	\$ 8,679.28				
Armstrong Fluid Technology	x			OEM for pumps, hot water recirculation systems and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -

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Asco	x			OEM for regulatory flow control and pressure control equipment.			\$ -		\$ -	\$ -	\$ -	\$ -
Asea Brown Boveri (ABB)	x			OEM for regulatory water quality monitoring equipment.			\$ -		\$ -	\$ -	\$ -	\$ -
ASI Group		x			Provision of underwater services for inspection, repair, cleanout, or installation of equipment. They are a specialized local and readily available firm to respond to emergency situations, they have extensive experience performing diving work with the City which mitigates safety risks and have a vast understanding of the City's water infrastructure.		\$ 10,000.00		\$ -	\$ 8,151.00	\$ 25,111.00	\$ 7,113.00
ATI	x			OEM for gas monitoring equipment.			\$ -		\$ -	\$ -	\$ -	\$ -
Auma Actuators Inc	x			OEM for actuators.			\$ -		\$ -	\$ -	\$ -	\$ -
Avensys Solutions Inc.		x	x		OEM authorized service provider for Teledyne ISCO and QCEC automatic water/wastewater sampling and flow monitoring equipment for Canada.	sole 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.	\$ 50,000.00	\$ 34,782.01	\$ 70,571.00	\$ 34,219.00	\$ 48,481.45	\$ 28,872.00
AW Chesterton Co Ltd	x	x	x	OEM 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.	OEM, sole authorized service provider for AW Chesterton Co. Ltd products and Inpro/Seals® Custom Engineered Bearing Protection and Process Seals.	Exclusive distributor for Inpro/Seals® Custom Engineered Bearing Protection and Process Seals.	\$ 4,500.00		\$ 1,542.00	\$ 3,666.60	\$ 10,560.00	\$ 1,027.00
Aysix Analytical Equipment	x			OEM for process monitoring equipment.			\$ -		\$ -	\$ -	\$ -	\$ -
Baker Hughes Energy Services Canada (Formerly Bentley Nevada And General Electric Canada)	x	x	x	OEM for pump monitoring equipment.	OEM, sole authorized service provider for Bentley Nevada products and services, including but not limited to vibration monitoring equipment and associated parts.	OEM, sole distributor for Bentley Nevada products, including but not limited to vibration monitoring equipment and associated parts.	\$ 5,000.00	\$ 13,891.53	\$ -	\$ -	\$ 6,442.50	\$ 7,272.50
Benshaw	x	x	x	OEM for soft starters, variable frequency drives and switchgear equipment.	OEM, sole authorized service provider for Benshaw products including soft starters variable frequency drives and switchgear products and services.	OEM, sole distributor for Benshaw products including soft starters variable frequency drives and switchgear products and services.	\$ 4,000.00		\$ -	\$ -	\$ 8,028.00	\$ 3,320.00
Blue-White	x			OEM for chemical metering and dosing equipment.			\$ -		\$ -	\$ -	\$ -	\$ -
Brentwood Industries	x			OEM for clarifier tank equipment and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -

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C & M Environmental Technologies Inc.		x	x		Sole authorized service provider for Brentwood, 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 (eg. draft tubes, motors, etc.) in Ontario.	\$ 150,000.00		\$ -	\$ -	\$ 21,376.88	\$ 86,831.29
Can-Am Instruments Ltd.		x	x		Sole OEM authorized service provider for Hach open channel flow meters and sensors in Ontario.	Sole authorized distributor of Hach open channel flow meters, sensors and parts in Ontario.	\$ 12,000.00	\$ 6,647.22	\$ 10,073.00	\$ 1,958.34	\$ 13,955.76	\$ 22,082.60
Cancoppas Limited		x	x		Sole Original authorized service provider for Aysix Technologies products, and GWFTechnologies.	Sole authorized distributor for Aysix Technologies products in Canada, and GWF Technologies products in Ontario.	\$ 30,000.00	\$ 9,076.55	\$ 62,427.00	\$ 24,677.25	\$ 19,765.42	\$ 2,617.24
Caterpillar Inc.	x	x		OEM for engines, generators, controllers and associated parts for back-up power equipment.	Exclusive service provider for proprietary components including PLCs, Switchgear, and controllers, etc., specifically for the Woodward Electrical Power Centre.	Exclusive Distributor for proprietary OEM components including PLCs, Switchgear, and controllers, etc., specifically for the Woodward Electrical Power Centre.	\$ 20,000.00		\$ -	\$ -	\$ -	\$ -
Chemline	x			OEM for pressure control devices, valves, control and regulation devices, piping, tubing and flow meters.			\$ -		\$ -	\$ -	\$ -	\$ -
Cla-Val	x			OEM for specialty valves and flow monitoring.			\$ -		\$ -	\$ -	\$ -	\$ -
Conval Process Solutions Inc.			x			Sole authorized distributor for GA Industries products in Ontario.	\$ 15,000.00	\$ 15,751.61	\$ -	\$ 23,618.45	\$ 13,709.00	\$ 14,400.72
Crane Pumps And Systems Canada	x			OEM for pumps and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -
Cummins	x			OEM for engines, generators, controllers and associated parts for back-up power equipment.			\$ 10,000.00		\$ -	\$ 1,094.34	\$ -	\$ -
Danfoss / Vacon	x			OEM for Vacon soft starters and variable frequency drives.			\$ -		\$ -	\$ -	\$ -	\$ -
Devine & Associates Ltd.		x	x		Sole authorized service provider of Cla-Val products in Ontario.	Sole authorized distributor of Cla-Val products in Ontario.	\$ 10,000.00	\$ 20,568.97	\$ 4,086.00	\$ 22,324.00	\$ 4,216.00	\$ 7,751.86
Dezurik	x			OEM for valves.			\$ -		\$ -	\$ -	\$ -	\$ -
Directrik Inc.			x			Sole authorized distributor for Seepex, Armstrong, Vogelsang, Flowserve (including but not limited to Worthington, Pacific, Ingersoll-Rand, Byron Jackson, Durco, Innomag and Sihj), Trillium Flow Technologies (WEMCO, WSP), and Hidrostal pumps and products for the province of Ontario	\$ 6,000.00	\$ 18,286.11	\$ 18,067.00	\$ 24,572.53	\$ -	\$ -

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Eaton Industries Canada Company	x	x		OEM 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 and other associated electrical distribution parts.	OEM authorized service/maintenance provider for power distribution systems (including any parts required for service/maintenance) covering Eaton Industries Canada, Cutler-Hammer, Westinghouse, Cooper, and Klockler Moller brand names. Field service and technical support for the uninterrupted power supply units for the power distribution system. Eaton Industries Canada 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.		\$ 150,000.00	\$ 34,645.27	\$ 77,000.00	\$ 127,341.00	\$ 124,004.43	\$ 235,974.10
Eaton Powerware	x	x		OEM Equipment Manufacturer of UPS systems ranging from 600v to 110v.	OEM 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.		\$ 60,000.00					
Endress+Hauser	x			OEM for process measurement and optimization monitoring equipment.			\$ -		\$ -	\$ -	\$ -	\$ -
Envirocan Wastewater Treatment		x	x		Sole OEM authorized service provider for JWC Environmental, Muffin Monster®, Channel Monster®, Auger Monster®, Screenings Washer Monster®, Honey Monster® and Monster Screening Systems® products.	Sole authorized distributor for JWC Environmental, Muffin Monster®, Channel Monster®, Auger Monster®, Screenings Washer Monster®, Honey Monster® and Monster Screening Systems® products.	\$ 60,000.00		\$ -	\$ -	\$ 36,300.00	\$ 138,764.00
ESC Automation Inc.		x	x		Sole authorized service provider for Delta Controls products.	Sole authorized distributor for Delta Controls products.	\$ 60,000.00	\$ 21,808.75	\$ 54,000.00	\$ 43,937.00	\$ 82,887.00	\$ 46,458.00
Evoqua Water Technologies Ltd (Formerly US Filter)	x		x	OEM for intake screens, clarification systems, separation systems and associated parts as well as disinfection, water quality and regulatory monitoring equipment.		Sole authorized distributor for Wallace & Tiernan equipment and associated parts.	\$ 120,000.00	\$ 20,697.11	\$ 120,508.00	\$ 21,104.99	\$ 549,684.42	\$ 26,081.07
Fag Bearings	x			OEM for bearing as identified on motor name plates.			\$ -		\$ -	\$ -	\$ -	\$ -
Floval Equipment Ltd.		x	x		Sole authorized service provider for HydraTite Seal products.	Sole authorized distributor for BNW Valve, HydraTite Seal, DeZURIK, APCO, Willamette, and Hilton parts and equipment.	\$ 20,000.00	\$ 25,710.74	\$ -	\$ 14,000.00	\$ 19,723.00	\$ 588.73
Flowmotion	x		x	OEM for chemical metering equipment.		Sole Authorized distributor for all Flowmotion Systems products in Ontario	\$ -		\$ -	\$ -	\$ -	\$ -

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Flygt	x			OEM for pumps and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -
Gerrie Electric Wholesale Limited		x	x		Sole authorized service provider for Rockwell Automation, Allen Bradley, Endress+Hauser brand electrical distribution systems and parts	Sole authorized distributor for Rockwell Automation, Allen Bradley, and Endress+Hauser brand electrical distribution systems and parts. Rockwell Agent for technical support under Rockwell technical support agreement.	\$ 130,000.00	\$ 262,137.64	\$ 243,200.00	\$ 135,000.00	\$ 126,582.97	\$ 7,633.48
Golden Anderson (GA Industries)	x			OEM for valves and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -
Gorman Rupp	x			OEM for pumps and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -
Gratec	x			OEM for mixers and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -
GrayMatter Systems		x	x		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		\$ 250,000.00		\$ 20,483.00	\$ -	\$ -	\$ -
Grundfos	x			OEM for submersible pumps and related parts, and chemical dosing equipment.			\$ -		\$ -	\$ -	\$ -	\$ -
H2Flow Equipment, Inc.		x	x		H2Flow Equipment Inc. is the sole authorized service provider for Environmental Dynamics International parts and equipment.	H2 Flow is the sole authorized Representative 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 (EDI)	\$ -	\$ 17,697.88	\$ -	\$ -	\$ -	\$ -
Hach Sales & Service LP	x	x	x	OEM for regulatory analyzers, monitoring and control devices.	OEM authorized service provider for repair, start-up service, warranty repair or maintenance on HACH instruments.	OEM and sole source distributor for all Hach branded products with the exception of open channel flow meters and sensors which is through Can-am Instruments LTD.	\$ 130,000.00	\$ 196,539.21	\$ 259,394.00	\$ 89,537.75	\$ 73,963.28	\$ 89,869.32
HCE Telecom Inc.	x	x	x	City authorized SCADA ISP provider	HCE provides remote SCADA access and communications to Hamilton Water Infrastructure including fibre optic cable installation and repair services.	HCE is the distributor for communication hardware, routers, switches and cellular antennas.	\$ 50,000.00		\$ 29,000.00	\$ -	\$ -	\$ -

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Hitachi Energy (ABB/GE)	x	x		Hitachi purchased certain divisions of ABB and GE. Now Hitachi is the OEM 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.	Hitachi formerly ABB/GE has been providing this service (including any parts required for service/maintenance) and now has an intimate history of the needs and complexity, as well as Hitachi technicians are specially trained to maintain their OEM equipment. In addition Hitachi is the Sole OEM authorized service provider 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.		\$ 25,000.00					
Hydroflow	x			OEM for electronic water conditioners and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -
Hydromatic Pumps	x			OEM for pumps and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -
Hydrovision (GWF Technologies)	x			OEM for flow monitoring equipment.			\$ -		\$ -	\$ -	\$ -	\$ -
John Brooks Company Limited		x	x		Sole OEM authorized service provider for Vaughan Co. Inc. (including Chopper, Triton, and Rotomix brands).	Sole authorized distributor for Engineered Systems, Gorman Rupp Pumps (Municipal) , Vaughan Co. Inc. (Chopper, Triton, Rotomix), Goulds Water Technology.	\$ 15,000.00	\$ 2,652.93	\$ 10,186.00	\$ 270.60	\$ 75,878.02	\$ 3,096.00
John Crane	x			OEM for seals, packing, couplings and associated parts.			\$ 12,500.00	\$ 6,156.55	\$ 22,400.00	\$ 9,455.84	\$ 13,829.20	\$ 3,698.50
JSM Controls Inc		x			Service for chlorination equipment and gas chlorination systems in water/wastewater treatment applications. JSM controls maintains the correct TSSA licensing and credentials to preform this work and are well versed with the process and equipment within Hamilton Water's facilities. Their ongoing sole source service support ensures that timely service is received for highly regulated process equipment, to support regulatory compliance and continuance of operations.		\$ 25,000.00	\$ 9,996.26	\$ 19,000.00	\$ 40,000.00	\$ 40,894.00	\$ 132,000.29
JWC Environmental - Muffin Monster	x			OEM for grinders and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -
Krohne	x			OEM for flow meters.			\$ -		\$ -	\$ -	\$ -	\$ -
KSB Pumps Inc. (Canada)	x	x	x	OEM for pumps and associated parts.	Sole OEM authorized service provider in Canada for all KSB manufactured pumps, valves, parts and service.	OEM and sole goods provider in Canada for all KSB manufactured pumps, valves, parts and service.	\$ -		\$ -	\$ -	\$ 9,102.26	\$ -

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Lakeside Process Controls Ltd		x	x		Sole OEM 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 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.	\$ 10,000.00	\$ 36,997.58	\$ 32,463.00	\$ 4,638.06	\$ 1,280.00	\$ 9,116.08
Landmark Municipal Services ULC (LMS)		x			Providers of specialized services including the annual aircraft lighting and maintenance on water towers, and water tower maintenance including cleaning. Landmark maintains the required qualifications for tower climbing, harnessing, safety planning, rescue planning documentation and personnel, etc.		\$ 45,000.00		\$ 10,350.00	\$ 18,500.00	\$ 9,800.00	\$ 9,361.05
Link Belt	x			OEM for bearings, seals and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -
Lonestar	x			OEM for aeration blowers and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -
Lotowater Technical Services Inc		x			Lotowater is the preferred service provider 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.		\$ 35,000.00	\$ 6,906.46	\$ 135,230.00	\$ -	\$ -	\$ 33,178.69
Mccrometer	x			OEM for regulatory flow monitoring devices.			\$ -		\$ -	\$ -	\$ -	\$ -
Micro Pump	x			OEM of pumps for regulatory water quality sampling systems and chemical metering equipment.			\$ -		\$ -	\$ -	\$ -	\$ -
Moyno Inc	x			OEM for pumps, grinders and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -
MSA	x			OEM for gas monitoring equipment, self contained breathing apparatus, confined space entry equipment, and associated replacement parts.			\$ -		\$ -	\$ -	\$ -	\$ -
Myers Pumps	x			OEM for pumps and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -

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NatPro - DXP			x			Sole authorized distributor for Pentair and Aurora products.	\$ -		\$ -	\$ -	\$ -	\$ -
Netzsch	x			OEM for pumps and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -
Nexom	x			OEM for aeration diffusers and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -
Nivus	x			OEM for flow and level control equipment.			\$ -		\$ -	\$ -	\$ -	\$ -
Pentair	x			OEM for Aurora, Aurora Fire, Fairbanks, Nijhuis, Layne-Vertiline, VTSH (vertical turbine solid handling) products and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -
Philadelphia Mixing Solutions	x			OEM for mixers and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -
PMC Engineering	x			OEM for level, pressure and process monitoring and control equipment.			\$ -		\$ -	\$ -	\$ -	\$ -
Powell Electric (Formerly GE)	x	x		Powell Electric is the OEM for PowerVac, PowlVac, Powell Breaker, Powell Flextrol, Powell Flexgear, Powell Arc Whipper, Delta/Unibus, Powell Bus electrical equipment.	Powell Electric (Formerly GE) has been providing this service (including any parts required for service/maintenance) and now has an intimate history of the needs and complexity, as well as Powell Electric technicians are specially trained to maintain their OEM equipment. In addition Powell Electric is the Sole OEM authorized service provider 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.		\$ 80,000.00	\$ 9,957.24				
Pro Aqua Inc			x			Sole authorized distributor of Schwing Bioset Parts in Ontario and Evoqua's wastewater treatment equipment and parts with the exception of odour control equipment.	\$ 2,500.00		\$ 2,336.00	\$ 2,080.70	\$ 110,566.68	\$ -
Prominent	x			OEM for regulatory water quality monitoring and disinfection equipment.			\$ -		\$ -	\$ -	\$ -	\$ -
Pro-Tech Power			x			Pro-Tech Power Sales Inc. is the exclusive authorized sales representative for Schweitzer Engineering Laboratories, Inc. (SEL) and its Canadian Subsidiary in the province of Ontario.	\$ 50,000.00					
Pulsar	x			OEM for level monitoring equipment.			\$ -		\$ -	\$ -	\$ -	\$ -
Red Valve	x			OEM for valves and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -

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Rockwell Automation (Allen-Bradley)	x			OEM for soft starters, variable frequency drives and SCADA components.			\$ -		\$ -	\$ -	\$ -	\$ -
Ro-Flo Compressors LLC	x			OEM for compressors and associated parts.			\$ -		\$ -	\$ -	\$ 60,558.00	\$ -
Rotork Controls (Canada) Ltd.	x	x	x	OEM for actuators.	OEM authorized service provider.	OEM authorized distributor.	\$ 15,000.00	\$ 36,656.31	\$ 13,000.00	\$ 17,205.05	\$ 43,910.66	\$ 28,903.43
S&C Electric Canada	x	x		OEM parts for electrical distribution equipment covering S&C Electric. Parts include all controls, battery chargers, all power distribution/communication equipment for the loop ring power center/ELU and other associated electrical distribution parts.	OEM authorized service/maintenance provider for power distribution systems (including any parts required for service/maintenance) covering S&C Equipment. S&C now has an intimate history of the needs and complexity, as well as S&C technicians are specially trained to maintain their own OEM equipment at the Woodward Electrical Power Centre.		\$ 20,000.00		\$ -	\$ -	\$ -	\$ -
SCG (Formerly Metcon Sales & Engineering Limited)			x			Sole authorized distributor for Spencer Equipment, Watson Marlow Fluid Technology and ProMinent Canada products.	\$ 55,000.00	\$ 98,534.04	\$ 70,000.00	\$ 37,965.04	\$ 52,918.46	\$ 61,045.42
Schneider Electric Canada	x	x		OEM for Federal Pioneer Ltd., Square D, Merlin Gerin power systems; Telemecanique Automation & Control Products; APC UPS Equipment, ASCO Transfer Switches, Powerlogic Metering Equipment, ION Metering parts, relays and other associated electrical distribution parts.	OEM authorized service/maintenance provider for power distribution systems (including any parts required for service/maintenance) covering all products identified. Schneider Electric Canada now has an intimate history of the needs and complexity, as well as Schneider Electrical technicians are specially trained to maintain their own OEM equipment.		\$ 20,000.00		\$ -	\$ -	\$ 10,874.44	\$ -
Schweitzer Engineering Laboratories	x			OEM for protective relay and communications equipment associated with the power distribution system. Distributor - Pro-Tech listed above			\$ -		\$ -	\$ -	\$ -	\$ -
Schwing Bioset Inc	x		x	OEM for biosolids equipment and associated parts.		Schwing Bioset, Inc. is the Exclusive/ Sole Source Distributor of original Schwing spare parts used on the Schwing supplied Material Handling equipment such as sludge pumping systems, sliding frame silos, push floor systems, power units, screw feeders, and lubrications systems, etc.	\$ 50,000.00	\$ 24,681.36	\$ 34,000.00	\$ 230,598.16	\$ 26,132.50	\$ -
Seepex	x			OEM for pumps and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -

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Siemens Canada Limited	x	x		OEM for power distribution, soft starters and variable frequency drives and other associated electrical distribution parts.	OEM authorized service/maintenance provider for power distribution systems (including any parts required for service/maintenance) covering all products identified. Siemens Canada has an intimate history of the needs and complexity, as well as their technicians are specially trained to maintain their own OEM equipment.		\$ 40,000.00	\$ 2,533.83	\$ -	\$ -	\$ 58,480.04	\$ 50,617.00
Singer Valve	x			OEM for valves and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -
SKF Bearings	x			OEM for bearings as identified on motor name plates.			\$ 10,000.00		\$ -	\$ 12,500.00	\$ -	\$ -
Smart Turner Pumps Inc.	x		x	OEM for pumps and associated parts.		OEM and sole distributor of Smart Turner Pumps.	\$ 20,000.00		\$ 58,370.00	\$ -	\$ -	\$ -
Smith & Loveless, Inc.	x		x	OEM for pumps, grit classification systems and associated parts.		OEM and sole distributor of Smith & Loveless products and equipment.		\$ 75,006.30				
Spaans Babcock	x		x	OEM for screws, gear box and associated parts.		OEM and sole distributor Spaans Babcock products and training / inspection services in North America. The products include Spaans Babcock screw pumps, hydro screw generators, fine screen and any spare parts related to these products.	\$ 20,000.00	\$ 15,610.01	\$ 71,125.00	\$ 8,455.00	\$ 7,833.00	\$ 16,925.14
SPD Sales Limited		x	x		Sole OEM authorized service provider for Grundfos, Kurz Instruments, Vega, 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, Kurz Instruments, Chemtrac, and Xylem Brands (YSI IQ Sensornet, Royce Technologies & WTW products).	\$ 50,000.00	\$ 113,558.43	\$ 115,781.00	\$ 79,801.75	\$ 43,437.00	\$ 59,499.57
Spirac	x			OEM for grit handling augers and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -
SPX Flow	x			OEM for mixer process systems and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -
SRP Control Systems Limited		x	x		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 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.	\$ 15,000.00	\$ 11,977.17	\$ 19,920.00	\$ 16,215.00	\$ -	\$ -
Suez Treatment Solutions Inc. (formerly Infilco Degremont)	x		x	OEM for Climber Screen ®, and associated parts.		OEM and sole distributor of Climber Screen ®, and associated parts.	\$ 150,000.00		\$ 52,547.00	\$ -	\$ 357,720.21	\$ 176,538.71

Vendor Name	Original Equipment Manufacturer (OEM)	Provider for Service	Distributor for Parts	(OEM) Description of Goods and/or Service Supplied	Provider for Service	Distributor for Parts	Estimated Spend 2022	Annual Spent 2021	Annual Spent 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017
Summa Engineering Limited		x			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 graphics system, can provide expert service seamlessly without delays. SUMMA has the experience and dedicated staff to provide SCADA service.		\$ 5,000.00					
Syntec Process Equipment Ltd.		x	x			Sole authorized distributor for Banyan Products, Fontaine- Aquanox, Master Distributor of Chemline Plastics, J&S Valve Inc., Netzsch, Singer, Limitorque Products for Simons Automation and Supply, Trueline Valve Corp., Val-Matic, Trumbull Mfg. Ltd.	\$ 100,000.00	\$ 191,135.08	\$ 172,381.00	\$ 197,007.30	\$ 129,690.50	\$ 75,000.96
T.D. Rooke Associates Limited			x			Sole authorized distributor for SPXFLOW – Lightning Mixers, and associated parts.	\$ 25,000.00		\$ -	\$ -	\$ -	\$ 55,300.28
Teledyne (ISCO)	x			OEM for auto samplers.			\$ -		\$ -	\$ -	\$ -	\$ -
Toromont Industries Ltd.		x			Toromont programmed the PLC control 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 Power Center. 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.		\$ 30,000.00	\$ 10,000.00	\$ -	\$ 1,094.34	\$ -	\$ -
Tyco Integrated Fire and Security Canada, Inc. o/a Johnson Controls	x	x		Tyco Integrated Fire and Security Canada, Inc. o/a Johnson Controls collaboratively designed, commissioned and verified the newly installed Fire Alarm and fire protection equipment installed at 700 Woodward Avenue Hamilton. This system contains a Simplex-brand fire alarm panel and Tyco sprinkler products.	Johnson Controls International is the manufacturer of the Simplex brand of fire alarm panels. JCI's technicians undergo factory training in all Simplex fire alarm products.		\$ 5,000.00					

Vendor Name	Original Equipment Manufacturer (OEM)	Provider for Service	Distributor for Parts	(OEM) Description of Goods and/or Service Supplied	Provider for Service	Distributor for Parts	Estimated Spend 2022	Annual Spent 2021	Annual Spent 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017
Johnson Controls		x			An ISO 17025 accredited organization that is able to provide on-site calibration services on a multitude of different instruments. Standardization ensures timely and expert response to regulatory instrumentation equipment.		\$ 17,500.00	\$ 18,126.66	\$ 16,745.00	\$ 16,844.00	\$ 21,835.34	\$ 15,847.54
Trillium Measurement and Control		x	x		Sole authorized service provider for Varec digester equipment and associated parts.	Sole authorized distributor for Varec digester equipment and associated parts.						
Trojan Technologies		x	x	OEM 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	\$ 50,000.00	\$ 21,470.95	\$ -	\$ -	\$ -	\$ -
Troy-Ontor Inc		x	x		Sole OEM authorized service provider for Auma products in Canada.	Sole authorized distributor for Auma products in Canada.	\$ 20,000.00	\$ 37,990.52	\$ 18,000.00	\$ 19,431.92	\$ 29,897.00	\$ -
UGSI Chemical Feed, Inc	x			OEM for PolyBlend ® product line of equipment, including but not limited to pumps, mixers, drives, controllers, ORP, Stranrol Analyzers and Chemical Feed/mixing systems.			\$ -		\$ -	\$ -	\$ -	\$ -
United Electric Controls	x			OEM for pressure control and monitoring devices.			\$ -		\$ -	\$ -	\$ -	\$ -
USP Technologies		x			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 is approximately 3 years in length.		\$ 100,000.00	\$ 92,000.00				
Val-Matic	x			OEM for valves and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -
Varec Biogas	x	x		OEM 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.		\$ -		\$ -	\$ -	\$ -	\$ -
Vaughan Pumps	x			OEM for pumps and associated parts.			\$ -		\$ -	\$ -	\$ -	\$ -
Vega	x			OEM for process control equipment.			\$ -	\$ 47,146.58	\$ -	\$ -	\$ -	\$ -
Wajax Industrial Components		x	x		Sole OEM authorized service provider for Moyno Progressing Cavity Pumps in Ontario.	Sole authorized distributor for Moyno Progressing Cavity Pumps in Ontario.	\$ 50,000.00	\$ 51,519.56	\$ 101,000.00	\$ 23,845.51	\$ 325,401.64	\$ 14,323.32
Wallace And Tiernan	x			OEM for disinfection process equipment.			\$ -		\$ -	\$ -	\$ -	\$ -

Vendor Name	Original Equipment Manufacturer (OEM)	Provider for Service	Distributor for Parts	(OEM) Description of Goods and/or Service Supplied	Provider for Service	Distributor for Parts	Estimated Spend 2022	Annual Spent 2021	Annual Spent 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017	
WesTech Engineering LLC	x		x	OEM of the ExtremeDuty™ Internal Sludge Mixer Model SMI1.ster mixers		Sole distibuter of the ExtremeDuty™ Internal Sludge Mixer Model SMI1.ster mixers	\$ 600,000.00		\$ -	\$ -	\$ -	\$ -	
Westech Industrial Ltd		x	x		Westech Industrial, Ltd. is the sole authorized service provider for Emerson and Varec equipment used in digester gas or biogas processing in Canada.	Westech Industrial, Ltd. is the sole authorized Distributor for Emerson and Varec equipment used in digester gas or biogas processing in Canada.	\$ 10,000.00	\$ 49,633.54	\$ -	\$ -	\$ 5,013.00	\$ -	
Westin Technology Solutions (Formerly Eramosa Engineering)	x	x		Consultant and provider of the SCADA architecture , DATA, Network under SCADA master plan , SCADA _E network provider.	Sole OEM authorized service agent in North America for existing eRIS software users. SCADA support service and maintenace provider for network,data, SCADA architecture core system level.		\$ 300,000.00	\$ 34,426.12	\$ 221,826.00	\$ 90,331.64	\$ 430,455.47	\$ 612,110.71	
Xylem Canada Company	x	x	x	Sole authorized distributor of Flygt branded submersible pumps and mixers, and associated parts. Sole authorized distributor of Godwin branded pumps and accessories.	Sole OEM authorized service provider for Flygt branded submersible pumps and mixers. Sole OEM 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.	\$ 300,000.00	\$ 234,631.17	\$ 330,861.00	\$ 293,238.49	\$ 452,639.62	\$ 302,944.69	
YSI	x			OEM for regulatory analyzers, monitoring and control devices.			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
							Totals	\$3,939,500	\$ 2,128,578.67	2,538,779	1,748,303	3,912,408	2,467,297