

<u>Standardization of Fleet Equipment and Parts 2018</u>					
Equipment Category	Recommended Supplier	Rationale	Additional Comments	Expiry (Year)	Estimated Annual Expenditures
SWS LED Strobe Lights, Light Emitting Diode Strobe Lights	Determined through applicable Procurement Process	SWS LED Strobe Lights: Currently in wide spread use in the City's fleet. Units are compatible with existing operation and ongoing standardization will prevent inventory expansion and control costs.	Compatible with existing stock. Named on Procurement document specifications for new vehicle/equipment purchases.	2021	\$ 13,000.00
GROTE back up alarms, trailer plugs, lighting and wiring	Determined through applicable Procurement Process	GROTE back up alarms, trailer plugs, lighting and wiring: Currently in wide spread use in the City's fleet. Units are compatible with existing operation and standardization will prevent inventory expansion and control costs.	Compatible with existing stock. Named on Procurement document specifications for new vehicle/equipment purchases.	2023	\$ 70,000.00
Light emitting Diode light sticks	D&R Electronics Co. Ltd.	LED light sticks: D&R style LED light bars are the current product widely used on the City fleet. Used on Supervisors vehicles and quick stop and go road maintenance units that are too small for a full TC-12 Arrow Board. These lights prevent vehicle collisions by directing traffic around a stationary unit. System design and operation is a current familiarity and would prevent additional training, inventory and installation/ repair costs.	Compatible with existing stock. Named on Procurement document specifications for new vehicle/equipment purchases.	2021	\$ 30,000.00
Back up cameras , AVL accessories and installation services	DiCAN Inc.	Back up cameras installation and service: Provides on-site service, repairs and installation. Original supplier of this equipment to the majority of the heavy duty fleet. Trucks cannot be safely operated when this equipment is not operable. We currently have a combined total of approximately 200 units on our fleet of salter/ sander, garbage packers and sweepers. DiCAN is the dealer authorized to sell Veilig Safety systems to the Municipal industry here in Ontario. Supply and installation of AVL components and accessories	Compatible with existing stock. Named on Procurement document specifications for new vehicle/equipment purchases. Agreement has been established with Dican Inc. which expires on November 20, 2021, for the supply of new units, parts and service.	2022	\$ 75,000.00

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Tymco DST-6 Regenerative Air Sweeper	The Equipment Specialists Inc.	Tymco International Ltd. performance claim for controlling particulate matter (PM 10 and PM 2.5) is certified by Environmental Technology Verification (ETV) Canada with a surface removal efficiency of greater than 90%. Of additional benefit to the operators is the City's entire sweeper fleet will remain standardized from one manufacturer reducing the risk of errors and variations in street cleanliness. This continues to simplify operation and maintenance procedures for both the Fleet Services and Road Operations Sections. The City of Hamilton will continue to evaluate technology each and every time our sweepers reach their life cycle and are to be replaced to determine rebuild vs replacement criteria. To date there have been no other sweeper suppliers that have confirmed their ability to match performance criteria of the Tymco. Tymco DST-6 provides a 10% higher surface removal efficiency rating than that of its competitor, equating to the removal of approximately 40 to 60 tonnes of additional material collected through an annual program cycle. The Tymco DST-6 has the highest certified surface removal efficiency greater than 90% and is a proven entity in the market place throughout Ontario in the Municipal sector. Previous approvals for the Tymco as a single source include (PW05095c), (PW05095b) and (PW05095a)	Agreement has been established with The Equipment Specialist Inc. which expires on December 31, 2022, for the supply of new units, parts and service.	2030	\$ 940,000.00
Ice Resurfacing Machine	Zamboni Company Ltd.	Ice Resurfacing Machine: Previous experience finds that the Zamboni Model 445 fits in all arenas. As outlined in previous council report #ECS07001/PW07005 approved in 2006 for the sole source supply of this machine to the end of 2012 these units meet the City's requirements for turning radius, load capacity and overall height and length of the machines considering the amenities of the specified arena facilities. This current contract includes the purchase of all Ice Resurfacers from Zamboni to ensure the best price for volume purchases of like equipment over a period of 5 years. By standardizing all ice resurfacers to a single manufacturer the end users can realize familiar operating parameters, reduced training costs and allow Fleet Services to control inventory costs. Zamboni custom engineers, manufactures and assembles many of the Zamboni Ice Resurfacer components. Proprietary parts and repair knowledge are not available from the aftermarket network therefore single source of these services from Zamboni Company Ltd. is the only source.	Agreement has been established with Zamboni Company LTD which expires on December 31, 2019, for the supply of new units, parts and service.	2019	\$355,000.00
Original Equipment Manufacturer (OEM) John Deere Industrial	Nortrax Canada Inc.	Nortrax is the Original Equipment Manufacturer (OEM) John Deere Industrial Dealer. Some parts on this equipment are not available from the aftermarket network, therefore the original equipment supplier is the only source. Warranty work that is sent for repair occasionally results in labour and parts that are subsequently found not to be covered under warranty. When this occurs and it's in the City's best interest, that the vendor will complete the work avoiding increased cost for secondary transportation and additional downtime. Some service work may require special tooling or specialized training available only within Nortrax.	Supply of original equipment parts and service only.	2021	\$110,000.00

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Goodyear Hydraulic Hoses and Fittings	Determined through applicable Procurement Process	The City will procure Goodyear hydraulic hose and fittings when Original Equipment Manufacturer (OEM) and/or unique application hoses are not required for new and existing vehicles and equipment. Benefits for operating departments and Fleet Services maintenance include uniform crimping specifications, reduce training costs and allow Fleet Services to control inventory costs, ensure parts availability and avoid any potential costs of replacing dies for tooling crimping machines to other supplier's requirements.	Named on Procurement Documents.	2018	\$45,000.00
Original Equipment Manufacturer (OEM) International Truck	Altruck International Truck Centres	Altruck is the Original Equipment Manufacturer (OEM) International Truck Dealer. Some parts on this equipment are not available from the aftermarket network therefore the original equipment supplier is the only source. Warranty work that is sent for repair occasionally results in labour and parts that are subsequently found not to be covered under warranty. When this occurs and it's in the City's best interest, in consideration of cost and downtime, the vendor will complete the work. Some service work may require special tooling or specialized available only within Altruck International Centres under protected territory.	Supply of original equipment parts and service only	2022	\$ 34,000.00
Sander/Plow parts Manufactures and assembles sander bodies and plow systems	Viking-Cives Ltd.	Original Equipment Manufacturer (OEM) Sander / Plow parts Dealer: Viking-Cives customs engineers, manufactures and assembles sander bodies and plow systems. Proprietary parts are not available from the aftermarket network therefore the original equipment supplier is the only source. Warranty work that is sent for repair occasionally results in labour and parts that are subsequently found not to be covered under warranty. When this occurs and it's in the City's best interest, in consideration of cost and downtime, the vendor will complete the work. Some service work may require special tooling or training available only within Viking-Cives Ltd.	Supply of original equipment parts and service only	2032	\$ 110,000.00
Trackless Municipal Tractors	Work Equipment Ltd. (sales division of Trackless Manufacturing)	Trackless Municipal Tractors: There are currently 7 Trackless devices in the City fleet that require manufacturer's specific parts. These units are predominately municipal purchases so the parts distribution is non-existent. Some generic parts can be had from the manufacturer. Work Equipment Ltd. is the sales arm of Trackless Manufacturing.	Supply of original equipment parts.	2032	\$ 65,000.00
Ford/ Sterling	Eastgate Truck Centre	Ford/ Sterling: Eastgate Ford has a dedicated territory as a Ford/ Sterling dealer and supplies Ford/ Sterling dedicated parts. This vendor is the original equipment supplier for parts and service required for our fleet of 103 Sterling Plow and Garbage Packer Trucks.	Supply of original equipment parts and service only	2021	\$ 175,000.00

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Freightliner	Metro Freightliner Trucks	Freightliner: Metro Freightliner has a dedicated territory for parts and warranty service for our fleet of 48 Freightliner Plow, Sweepers cab and chassis, Forestry, medium duty dump trucks and Traffic operations. Some parts on this equipment are not available from the aftermarket network therefore the original equipment supplier is the only source.	Supply of original equipment parts.	2032	\$ 80,000.00
Cummins Engine	Cummins Eastern Canada	Cummins Engine: Cummins has protected territory for its engine repairs and specific parts. Generic parts are always sourced first, but where none are available then we need to acquire them from OE option of Cummins Eastern Canada.	Supply of original equipment parts and service only.	2032	\$ 120,000.00
Jacobsen Mowers	G.C. Duke Equipment	Jacobsen Mowers: A large number of Jacobsen mowers are in use in the golf and parks operations throughout the city. There are a number of manufacturer specific parts that can only be purchased through the dealer. This dealer holds the entire Province of Ontario as a protected territory.	Supply of original equipment parts and service only.	2030	\$ 180,000.00
Toro Mowers	Turfcare	Toro Mowers: A significant number of Toro mowers are in the use throughout the city. Getting supply of parts and service is restricted to protected territory supplied only by Turfcare in Ontario and Quebec.	Supply of original equipment parts.	2020	\$ 70,000.00
Vacuum Truck and Garbage Packers Bodies	Joe Johnson Equipment	Vacuum Truck and Garbage Packers Bodies: Where Vactor and Labrie body parts and unique service requirements are needed, Joe Johnson Equipment has a protected territory in Ontario.	Supply of original equipment parts and service only.	2025	\$ 55,000.00
Vermeer Wood Chippers	Vermeer Ontario	Vermeer Wood Chippers: There is a number of Vermeer Wood Chippers in the City fleet and often require manufacturer's specific parts. These units are predominately municipal purchases so the parts distribution is non-existent. Some generic parts can be had and are covered under a supply tender, however specific parts can only be had from the manufacturer. Vermeer has the exclusive sales and service right for the Hamilton area.	A five year agreement has been established with Vermeer Canada Inc. which expires five years from date of original purchase order (July 11, 2013) for the supply of new units, parts and service.	2029	\$ 20,000.00
Auto Lube System	Groeneveld Lubrication Solutions INC.	Auto Lube System: We currently have approximately 200 units on our fleet of Plow, Garbage trucks and other equipment. Groeneveld Products is the only distributor in Hamilton area.	Supply of original equipment parts and service. Named on Procurement document specifications for new vehicle/equipment purchases. Agreement has been established with Groeneveld Lubrication Solutions INC. which expires on November 27, 2021, for the supply of new units, parts and service.	2034	\$ 200,000.00
Asphalt Hot Boxes	Amaco Equipment	Amaco Equipment is the authorized dealer of Falcon Asphalt Hot Box equipment, parts and service.	Supply of original equipment parts and service only.	2026	\$ 50,000.00

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Allison Transmission	Wajax Power System	Allison Transmission: Wajax is the registered distributor for Allison automatic transmissions. All of our large fleet (CVOR vehicles) are equipped with Allison automatics. Outside of warranty and very limited generic parts all work and part need to be had at Wajax. Exclusive dealer of OEM Allison Transmission overhaul service within 50km of Central Garage.	Supply of original equipment parts and service. Named on Procurement document specifications for new vehicle/equipment purchases.	2032	\$ 70,000.00
Emco Wheaton POSI/LOCK® Automatic Refueling and Posi/Lock Blue urea dispensing systems	Baker Parts, Inc.	Emco Wheaton POSI/LOCK® Posi/Lock dispensing nozzles: Baker Parts is the registered distributor for Emco Wheaton POSI/LOCK® Automatic Refueling and Posi/Lock Blue urea dispensing systems. Our two locations capable of fueling HSR buses are equipped with Emco Wheaton POSI/LOCK® Posi/Lock dispensing nozzles. Exclusive dealer of OEM Emco Wheaton POSI/LOCK® Posi/Lock dispensing nozzles rebuild service in Canada.	Supply of parts, new and rebuilt nozzles.	2023	\$15,000.00
Monroe Snow Plow Spreader Body	Alstone	Original Equipment Manufacturer (OEM) Sander / Plow parts Dealer: ALLSTONE EQUIPMENT is the manufactures only Canadian distributor and assembles sander bodies and plow systems. Proprietary parts are not available from the aftermarket network therefore the ALLSTONE EQUIPMENT is the only source. Warranty work that is sent for repair occasionally results in labour and parts that are subsequently found not to be covered under warranty. When this occurs and it's in the City's best interest, in consideration of cost and downtime, the vendor will complete the work. Some service work may require special tooling or training available only within ALLSTONE EQUIPMENT.	Supply of original equipment parts and service only	2026	\$15,000.00
Bobcat	Bobcat of Hamilton	There are a number of Bobcat brand vehicles in use within the parks operations throughout the city. There are a number of manufacturer specific parts that can only be purchased through the dealer. This dealer holds territorial rights for this area.	Supply of original equipment parts and service only	2026	\$ 30,000.00
Peterbilt	Cervus Equipment	Cervus is the Original Equipment Manufacturer (OEM) for Peterbilt Trucks. Some parts on this equipment are not available from the aftermarket network, therefore the original equipment supplier is the only source. Warranty work that is sent for repair occasionally results in labour and parts that are subsequently found not to be covered under warranty. When this occurs and it's in the City's best interest, that the vendor will complete the work avoiding increased cost for secondary transportation and additional downtime. Some service work may require special tooling or specialized training available only within Cervus.	Supply of original equipment parts and service only	2026	\$ 15,000.00

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Bosch Rexroth Compu-Spread Spreader Control Systems m	Determined through applicable Procurement Process	These electronic spreader control systems are used on the City's sander/salter/plow units to control material application rates and record their usage during winter events. Roads & Maintenance has been using the Bosch Rexroth Compuspread system since the early 2000's. Currently all 110 City sander/salter/plow units have the Bosch Rexroth Compu-Spread system installed in them. These units have provided good quality and are essential to deliver winter control in a cost effective manner. Historically there have been no major issues with the Compu-spread system. The City's Fleet Services Section of the Public Works Department have a process in place for Compu-spread repairs and technical training programs for fleet technicians. Fleet carries a significant inventory of Compu-spread maintenance and repair items and has established supply contracts to ensure timely repair of existing systems.	Supply of original equipment parts and service only. Named on Procurement document specifications for new vehicle/equipment purchases.	2032	\$ 200,000.00
Case Constuction, Volvo Construction and Champion Equipment	Strongco Corporation	Strongco is the Original Equipment Manufacturer (OEM) dealer of Case Construction, Volvo Construction and Champion Equipment. Some parts on this equipment are not available from the aftermarket network therefore the original equipment supplier is the only source. Warranty work that is sent for repair occasionally results in labour and parts that are subsequently found not to be covered under warranty. When this occurs and it's in the City's best interest, in consideration of cost and downtime, the vendor will complete the work. Some service work may require special tooling or specialized available only from Strongco.	Supply of original equipment parts and service only	2025	\$ 40,000.00
TOTAL					\$3,182,000.00