



PUBLIC WORKS COMMITTEE REPORT 20-006

AS AMENDED BY COUNCIL ON AUGUST 21, 2020

9:30 a.m.

Wednesday, August 12, 2020

Council Chambers

Hamilton City Hall

71 Main Street West

Present: Councillors J.P. Danko (Chair), S. Merulla (Vice-Chair), C. Collins, L. Ferguson, T. Jackson, N. Nann, E. Pauls, M. Pearson, A. VanderBeek and T. Whitehead

**Absent with
Regrets:** Councillor J. Farr – Personal

THE PUBLIC WORKS COMMITTEE PRESENTS REPORT 20-006 AND RESPECTFULLY RECOMMENDS:

1. Consent Items (Item 5)

(a) That Consent Items 5.1 to 5.3 be received, as presented:

(i) **Annual Wastewater Treatment Bypass Report - 2019
(PW20025) (City Wide) (Item 5.1)**

That Report PW20025, respecting the Annual Wastewater Treatment Bypass Report - 2019, be received.

(ii) **Connected & Autonomous Vehicles Test Bed (PW19097(a))
(City Wide) (Item 5.2)**

That Report PW19097(a), respecting the Connected & Autonomous Vehicles Test Bed, be received.

(iii) **2019 Corporate Security Annual Report (PW20053) (City Wide)
(Item 5.3)**

That Report PW20053, respecting 2019 Corporate Security Annual Report, be received.

Council – August 21, 2020

2. Clean Harbour Outreach Program (PW16054(a)) (City Wide) (Item 7.1)

That Report PW16054(a), respecting the Clean Harbour Outreach Program, be received.

3. Cosmetic Pesticide Ban (PW20051) (City Wide) (Item 8.1)

That the City of Hamilton continue the practice of not using pesticides in the 69 Municipally owned cemeteries operated by the Cemetery Section of Environmental Services, Public Works Department.

4. Standardization of Hamilton Water Equipment, Parts, Supplies and Services (PW20054) (City Wide) (Item 8.2)

- (a) That the standardization of the products, services, manufacturers and distributors identified in Appendices “A”, “B” and “C” to Public Works Committee Report 20-006 pursuant to Procurement Policy #14 - Standardization and as the single source of supply for the listed equipment, parts, supplies and services for the Hamilton Water Division be approved;
- (b) That the General Manager of Public Works, or their designate, be authorized to negotiate, enter into and execute any required Contract and any ancillary documents required to give effect thereto with those suppliers identified in Appendices “A”, “B” and “C” to Public Works Committee Report 20-006 with content acceptable to the General Manager of Public Works, and in a form satisfactory to the City Solicitor; and,
- (c) That the General Manager of Public Works, or their designate, be authorized to amend any Contracts executed and any ancillary documents as required in the event that a service provider, manufacturer, or distributor identified in Appendices “A”, “B” or “C” to Public Works Committee Report 20-006 undergoes a name change in a form satisfactory to the City Solicitor.

5. Water Treatment Plant Clearwell Improvement (PW20026) (City Wide) (Item 8.3)

- (a) That the single source procurement, pursuant to Procurement Policy #11 – Non-competitive Procurements, for construction services for the clearwell improvements at the Woodward Water Treatment Plant at the upset limit of \$1,300,000 be awarded to Bennet Mechanical Installations (2001) Ltd. and funded from Project ID No. 5141166110;
- (b) That the General Manager of Public Works, or their designate, be authorized and directed to negotiate, enter into and execute a Contract

and any ancillary documents required to give effect thereto with Bennet Mechanical Installations (2001) Ltd. in a form satisfactory to the City Solicitor;

- (c) That the single source procurement, pursuant to Procurement Policy #11 – Non-competitive Procurements, for consultancy services including project management, contract administration during construction, site inspection and commissioning / warranty services for the clearwell improvements at the Woodward Water Treatment Plant at the upset limit of \$300,000 be awarded to AECOM Canada Ltd. and funded from Project ID No. 5141166110; and,
- (d) That the General Manager of Public Works, or their designate, be authorized and directed to negotiate, enter into and execute a Contract and any ancillary documents required to give effect thereto with AECOM Canada Ltd. in a form satisfactory to the City Solicitor.

6. Transport Canada Rail Safety Improvement Program Grant (PW19077(a)) (City Wide) (Item 8.4)

That the General Manager of Public Works, or their designate, be authorized and directed to negotiate/renegotiate, enter into, and execute an agreement with Transport Canada, and all amendments and ancillary documents, for the purpose of formalizing the City's ability to receive the Transport Canada Rail Safety Improvement Program grant in accordance with the principles contained in this report, all in a form satisfactory to the City Solicitor.

7. DARTS 2019 Variance Funding (PW20052) (City Wide) (Item 8.5)

That the General Manager of Public Works, or their designate, be authorized and directed to pay DARTS an additional \$795,992 from account 12607-006100 for 56,781 additional trips provided for the year 2019, over and above those funds approved within the 2019 Transit Division budget.

8. Replacement of Play Structure at Parkdale Park, 1770 Main Street East, Hamilton (Ward 4) (Item 9.1)

WHEREAS, the play structure located within Parkdale Park at 1770 Main Street East, Hamilton has reached end of life; and,

WHEREAS, this community amenity is a valuable recreation opportunity for children, youth and families within the McQuesten West, Glenview and Normanhurst neighbourhoods;

THEREFORE, BE IT RESOLVED:

- (a) That the removal of the existing play structure, and the design and installation of a new play structure at 1770 Main Street East (Parkdale Park), Hamilton, at an approximate cost of \$160,000 be funded from the Ward 4 Area Rating Reserve Account (108054), be approved; and,
- (b) That the General Manager of Public Works, or their designate, be authorized and directed to approve and execute any and all required agreements and ancillary documents, in a form satisfactory to the City Solicitor.

9. Replacement of Multi-Use Courts at 390 Melvin Avenue, Hamilton (McQuesten Farm/St. Helen's Walkway) (Ward 4) (Item 9.2)

WHEREAS, the two Multi-Use courts located as part of the McQuesten Farm/ St.Helen's walkway at 390 Melvin Avenue have reached end of life and need to be replaced;

WHEREAS, the community would benefit from having one of the two Multi-Use courts relocated to the adjacent Hillcrest Park at 8 Heath Street; and,

WHEREAS, these community amenities are valuable recreation opportunities for children, youth and families within the McQuesten West and McQuesten East neighbourhoods;

THEREFORE; BE IT RESOLVED:

- (a) That a total of 2 multi-use courts be replaced in the McQuesten neighbourhood at 390 Melvin Avenue (McQuesten Farm/St. Helen's Walkway), and 8 Heath Street (Hillcrest Park), with an approximate cost of \$230,000 and that \$198,465.81 be funded from the Ward 4 Area Rating Reserve Account (108054), and \$31,534.19 be funded from Ward 4 Capital Reinvestment Account (3301909400) with any unspent funds to be returned to the reserve; and,
- (b) That the General Manager of Public Works, or their designate, be authorized and directed to approve and execute any and all required agreements and ancillary documents, in a form satisfactory to the City Solicitor.

10. Low Wall Rebuild at J.C. Beemer Park, 50 Victoria Avenue North, Hamilton (Ward 3) (Item 9.3)

WHEREAS, J.C. Beemer Park is an active neighbourhood park in Ward 3, with recreational amenities supporting the community;

WHEREAS, former Tweedsmuir Public School is recognized in the park by three low bricked walls that act as a gateway and seating to J.C. Beemer Park located at 50 Victoria Avenue North;

WHEREAS, the walls have deteriorated and are at their end of life; and,

WHEREAS, the Environmental Services and Tourism and Culture Divisions are not currently funded to complete the estimated \$10,500 wall rebuild;

THEREFORE, BE IT RESOLVED:

- (a) That Environmental Services staff be authorized and directed to initiate a full rebuild of the three low walls, to an upset limit of \$10,500, to be funded from the Ward 3 Capital Reinvestment Account (3301909300); and,
- (b) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents, with such terms and conditions in a form satisfactory to the City Solicitor.

11. Fiddlers Green Road Sidewalk Extension (Ward 12) (Item 9.4)

WHEREAS, there is a missing section of sidewalk on Fiddlers Green Road, between the Highway 403 bridge and Enmore Avenue; and,

WHEREAS, residents have requested the installation of a sidewalk extension on Fiddlers Green Road, from the Highway 403 bridge to Enmore Avenue, Ancaster to enable walkability and enhance roadway safety;

THEREFORE, BE IT RESOLVED:

- (a) That Public Works staff be authorized and directed to install a sidewalk extension on Fiddlers Green Road, from the Highway 403 bridge to Enmore Avenue, Ancaster, in 2020, at a **n approximate total** cost of \$80,000, **with \$75,191.07** to be funded from the ~~Ward 12 Area Rating Reserve Account~~ **Ancaster Capital Reserve (108030) and \$4,808.93 to be funded from the Ward 12 Non Property Tax Revenue Account (3301609612)**; and,
- (b) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents, with such terms and conditions in a form satisfactory to the City Solicitor.

12. Creation of a Speed Cushion Reserve Account and Installation of Speed Cushions on Ravenscliffe Avenue, Hamilton (Ward 2) (Item 9.5)

WHEREAS, Ward 2 residents along Ravenscliffe Avenue have requested the installation of speed cushions and have identified safety concerns related to vehicle speeds; and,

WHEREAS, the Ward 2 office would like to establish a speed cushion reserve account to install speed cushions at 3 additional locations, as required;

THEREFORE, BE IT RESOLVED:

- (a) That staff be authorized and directed to install one set of speed cushions on Ravenscliffe Avenue, in 2020, at a total cost not to exceed \$6,000, to be funded from the Ward 2 Area Rating Reserve Fund (108052);
- (b) That staff be authorized and directed to install three sets of speed cushions at locations to be determined, in 2020, at a total cost not to exceed \$18,000, to be funded from the Ward 2 Area Rating Reserve Fund (108052); and,
- (c) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents, with such terms and conditions in a form satisfactory to the City Solicitor.

13. Complete Streets Report (Ward 8) (Item 9.6)

WHEREAS, Vision Zero and Complete Streets principles are used in the City of Hamilton to provide a safer environment for all road users;

WHEREAS, the Ward 8 office has requested a review of designated neighbourhoods with a focus on Traffic Calming Initiatives at problem locations and to provide a guideline for safety enhancements given the road width, classification, surrounding land use, proximity to schools/playgrounds, access roads from arterials, on-street parking and other considerations; and,

WHEREAS, staff do not have the internal resources to provide a comprehensive report of all designated neighbourhoods in Ward 8;

THEREFORE, BE IT RESOLVED:

- (a) That staff be authorized and directed to retain a consultant to undertake a review of designated Ward 8 neighbourhoods with the intent of providing a Complete Streets report identifying areas of concerns and recommendations to provide a safer environment for all road users based on Vision Zero and Complete Streets principles, to be funded from the Ward 8 Area Rating Reserve Fund (108058) to an upset limit of \$149,999, as per the Purchasing Policy for Roster Assignments; and,
- (b) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents, with such terms and conditions in a form satisfactory to the City Solicitor.

14. Investment in Recreational Facilities (Ward 8) (Item 9.7)

WHEREAS, the majority of City of Hamilton owned facilities and park assets (buildings) in Ward 8 are maintained by the City of Hamilton's Facilities Operations & Maintenance Section of the Energy, Fleet & Facilities Management Division, Public Works;

WHEREAS, many of the current recreational facilities in Ward 8 are in need of repair and upgrades; and,

WHEREAS, building repairs and improvements related to mechanical replacements, painting, improved lighting, landscaping, minor roof repairs, exterior restoration and overall general maintenance be undertaken at Recreational Facilities including pools, arenas and in parks, throughout Ward 8;

THEREFORE, BE IT RESOLVED:

- (a) That staff be authorized and directed to complete the upgrades and repairs to the facilities listed below at the estimated cost of \$100,000, to be funded from the Ward 8 Area Rating Reserve Fund (108058):
 - (i) Mountain Arena;
 - (ii) Westmount Recreation Centre;
 - (iii) Walker Pool;
 - (iv) Bruce Park Field House;
 - (v) Gourley Park Field House; and,
 - (vi) Buchanan Field House;
- (b) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents, with such terms and conditions in a form satisfactory to the City Solicitor.

15. Sir Allan MacNab Tennis Court Improvements (Ward 14) (Added Item 9.8)

WHEREAS, two existing Tennis courts located on Hamilton Wentworth District School Board (HWDSB) lands at 145 Magnolia Drive (Sir Allan MacNab High School) provide active recreational use for the Fessenden Neighbourhood community residents and beyond;

WHEREAS, the two tennis courts were constructed and are maintained by the City of Hamilton on HWDSB lands; and,

WHEREAS, the tennis court surfacing is in need of crack repair and coating resurfacing to improve the play quality of the courts;

THEREFORE, BE IT RESOLVED:

- (a) That the existing tennis courts located at 145 Magnolia Drive, Hamilton, be improved with crack repair and coating resurfacing, at a cost of \$40,000, to be funded from the Ward 14 Area Rating Reserve Fund (108064); and,
- (b) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents, with such terms and conditions in a form satisfactory to the City Solicitor.

FOR INFORMATION:

(a) CEREMONIAL ACTIVITIES

The Committee Chair recognized that during a virtual awards ceremony on July 21, 2020, the Municipal Waste Association announced that the City of Hamilton's waste management group received three awards for their 2019 Promotion and Education programs.

Awards were won in the following categories:

- 1. In the category for "Best Waste Collection Calendar", the City received a bronze award for the 2019 Recycling and Waste Collection Calendar;
- 2. In the category for "Best Marketing Campaign", the City received a bronze award for the 2019 education program to remove yard waste from the green bin; and,
- 3. In the category for "Other Promotion and Education Material", the City received a bronze award for the 2019 Cigarette Litter Prevention Program pocket ashtray campaign.

The team working in Community Outreach, including Angela Storey, Jacquie Colangelo, Maegan MacDonald and Ruthie McComb, were congratulated for creating the programs and preparing the award submissions as well as staff from Recycling and Waste Disposal and Waste Collections for supporting all Promotion and Education programs last year.

(b) CHANGES TO THE AGENDA (Item 1)

The Committee Clerk advised of the following changes to the agenda:

4. COMMUNICATIONS (Item 4)

- 4.2 Delegation Request from Bill Fitzgerald, Hamilton Oshawa Port Authority, respecting the Permanent Closure and Sale of Portion of Ship Street, Niagara Street, and Hillyard Street, Hamilton (for a future meeting)

10. NOTICES OF MOTION (Item 10)

10.1 Sir Allan MacNab Tennis Court Improvements (Ward 14)

The agenda for the August 12, 2020 Public Works Committee meeting was approved, as amended.

(c) DECLARATIONS OF INTEREST (Item 2)

There were no declarations of interest.

(d) APPROVAL OF MINUTES OF THE PREVIOUS MEETING (Item 3)

(i) July 8, 2020 (Item 3.1)

The Minutes of the July 8, 2020 meeting of the Public Works Committee were approved, as presented.

(e) COMMUNICATIONS (Item 4)

(i) Correspondence from David Kebick respecting Noise Pollution in the Parkview West Community (Ward 4) (Item 4.1)

The correspondence from David Kebick respecting Noise Pollution in the Parkview West Community (Ward 4), was received and referred to the General Manager of Public Works for appropriate action.

(ii) Delegation Request from Bill Fitzgerald, Hamilton Oshawa Port Authority, respecting the Permanent Closure and Sale of Portion of Ship Street, Niagara Street, and Hillyard Street, Hamilton (for a future meeting) (Added Item 4.2)

The delegation request, submitted by Bill Fitzgerald, Hamilton Oshawa Port Authority, respecting the Permanent Closure and Sale of Portion of Ship Street, Niagara Street, and Hillyard Street, Hamilton, was approved for a future meeting.

(f) STAFF PRESENTATIONS (Item 7)

(i) Clean Harbour Outreach Program (PW16054(a)) (City Wide) (Item 7.1)

Deborah Goudreau, Manager, Customer Service & Community Outreach, addressed Committee respecting Report PW16054(a), Clean Harbour Outreach Program, with the aid of a presentation.

The presentation, respecting Report PW16054(a), Clean Harbour Outreach Program, was received.

For further disposition of this matter, refer to Item 2.

(g) MOTIONS (Item 9)

(i) Creation of a Speed Cushion Reserve Account and Installation of Speed Cushions on Ravenscliffe Avenue, Hamilton (Ward 2) (Item 9.5)

The Motion, respecting the Creation of a Speed Cushion Reserve Account and Installation of Speed Cushions on Ravenscliffe Avenue, Hamilton (Ward 2), was **amended** by deleting and replacing recommendation (b), as follows:

- (a) That staff be authorized and directed to install one set of speed cushions on Ravenscliffe Avenue, in 2020, at a total cost not to exceed \$6,000, to be funded from the Ward 2 Area Rating Reserve Fund (108052);
- ~~(b) That a reserve account be established to construct 3 additional sets of speed cushions as required, at a total cost not to exceed \$18,000, to be funded from the Ward 2 Area Rating Reserve Fund (108052); and,~~
- (b) That staff be authorized and directed to install three sets of speed cushions at locations to be determined, in 2020, at a total cost not to exceed \$18,000, to be funded from the Ward 2 Area Rating Reserve Fund (108052); and,**
- (c) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents, with such terms and conditions in a form satisfactory to the City Solicitor.

For further disposition of this matter, refer to Item 12.

(ii) Complete Streets Report (Ward 8) (Item 9.6)

Councillor Danko relinquished the Chair to Councillor Merulla.

For further disposition of this matter, refer to Item 13.

(iii) Investment in Recreational Facilities (Ward 8) (Item 9.7)

Councillor Danko relinquished the Chair to Councillor Merulla.

For further disposition of this matter, refer to Item 14.

(h) NOTICES OF MOTION (Item 10)

(i) Sir Allan MacNab Tennis Court Improvements (Ward 14) (Added Item 10.1)

The Rules of Order were waived to allow for the introduction of a Motion respecting Sir Allan MacNab Tennis Court Improvements (Ward 14).

For further disposition of this matter, refer to Item 15.

Councillor Whitehead introduced the following Notice of Motion:

(ii) Complete Streets Report (Ward 14) (Added Item 10.2)

WHEREAS, Vision Zero and Complete Streets principles are used in the City of Hamilton to provide a safer environment for all road users;

WHEREAS, the Ward 14 office has requested a review of designated neighbourhoods with a focus on Traffic Calming Initiatives at problem locations and to provide a guideline for safety enhancements given the road width, classification, surrounding land use, proximity to schools/playgrounds, access roads from arterials, on-street parking and other considerations; and,

WHEREAS, staff do not have the internal resources to provide a comprehensive report of all designated neighbourhoods in Ward 14;

THEREFORE, BE IT RESOLVED:

- (a) That staff be authorized and directed to retain a consultant to undertake a review of designated Ward 14 neighbourhoods with the intent of providing a Complete Streets report identifying areas of concerns and recommendations to provide a safer environment for all road users based on Vision Zero and Complete Streets principles, to be funded from the Ward 14 Area Rating Reserve Fund (108064) to an upset limit of \$149,999, as per the Purchasing Policy for Roster Assignments; and,
- (b) That the Mayor and City Clerk be authorized and directed to execute any required agreement(s) and ancillary documents, with such terms and conditions in a form satisfactory to the City Solicitor.

(i) GENERAL INFORMATION / OTHER BUSINESS (Item 11)

(i) Amendments to the Outstanding Business List (Item 11.1)

The following amendments to the Public Works Committee's Outstanding Business List, were approved:

- (a) Items Requiring a New Due Date:
 - (i) To Create a Hamilton General Hospital Safety Zone
Item on OBL: U
Current Due Date: August 12, 2020
Proposed New Due Date: November 2, 2020
 - (ii) Redevelopment / Reuse of the former King George School Site, at 77 Gage Avenue North
Item on OBL: V
Current Due Date: September 11, 2020
Proposed New Due Date: November 16, 2020
 - (iii) Minimum Maintenance Standards Changes
Item on OBL: AC
Current Due Date: October 5, 2020
Proposed New Due Date: October 19, 2020
 - (iv) Moving Hamilton Towards a Zero Plastic Waste Plan
Item on OBL: AY
Current Due Date: September 11, 2020
Proposed New Due Date: October 19, 2020
 - (v) Mountain Climber Phase Three Expansion
Item on OBL: AAB
Current Due Date: September 21, 2020
Proposed New Due Date: September 20, 2021
 - (vi) Sustainable Mobility Program Annual Update
Item on OBL: AAC
Current Due Date: August 12, 2020
Proposed New Due Date: October 5, 2020
 - (vii) Review of Cycle Hamilton Recommendations Respecting the Cannon Street Resurfacing Project
Item on OBL: AAD
Current Due Date: August 12, 2020
Proposed New Due Date: September 11, 2020
 - (viii) Road Safety Review and Appropriate Measures at the York Road and Newman Road Intersection
Item on OBL: AAE
Current Due Date: September 11, 2020
Proposed New Due Date: October 5, 2020

- (ix) Integration of an All Ages and Abilities Assessment into Existing and Future Cycling Infrastructure in Hamilton
Item on OBL: AAJ
Current Due Date: August 12, 2020
Proposed New Due Date: September 11, 2020
- (x) City of Hamilton's Cemeteries Business Plan
Item on OBL: AAO
Current Due Date: October 19, 2020
Proposed New Due Date: Q1 2021
- (xi) Municipal Class Environmental Assessment and Conceptual Design of Ancaster Elevated Water Reservoir
Item on OBL: AAP
Current Due Date: September 21, 2020
Proposed New Due Date: December 7, 2020
- (xii) Feasibility of Implementation of a Digital Automated Information System on the Lincoln Alexander Parkway and Red Hill Valley Parkway
Item on OBL: AAU
Current Due Date: September 21, 2020
Proposed New Due Date: January 11, 2021
- (xiii) Implementation and Resources Required re: Corporate Goals and Areas of Focus for Climate Mitigation & Adaptation
Item on OBL: AAW
Current Due Date: September 21, 2020
Proposed New Due Date: December 7, 2020
- (xiv) Management of the Aviary at 85 Oak Knoll Drive
Item on OBL: AAY
Current Due Date: August 12, 2020
Proposed New Due Date: Q2 2021
- (xv) Feasibility of Accelerated Lead Water Service Line Replacement Options
Item on OBL: ABA
Current Due Date: August 12, 2020
Proposed New Due Date: October 5, 2020

(j) ADJOURNMENT (Item 13)

There being no further business, the Public Works Committee was adjourned at 12:10 p.m.

Respectfully submitted,

Councillor J.P. Danko
Chair, Public Works Committee

Alicia Davenport
Legislative Coordinator
Office of the City Clerk

Parts, Supplies, Equipment and Services for the City of Hamilton Environmental Laboratory

Vendor Name	Manufacturer	Service	Distributor	Goods	Services	Distributor	Est. Annual \$ 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017	Comments
AirOn HVAC Services Ltd.	x	x		Provide all Labour, Equipment and Materials necessary to service and maintain the Laboratory's only Makeup Air Unit (MAU).	The Makeup Air Unit (Engineered Air) is the sole unit that provides exhaust for all laboratory chemical hoods. AirOn has been providing this service and now has an intimate history of the needs and complexity until a replacement unit can be provided under separate contract.		\$ 175,000.00	\$ 175,519.15	\$ 74,650.00	\$ 58,612.00	
Eurofins Abraxis Inc	x	x	x	Instruments, parts, supplies, service and Laboratory Performance Testing samples for microcystins ELISA analysis.	Original Equipment Manufacturer spare parts, brokerage fees, supplies and services for existing equipment utilized by the Environmental Laboratory.	Original Equipment Manufacturer spare parts, brokerage fees, supplies and services for existing equipment utilized by the Environmental Laboratory.	\$ 10,150.00	\$ 8,892.72	\$ 6,675.00	\$ 9,300.00	USD
Agilent Technologies Canada, Inc.	x	x	x	Instruments, parts, supplies and service for trace metal (Varian Vista-PRO Axial CCD ICPOES and Agilent 7900 ICPMS) and trace organic analysis (Agilent GC/MSD System, Tekmar Purge and Trap auto sampler with Agilent GC/MSD System, Agilent GC/MS/MS System, SPME PAL Autosampler with GC/MSD System).	Original Equipment Manufacturer spare parts, brokerage fees, supplies and services for existing equipment utilized by the Environmental Laboratory.	Original Equipment Manufacturer spare parts, brokerage fees, supplies and services for existing equipment utilized by the Environmental Laboratory.	\$ 70,000.00	\$ 63,855.20	\$ 64,948.96	\$ 66,610.49	
The Canadian Association for Laboratory Accreditation Inc. (CALA)		x			On site ISO 17025 Laboratory Assessments utilized by the Environmental Laboratory to maintain ISO 17025 Accreditation.		\$ 12,000.00	\$ 24,265.70	\$ 27,550.00	\$ 22,400.00	
IDEXX Distribution, Inc./IDEXX Laboratories Canada Corp./IDEXX Laboratories, Inc.	x	x	x	Instruments, parts and supplies for Microbiological analysis of regulated drinking waters, wastewaters and biosolids.	Original Equipment Manufacturer spare parts, brokerage fees, supplies and services for existing equipment utilized by the Environmental Laboratory.	Original Equipment Manufacturer spare parts, brokerage fees, supplies and services for existing equipment utilized by the Environmental Laboratory.	\$ 35,000.00	\$ 7,513.26	\$ 16,805.00	NA	
Magnetar Corporation	x	x		Maintenance and Upgrades to SIRIUS Laboratory Information Management System (LIMS) database.	Maintenance and Upgrades to SIRIUS Laboratory Information Management System (LIMS) database.		\$ 30,000.00	\$ 25,432.48	\$ 22,245.76	\$ 21,601.37	
Millipore (Canada Ltd.)/ EMD Millipore Corporation	x	x	x	Parts, supplies and service for Laboratory water purification systems for trace analysis.	Original Equipment Manufacturer spare parts, brokerage fees, supplies and services for existing equipment utilized by the Environmental Laboratory.	Original Equipment Manufacturer spare parts, brokerage fees, supplies and services for existing equipment utilized by the Environmental Laboratory.	\$ 21,000.00	\$ 16,488.92	\$ 17,671.00	\$ 14,692.36	
Proficiency Testing Canada Inc. (PTC)			x			Provider of specialized standards utilized by the Environmental Laboratory to maintain ISO 17025 Accreditation.	\$ 13,000.00	NA	NA	NA	
SGS Canada Inc.		x			Laboratory Analytical Services Accredited to ISO 17025 and MECP Licensed for regulatory drinking water analysis for specific tests listed in their scope of analysis.		\$ 50,000.00	\$ 34,059.27	\$ 38,738.10	\$ 109,074.00	
Skalar Inc.	x	x	x	Instruments parts, supplies and service for Skalar Automated Chemistry Systems.	Original Equipment Manufacturer spare parts, brokerage fees, supplies and services for existing equipment utilized by the Environmental Laboratory.	Original Equipment Manufacturer spare parts, brokerage fees, supplies and services for existing equipment utilized by the Environmental Laboratory.	\$11,000.00	\$ 3,946.00	\$ 12,424.00	\$ 9,999.00	
Systems Plus (1936100 Ontario Inc.)	x		x	Provider of pre-cleaned, pre-labelled Laboratory Bottles for all analytical analysis including regulatory drinking water.		Provider of pre-cleaned, pre-labelled Laboratory Bottles for all analytical analysis including regulatory drinking water.	\$ 45,000.00	\$ 34,607.66	\$ 31,150.74	\$ 44,404.30	
VWR (A Part of Avantor) / VWR International Co.			x	Provider of specialized standards utilized by the Environmental Laboratory to maintain ISO 17025 Accreditation.		Provider of specialized standards utilized by the Environmental Laboratory to maintain ISO 17025 Accreditation.	\$ 27,000.00	\$ 21,000.00	\$ 20,616.00	\$ 23,342.00	
Environmental Resource Associates (ERA)	x										
							\$ 488,150.00	\$ 415,580.36	\$ 333,474.56	\$ 380,035.52	

Parts, Supplies, Equipment and Services for the City of Hamilton Plant Operations and Plant Maintenance and Technical Services

Vendor Name	Original Equipment Manufacturer	Service	Distributor	Goods	Services	Distributor	Est. Annual \$ 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017	Comments
ABB Inc.	x	x	x	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, sole goods and authorized service provider for ABB and GE Industrial Solutions products.	Original Equipment Manufacturer, sole goods and authorized service provider for ABB and GE Industrial Solutions products.	\$ 100,000.00	\$ 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 .	\$ 25,000.00	\$ 22,589.00	\$ 79,319.00	\$ 8,679.88	
Active Scale Manufacturing Inc.	x	x	x	Original Equipment Manufacturer for the truck weigh scale system used at the Woodward WWTP.	Original Equipment Manufacturer, sole goods and authorized service provider for Active Scale products.	Original Equipment Manufacturer, sole goods and authorized service provider for Active Scale products.	\$ 6,000.00	\$ 850.00	\$ -	\$ 1,564.00	
Additel	x			Original Equipment Manufacturer for process measurement and calibration monitoring equipment.			\$ -	\$ -	\$ -	\$ -	
Advantech	x			Original Equipment Manufacturer for process measurement and calibration monitoring equipment.			\$ -	\$ -	\$ -	\$ -	
Aerzen Canada Inc.	x	x	x	Original Equipment Manufacturer for Aerzen blowers and associated parts.	Original Equipment Manufacturer, sole goods and authorized service provider for Aerzen Canada products.	Original Equipment Manufacturer, sole goods and authorized service provider for Aerzen Canada products.	\$ 2,000.00	\$ 1,788.90	\$ 1,040.60	\$ 11,437.31	
Alfa Laval Canada Inc.	x	x	x	Original Equipment Manufacturer for centrifuges, gravity thickener belts (formerly Ashbrooks) and associated parts.	Original Equipment Manufacturer, sole goods and authorized service provider for Alfa Laval Canada Inc. and Ashbrooks products.	Original Equipment Manufacturer, sole goods and authorized service provider for Alfa Laval Canada Inc. and Ashbrooks products.	\$ 125,000.00	\$ 26,114.02	\$ 315,342.13	\$ 59,451.79	
Armstrong	x			Original Equipment Manufacturer for pumps, hot water recirculation systems and associated parts.			\$ -	\$ -	\$ -	\$ -	
Asco	x			Original Equipment Manufacturer for regulatory flow control and pressure control equipment.			\$ -	\$ -	\$ -	\$ -	
Asea Brown Boveri (ABB)	x			Original Equipment Manufacturer for regulatory water quality monitoring equipment.			\$ -	\$ -	\$ -	\$ -	
ATI	x			Original Equipment Manufacturer for gas monitoring equipment.			\$ -	\$ -	\$ -	\$ -	
Auma Actuators Inc	x			Original Equipment Manufacturer for actuators.			\$ -	\$ -	\$ -	\$ -	
Avensys Solutions Inc.		x	x		Sole goods and Original Equipment Manufacturer 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	\$ 34,219.00	\$ 48,481.45	\$ 28,872.00	
AW Chesterton Co Ltd	x	x	x	Original Equipment Manufacturer for Mechanical Seal Pump 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.	Original Equipment Manufacturer, sole goods and 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.	\$ 15,000.00	\$ 3,666.60	\$ 10,560.00	\$ 1,027.00	
Aysix Analytical Equipment	x			Original Equipment Manufacturer for process monitoring equipment.			\$ -	\$ -	\$ -	\$ -	
Baker Hughes Energy Services Canada (Formerly Bentley Nevada And General Electric Canada)	x	x	x	Original Equipment Manufacturer for pump monitoring equipment.	Original Equipment Manufacturer, sole goods and authorized service provider for Bentley Nevada products and services, including but not limited to vibration monitoring equipment and associated parts.	Original Equipment Manufacturer, sole goods and authorized service provider for Bentley Nevada products, including but not limited to vibration monitoring equipment and associated parts.	\$ 7,500.00	\$ -	\$ 6,442.50	\$ 7,272.50	
Benshaw	x	x	x	Original Equipment Manufacturer for soft starters, variable frequency drives and switchgear equipment.	Original Equipment Manufacturer, sole goods and authorized service provider for Benshaw products including soft starters variable frequency drives and switchgear products and services.	Original Equipment Manufacturer, sole goods and authorized service provider for Benshaw products including soft starters variable frequency drives and switchgear products and services.	\$ 5,000.00	\$ -	\$ 8,028.00	\$ 3,320.00	
Blue-White	x			Original Equipment Manufacturer for chemical metering and dosing equipment.			\$ -	\$ -	\$ -	\$ -	
Brentwood Industries	x			Original Equipment Manufacturer for clarifier tank equipment and associated parts.			\$ -	\$ -	\$ -	\$ -	
C & M Environmental Technologies Inc.		x	x		Sole Original Equipment Manufacturer authorized service provider for Brentwood, WesTech, Environmental Dynamics International and SPIRAC products.	Sole authorized distributor for Brentwood, WesTech, Environmental Dynamics International and SPIRAC products. Sole authorized sales representative for WesTech sludge mixers and associated parts in Canada.	\$ 450,000.00	\$ -	\$ 21,376.88	\$ 86,831.29	

Parts, Supplies, Equipment and Services for the City of Hamilton Plant Operations and Plant Maintenance and Technical Services

Vendor Name	Original Equipment Manufacturer	Service	Distributor	Goods	Services	Distributor	Est. Annual \$ 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017	Comments
Can-Am Instruments Ltd.		x	x		Sole Original Equipment Manufacturer authorized service provider for Hach Flow & Sampling in Canada.	Sole authorized distributor of Hach Flow & Sampling products in Ontario.	\$ 20,000.00	\$ 1,958.34	\$ 13,955.76	\$ 22,082.60	
Cancoppas Limited		x	x		Sole Original Equipment Manufacturer authorized service provider for Aysix Technologies products, and GWF Technologies.	Sole authorized distributor for Aysix Technologies products in Canada, and GWF Technologies products in Ontario.	\$ 55,000.00	\$ 24,677.25	\$ 19,765.42	\$ 2,617.24	
Caterpillar Inc.	x			Original Equipment Manufacturer for engines, generators, controllers and associated parts for back-up power equipment.			\$ 25,000.00	\$ -	\$ -	\$ -	
Chemline	x			Original Equipment Manufacturer for pressure control devices, valves, control and regulation devices, piping, tubing and flow meters.			\$ -	\$ -	\$ -	\$ -	
Cla-Val	x			Original Equipment Manufacturer for specialty valves and flow monitoring.			\$ -	\$ -	\$ -	\$ -	
Conval Process Solutions Inc.			x			Sole authorized distributor for GA Industries products in Ontario.	\$ 50,000.00	\$ 23,618.45	\$ 13,709.00	\$ 14,400.72	
Crane Pumps And Systems Canada	x			Original Equipment Manufacturer for pumps and associated parts.			\$ -	\$ -	\$ -	\$ -	
Danfoss / Vacon	x			Original Equipment Manufacturer for Vacon soft starters and variable frequency drives.			\$ -	\$ -	\$ -	\$ -	
Devine & Associates Ltd.			x			Sole authorized distributor of Cla-Val products in Ontario.	\$ 50,000.00	\$ 22,324.00	\$ 4,216.00	\$ 7,751.86	
Dezurik	x			Original Equipment Manufacturer for valves.			\$ -	\$ -	\$ -	\$ -	
Directrik			x			Sole authorized distributor for Seepex, Vogelsang, Flowserve (including but not limited to Worthington, Pacific, Ingersoll-Rand, Byron Jackson, Durco, Innomag and Sihi) and Trillium Flow Technologies (WEMCO, WSP) products for the province of Ontario.	\$ 40,000.00	\$ 24,572.53	\$ -	\$ -	
Drive Centre		x	x		Original Equipment Manufacturer authorized service provider for AC drive systems including Danfoss, VLT and VACON brands.	Sole authorized distributor for for Danfos / VLT and Vacon drives.	\$ 20,000.00	\$ 11,845.60	\$ -	\$ -	
Eaton Industries Canada Company	x	x		Original Equipment Manufacturer parts for electrical distribution equipment covering Eaton Industries Canada, Cutler-Hammer, Westinghouse, Cooper, and Klockler Moller brand names. Parts include transformers, switchgear, breakers, relays/power meters, Ct's, Pt's, surge protectors and other associated electrical distribution parts.	Original Equipment Manufacturer authorized service provider for power distribution systems 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.		\$ 125,000.00	\$ 127,341.00	\$ 124,004.43	\$ 235,974.10	
Endress+Hauser	x			Original Equipment Manufacturer for process measurement and optimization monitoring equipment.			\$ -	\$ -	\$ -	\$ -	
Envirocan Wastewater Treatment		x	x		Sole Original Equipment Manufacturer 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.	\$ 40,000.00	\$ -	\$ 36,300.00	\$ 138,764.00	
Environmental Dynamics	x			Original Equipment Manufacturer for aeration diffusers and associated parts.			\$ -	\$ -	\$ -	\$ -	
Eramosa Engineering Inc.	x	x	x		Sole Original Equipment Manufacturer authorized service provider in North America for existing eRIS software users	Sole Original Equipment Manufacturer authorized service provider in North America for existing eRIS software users	\$ 350,000.00	\$ 90,331.64	\$ 430,455.47	\$ 612,110.71	
ESC Automation Inc.		x	x		Sole Original Equipment Manufacturer authorized service provider for Delta Controls products.	Sole authorized distributor for Delta Controls products.	\$ 50,000.00	\$ 43,937.00	\$ 82,887.00	\$ 46,458.00	

Parts, Supplies, Equipment and Services for the City of Hamilton Plant Operations and Plant Maintenance and Technical Services

Vendor Name	Original Equipment Manufacturer	Service	Distributor	Goods	Services	Distributor	Est. Annual \$ 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017	Comments
Evoqua Water Technologies Ltd (Formerly US Filter)	x		x	Original Equipment Manufacturer 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.	\$ 200,000.00	\$ 21,104.99	\$ 549,684.42	\$ 26,081.07	
Fag Bearings	x			Original Equipment Manufacturer for bearing as identified on motor name plates.			\$ -	\$ -	\$ -	\$ -	
Floval Equipment Ltd.		x	x		Sole Original Equipment Manufacturer authorized service provider for HydraTite Seal products.	Sole authorized distributor for BNW Valve, HydraTite Seal, DeZURIK Inc. (DeZURIK, APCO, Willamette, and Hilton) and Hebdraulique products.	\$ 10,000.00	\$ 14,000.00	\$ 19,723.00	\$ 588.73	
Flow Motion	x			Original Equipment Manufacturer for chemical metering equipment.			\$ -	\$ -	\$ -	\$ -	
Gerrie Electric Wholesale Limited		x	x	Original Equipment Manufacturer for electrical distribution equipment including transformers, switchgear, breakers, relays/power meters, Ct's, Pt's, surge protectors, motors and other associated distribution equipment.	Sole Original Equipment Manufacturer authorized service provider for Rockwell Automation, Allen Bradley, Endress+Hauser brand electrical distribution systems and parts,and Advantech SCADA OIT computer.	Sole authorized distributor for Rockwell Automation, Allen Bradley, and Endress+Hauser brand electrical distribution systems and parts.	\$ 135,000.00	\$ 135,000.00	\$ 126,582.97	\$ 7,633.48	
Golden Anderson	x			Original Equipment Manufacturer for valves and associated parts.			\$ -	\$ -	\$ -	\$ -	
Gorman Rupp	x			Original Equipment Manufacturer for pumps and associated parts.			\$ -	\$ -	\$ -	\$ -	
Gratec	x			Original Equipment Manufacturer for mixers and associated parts.			\$ -	\$ -	\$ -	\$ -	
Gray Matter Systems		x	x		Sole Original Equipment Manufacturer authorized service and support representative in Canada for GE Digital Software as well as being assigned as the Partner of Record to Service the City of Hamilton.	Sole authorized service and support representative in Canada for GE Digital Software as well as being assigned as the Partner of Record to Service the City of Hamilton.	\$ 22,500.00	\$ -	\$ -	\$ -	
Grundfos	x			Original Equipment Manufacturer for submersible pumps and related parts, and chemical dosing equipment.			\$ -	\$ -	\$ -	\$ -	
H2 Flow Equipment Inc.		x	x		Recommended Original Equipment Manufacturer service vendor (in order to maintain warranty provisions), for Trojan Ultra-Violet (UV) disinfection units and Digestor mixer equipment.	Recommended Original Equipment Manufacturer service vendor (in order to maintain warranty provisions), for Trojan Ultra-Violet (UV) disinfection units and Digestor mixer equipment.	\$ 50,000.00	\$ 29,287.25	\$ 26,511.31	\$ 25,768.75	
Hach Sales & Service LP	x	x	x	Original Equipment Manufacturer for regulatory analyzers, monitoring and control devices.	Original Equipment Manufacturer authorized service provider for repair, start-up service, warranty repair or maintenance on HACH instruments.	Original Equipment Manufacturer and sole source distributor for all Hach branded products.	\$ 165,000.00	\$ 89,537.75	\$ 73,963.28	\$ 89,869.32	
HCE Telecom Inc.		x	x		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.	\$ 10,000.00	\$ -	\$ -	\$ -	
Hidrostal Pumps	x		x	Original Equipment Manufacturer for pumps and associated parts.		Sole authorized distributor for Hidrostal and Bedford Pumps in Canada.	\$ 40,000.00	\$ -	\$ -	\$ -	
Hydroflow	x			Original Equipment Manufacturer for electronic water conditioners and associated parts.			\$ -	\$ -	\$ -	\$ -	
Hydromatic Pumps	x			Original Equipment Manufacturer for pumps and associated parts.			\$ -	\$ -	\$ -	\$ -	
Hydrovision (GWF Technologies)	x			Original Equipment Manufacturer for flow monitoring equipment.			\$ -	\$ -	\$ -	\$ -	
Indachem Inc		x	x		Sole Original Equipment Manufacturer authorized service representative for PolyBlend ® line of products, equipment and associated parts.	Sole authorized distributor for PolyBlend ® line of products, equipment and associated parts.	\$ 65,000.00	\$ -	\$ -	\$ -	
Flygt	x			Original Equipment Manufacturer for pumps and associated parts.			\$ -	\$ -	\$ -	\$ -	

Parts, Supplies, Equipment and Services for the City of Hamilton Plant Operations and Plant Maintenance and Technical Services

Vendor Name	Original Equipment Manufacturer	Service	Distributor	Goods	Services	Distributor	Est. Annual \$ 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017	Comments
John Brooks Company Limited		x	x		Sole Original Equipment Manufacturer authorized service provider for Vaughan Co. Inc. (including Chopper, Triton, and Rotomix brands).	Sole authorized distributor for Engineered Systems (Municipal) , Vaughan Co. Inc. (Chopper, Triton, Rotomix), Goulds Water Technology.	\$ 90,000.00	\$ 270.60	\$ 75,878.02	\$ 3,096.00	
John Crane	x	x	x	Original Equipment Manufacturer for seals, packing, couplings and associated parts.	Sole Original Equipment Manufacturer authorized service provider of John Crane products.	Original Equipment Manufacturer and sole goods distributor of John Crane products.	\$ 65,000.00	\$ 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.		\$ 50,000.00	\$ 40,000.00	\$ 40,894.00	\$ 132,000.29	
JWC Environmental - Muffin Monster	x			Original Equipment Manufacturer for grinders and associated parts.			\$ -	\$ -	\$ -	\$ -	
Krohne	x			Original Equipment Manufacturer for flow meters.			\$ -	\$ -	\$ -	\$ -	
KSB Pumps Inc. (Canada)	x	x	x	Original Equipment Manufacturer for pumps and associated parts.	Sole Original Equipment Manufacturer authorized service provider in Canada for all KSB manufactured pumps, valves, parts and service.	Original Equipment Manufacturer and sole goods provider in Canada for all KSB manufactured pumps, valves, parts and service.	\$ 150,000.00	\$ -	\$ 9,102.26	\$ -	
Lakeside Process Controls Ltd		x	x		Sole Original Equipment Manufacturer 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.	\$ 30,000.00	\$ 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.		\$ 20,000.00	\$ 18,500.00	\$ 9,800.00	\$ 9,361.05	
Link Belt	x			Original Equipment Manufacturer for bearings, seals and associated parts.			\$ -	\$ -	\$ -	\$ -	
Lonestar	x			Original Equipment Manufacturer 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.		\$ 30,000.00	\$ -	\$ -	\$ 33,178.69	
Mccrometer	x			Original Equipment Manufacturer for regulatory flow monitoring devices.			\$ -	\$ -	\$ -	\$ -	
Micro Pump	x			Original Equipment Manufacturer of pumps for regulatory water quality sampling systems and chemical metering equipment.			\$ -	\$ -	\$ -	\$ -	
Moyno Inc	x			Original Equipment Manufacturer for pumps, grinders and associated parts.			\$ -	\$ -	\$ -	\$ -	
MSA	x			Original Equipment Manufacturer for gas monitoring equipment, self contained breathing apparatus and confined space entry equipment.				\$ -	\$ -	\$ -	
Myers Pumps	x			Original Equipment Manufacturer for pumps and associated parts.			\$ -	\$ -	\$ -	\$ -	

Parts, Supplies, Equipment and Services for the City of Hamilton Plant Operations and Plant Maintenance and Technical Services

Vendor Name	Original Equipment Manufacturer	Service	Distributor	Goods	Services	Distributor	Est. Annual \$ 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017	Comments
NatPro - DXP			x			Sole authorized distributor for Pentair and Aurora products.	\$ -	\$ -	\$ -	\$ -	
Netsch	x			Original Equipment Manufacturer for pumps and associated parts.			\$ -	\$ -	\$ -	\$ -	
Nivus	x			Original Equipment Manufacturer for flow and level control equipment.			\$ -	\$ -	\$ -	\$ -	
Pentair	x			Original Equipment Manufacturer for Aurora, Aurora Fire, Fairbanks, Nijhuis, Layne-Vertiline, VTSH (vertical turbine solid handling) products and associated parts.			\$ -	\$ -	\$ -	\$ -	
Philadelphia Mixing Solutions	x			Original Equipment Manufacturer for mixers and associated parts.			\$ -	\$ -	\$ -	\$ -	
PMC Engineering	x			Original Equipment Manufacturer for level, pressure and process monitoring and control equipment.			\$ -	\$ -	\$ -	\$ -	
Pro Aqua Inc			x			Sole authorized distributor for Evoqua's Wastewater Treatment Group equipment.	\$ 175,000.00	\$ 2,080.70	\$ 110,566.68	\$ -	
Prominent	x			Original Equipment Manufacturer for regulatory water quality monitoring and disinfection equipment.			\$ -	\$ -	\$ -	\$ -	
Pulsar	x			Original Equipment Manufacturer for level monitoring equipment.			\$ -	\$ -	\$ -	\$ -	
Red Valve	x			Original Equipment Manufacturer for valves and associated parts.			\$ -	\$ -	\$ -	\$ -	
Rockwell Automation (Allen-Bradley)	x			Original Equipment Manufacturer for soft starters, variable frequency drives and SCADA components.			\$ -	\$ -	\$ -	\$ -	
Ro-Flo Compressors LLC	x			Original Equipment Manufacturer for compressors and associated parts.			\$ 30,000.00	\$ -	\$ 60,558.00	\$ -	
Rotork Controls (Canada) Ltd.	x	x	x	Original Equipment Manufacturer for actuators.	Original Equipment Manufacturer authorized service provider.	Original Equipment Manufacturer authorized distributor.	\$ 40,000.00	\$ 17,205.05	\$ 43,910.66	\$ 28,903.43	
S&C Electric Canada	x	x		Original Equipment Manufacturer for outdoor power distribution and control devices within S&C cabinets.	Original Equipment Manufacturer authorized service provider for outdoor power distribution and control devices within S&C cabinets.		\$ 10,000.00	\$ -	\$ -	\$ -	
SCG (Formerly Metcon Sales & Engineering Limited			x			Sole authorized distributor for Spencer Equipment, Watson Marlow Fluid Technology and ProMinent Canada products.	\$ 65,000.00	\$ 37,965.04	\$ 52,918.46	\$ 61,045.42	

Parts, Supplies, Equipment and Services for the City of Hamilton Plant Operations and Plant Maintenance and Technical Services

Vendor Name	Original Equipment Manufacturer	Service	Distributor	Goods	Services	Distributor	Est. Annual \$ 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017	Comments
Schneider Electric Canada	x	x		Original Equipment Manufacturer for for the power distribution system, soft starters and variable frequency drives including Shneider Electric, Federal Pioneer, and Square D brands. Original Equipment Manufacturer for ION Metering parts and relays.	Original Equipment Manufacturer authorized service provider for the power distribution system, soft starters and variable frequency drives including Shneider Electric, Federal Pioneer, Square D brands. Original Equipment Manufacturer authorized service provider for ION Metering parts and relays.		\$ 10,000.00	\$ -	\$ 10,874.44	\$ -	
Schweitzer	x	x		Original Equipment Manufacturer for protective relay and communications equipment associated with the power distribution system.	Original Equipment Manufacturer authorized service provider for protective relay and communications equipment associated with the power distribution system.		\$ 5,000.00	\$ -	\$ -	\$ -	
Schwing Bioset Inc	x		x	Original Equipment Manufacturer for biosolids equipment and associated parts.		Original Equipment Manufacturer and sole distributor of Schwing spare parts used on Schwing equipment.	\$ 25,000.00	\$ 230,598.16	\$ 26,132.50	\$ -	
Seepex	x			Original Equipment Manufacturer for pumps and associated parts.			\$ -	\$ -	\$ -	\$ -	Refer to Directrik
Siemens Canada Limited	x	x		Original Equipment Manufacturer for power distribution, soft starters and variable frequency drives.	Original Equipment Manufacturer authorized service provider for power distribution, soft starters and variable frequency drives.		\$ 20,000.00	\$ -	\$ 58,480.04	\$ 50,617.00	
Singer Valve	x			Original Equipment Manufacturer for valves and associated parts.			\$ -	\$ -	\$ -	\$ -	
SKF Bearings	x			Original Equipment Manufacturer for bearings as identified on motor name plates.			\$ 20,000.00	\$ 12,500.00	\$ -	\$ -	
Smart Turner Pumps Inc.	x		x	Original Equipment Manufacturer for pumps and associated parts.		Original Equipment Manufacturer and sole distributor of Smart Turner Pumps.	\$ 60,000.00	\$ -	\$ -	\$ -	
Smith & Loveless, Inc.	x		x	Original Equipment Manufacturer for pumps, grit classification systems and associated parts.		Original Equipment Manufacturer and sole distributor of Smith & Loveless products and equipment.	\$ 90,000.00	\$ 85,761.18	\$ 49,961.63	\$ 10,065.50	
Spaans Babcock	x		x	Original Equipment Manufacturer for screws, gear box and associated parts.		Original Equipment Manufacturer 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.	\$ 100,000.00	\$ 8,455.00	\$ 7,833.00	\$ 16,925.14	
SPD Sales Limited		x	x		Sole Original Equipment Manufacturer 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, Vega, and Xylem Brands (YSI IQ Sensornet, Royce Technologies & WTW products).	\$ 100,000.00	\$ 79,801.75	\$ 43,437.00	\$ 59,499.57	
Spirac	x			Original Equipment Manufacturer for grit handling augers and associated parts.			\$ -	\$ -	\$ -	\$ -	
SPX Flow	x			Original Equipment Manufacturer for mixer process systems and associated parts.			\$ -	\$ -	\$ -	\$ -	
SRP Control Systems Limited		x	x		Sole Original Equipment Manufacturer authorized service provider of Additel products in Canada.	Sole authorized distributor of Additel, PMC Engineering Legacy Series Industrial Pressure Transmitters, PMC Engineering VersaLine Series Submersible Depth and Level Sensors, and STS Series Precision Pressure Sensors in Canada.	\$ 30,000.00	\$ 16,215.00	\$ -	\$ -	
Suez Treatment Solutions Inc. (formerly Infilco Degremont)	x		x	Original Equipment Manufacturer for Climber Screen ®,and associated parts.		Original Equipment Manufacturer and sole distributor of Climber Screen ®, and associated parts.	\$ 80,000.00	\$ -	\$ 357,720.21	\$ 176,538.71	

Parts, Supplies, Equipment and Services for the City of Hamilton Plant Operations and Plant Maintenance and Technical Services

Vendor Name	Original Equipment Manufacturer	Service	Distributor	Goods	Services	Distributor	Est. Annual \$ 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017	Comments
Syntec Process Equipment Ltd.		x	x		Sole Original Equipment Manufacturer authorized service provider for Fontaine-Aquanox and Val-Matic products.	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.	\$ 225,000.00	\$ 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.	\$ 20,000.00	\$ -	\$ -	\$ 55,300.28	
Teledyne (ISCO)	x			Original Equipment Manufacturer for auto samplers.			\$ -	\$ -	\$ -	\$ -	
Toromont Industries Ltd.	x	x	x	Original Equipment Manufacturer for all parts pertaining to Power Distribution Back-up Generator systems.	Sole Original Equipment Manufacturer authorized service provider for CAT branded products and parts andback-up generator systems.	Sole authorized dealer for the sale of CAT branded products and parts.	\$ 30,000.00	\$ 1,094.34	\$ -	\$ -	
Transcat Inc		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.		\$ 20,000.00	\$ 16,844.00	\$ 21,835.34	\$ 15,847.54	
Trojan Technologies	x			Original Equipment Manufacturer for disinfection process equipment.			\$ -	\$ -	\$ -	\$ -	
Troy-Ontor Inc		x	x		Sole Original Equipment Manufacturer authorized service provider for Auma products in Canada.	Sole authorized distributor for Auma products in Canada.	\$ 45,000.00	\$ 19,431.92	\$ 29,897.00	\$ -	
Trueline	x			Original Equipment Manufacturer for valves and associated parts.			\$ -	\$ -	\$ -	\$ -	
UGSI Chemical Feed, Inc	x			Original Equipment Manufacturer 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			Original Equipment Manufacturer for pressure control and monitoring devices.			\$ -	\$ -	\$ -	\$ -	
Val-Matic	x			Original Equipment Manufacturer for valves and associated parts.			\$ -	\$ -	\$ -	\$ -	
Varec	x			Original Equipment Manufacturer for digester equipment and associated parts.			\$ -	\$ -	\$ -	\$ -	
Vaughan Pumps	x			Original Equipment Manufacturer for pumps and associated parts.			\$ -	\$ -	\$ -	\$ -	
Vega	x			Original Equipment Manufacturer for process control equipment.			\$ -	\$ -	\$ -	\$ -	
Wajax Industrial Components		x	x		Sole Original Equipment Manufacturer authorized service provider for Moyno Progressing Cavity Pumps in Ontario.	Sole authorized distributor for Moyno Progressing Cavity Pumps in Ontario.	\$ 200,000.00	\$ 23,845.51	\$ 325,401.64	\$ 14,323.32	

Parts, Supplies, Equipment and Services for the City of Hamilton Plant Operations and Plant Maintenance and Technical Services

Vendor Name	Original Equipment Manufacturer	Service	Distributor	Goods	Services	Distributor	Est. Annual \$ 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017	Comments
Wallace And Tiernan	x			Original Equipment Manufacturer for disinfection process equipment.			\$ -	\$ -	\$ -	\$ -	
Westech Industrial Ltd	x	x	x	Original Equipment Manufacturer for flame arresters and associated parts. OEM provider for WesTech sludge mixers and associated parts in Canada.	Sole Original Equipment Manufacturer authorized service provider for Emerson and Varec digeseter gas or biogas equipment in Canada.	Sole authorized sales representative for Emerson and Varec equipment for Emerson and Varec digeseter gas or biogas equipment in Canada.		\$ -	\$ 5,013.00	\$ -	
Xylem Canada Company		x	x		Sole Original Equipment Manufacturer authorized service provider for Flyght branded submersible pumps and mixers.	Sole authorized distributor of Flyght branded submersible pumps and mixers, and associated parts.	\$ 225,000.00	\$ 293,238.49	\$ 452,639.62	\$ 302,944.69	
YSI	x			Original Equipment Manufacturer for regulatory analyzers, monitoring and control devices.			\$ -	\$ -	\$ -	\$ -	
							\$ 4,368,000.00	\$ 1,865,951.26	\$ 3,963,769.82	\$ 2,496,018.52	

Parts, Supplies, Equipment and Services for Additional Hamilton Water Sections

Vendor Name	Manufacturer	Service	Distributor	Goods	Services	Distributor	Est. Annual \$ 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017	Comments
4IMAC INC		x			Technical support for the modification and upgrade of the existing INFOR EAM Computerized Maintenance System.		\$ 70,000.00	\$ 69,199.20	\$ 23,078.50	\$ 33,249.75	
AECOM Canada Ltd		x			Host and responsible vendor for the National Water Wastewater Benchmarking Initiative (NWWBI) across Canada.		\$ 50,000.00	\$ 49,895.00	\$ 49,895.00	\$ 37,421.00	
Devine & Associates Limited		x	x	Supply of water distribution system anti-stagnation valve (3/4" or 1" programmable timer valve), and associated parts and supplies.	Equipment and services to maintain existing water distribution system anti-stagnation valve (3/4" or 1" programmable timer valve).	Equipment and services to maintain existing water distribution system anti-stagnation valve (3/4" or 1" programmable timer valve).	\$ 75,000.00	\$ 174,531.74	\$ 279,231.58	\$ 88,730.50	
E.H. Wachs	x	x	x	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.	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.	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.	\$ 100,000.00	\$ 57,421.44	\$ 30,000.00	\$ 29,749.58	
Evans Utility & Municipal Products	x	x	x	Supply of Original Equipment Manufacturer spare parts, equipment and services for meter spacers of various sizes and red hed reducers, parts to assemble or create Fire Hydrant Meters (i.e. 2.5" Female Swivel by 3" MIPT Adapter), fabricated stands for Fire Hydrant Meters.	Supply of Original Equipment Manufacturer spare parts, equipment and services for meter spacers of various sizes and red hed reducers, parts to assemble or create Fire Hydrant Meters (i.e. 2.5" Female Swivel by 3" MIPT Adapter), fabricated stands for Fire Hydrant Meters.	Supply of Original Equipment Manufacturer spare parts, equipment and services for meter spacers of various sizes and red hed reducers, parts to assemble or create Fire Hydrant Meters (i.e. 2.5" Female Swivel by 3" MIPT Adapter), fabricated stands for Fire Hydrant Meters.	\$ 12,500.00	\$ 22,088.85	\$ 15,573.50	\$ 4,847.00	
Flowpoint Environmental Systems LP		x			Maintenance and upgrades to software which supports the City's Bulk Water Filling Stations to allow customers to create an account online and purchase water online.		\$ -	\$ -	\$ 12,575.00	\$ -	
Images Puppet Productions Inc.	x	x	x	Manufacturing and creative services (puppet creation, music creation, educational messaging, props and show recordings) for the Hamilton Water puppet shows.	Manufacturing and creative services (puppet creation, music creation, educational messaging, props and show recordings) for the Hamilton Water puppet shows.	Manufacturing and creative services (puppet creation, music creation, educational messaging, props and show recordings) for the Hamilton Water puppet shows.	\$ -	\$ 22,217.50	\$ 30,527.50	\$ 23,446.00	
Industrial Scientific Corporation	x	x	x	Supply of Original Equipment Manufacturer spare parts, equipment and services to maintain existing Ventis gas detectors and accessories used by Hamilton Water.	Supply of Original Equipment Manufacturer spare parts, equipment and services to maintain existing Ventis gas detectors and accessories used by Hamilton Water.	Supply of Original Equipment Manufacturer spare parts, equipment and services to maintain existing Ventis gas detectors and accessories used by Hamilton Water.	\$ 100,000.00	\$ 57,840.91	\$ 52,155.72	\$ -	
Infor Canada Ltd.	x		x	Licensing components, software vendors and support for the existing INFOR EAM Computerized Maintenance System.		Licensing components, software vendors and support for the existing INFOR EAM Computerized Maintenance System.	\$ 500,000.00	\$ 427,642.60	\$ 43,211.00	\$ -	
Kronos Inc.	x	x	x	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.	\$ 60,000.00	\$ 25,116.98	\$ 10,000.00	\$ 30,000.00	
Lannick Contract Solutions Inc.		x			Staffing agency support for GIS and Technical development systems.		\$ 60,000.00	\$ -	\$ -	\$ -	
Neptune Technology Group		x			Licensing components, support and maintenance for the existing software which supports the City's Automated Water Meter Infrastructure.		\$ -	\$ -	\$ 14,075.00	\$ -	
Pipeline Repair Services Inc.		x			Specialized pipeline repair services (6" to 48" linestop installations), for the City's water distribution system.		\$ 50,000.00	\$ -	\$ 56,500.00	\$ 42,120.00	

Parts, Supplies, Equipment and Services for Additional Hamilton Water Sections

Vendor Name	Manufacturer	Service	Distributor	Goods	Services	Distributor	Est. Annual \$ 2020	Annual Spent 2019	Annual Spent 2018	Annual Spent 2017	Comments
Van Essen Instruments - Canada	x	x	x	Supply of Original Equipment Manufacturer spare parts, equipment and support services to maintain existing water level and water quality dataloggers, including communication devices and cables.	Original Equipment Manufacturer spare parts, equipment and support services to maintain existing water level and water quality dataloggers, including communication devices and cables.	Original Equipment Manufacturer spare parts, equipment and support services to maintain existing water level and water quality dataloggers, including communication devices and cables.	\$ 20,000.00	\$ 24,355.50	\$ 30,000.00	\$ 11,050.11	
Voicenet Interactive Inc		x			Provision of mass outbound calling in the event of adverse water quality incidents and other water distribution and wastewater collection system notifications (e.g. Frozen Water Services, Backwater Valve Maintenance, Water Use Restrictions, etc.).		\$ 15,000.00	\$ -	\$ 10,000.00	\$ -	
							\$ 1,112,500.00	\$ 930,309.72	\$ 656,822.80	\$ 300,613.94	