



# City of Richmond

## Report to Committee

**To:** Finance Committee

**Date:** March 20, 2017

**From:** Jerry Chong  
Director, Finance

**File:** 02-0600-01/2017-Vol  
01

**Re:** 2016 Annual Procurement Report

### Staff Recommendation

That the staff report titled "2016 Annual Procurement Report", dated March 20, 2017 from the Director of Finance, be received for information.

Jerry Chong  
Director, Finance  
(604-276-4064)

REPORT CONCURRENCE	
CONCURRENCE OF GENERAL MANAGER 	
REVIEWED BY STAFF REPORT / AGENDA REVIEW SUBCOMMITTEE	INITIALS: 
APPROVED BY CAO 	

## Staff Report

### Origin

This report to Council is to provide information regarding the City's procurement activities during the 2016 calendar year and procurement metrics as recommended by the Auditor General for Local Government to all BC municipalities concerning Government Procurement Processes.

This report supports Council's 2014-2018 Term Goal #7 Strong Financial Stewardship:

*Maintain the City's strong financial position through effective budget processes, the efficient and effective use of financial resources, and the prudent leveraging of economic and financial opportunities to increase current and long-term financial sustainability.*

7.2. *Well-informed and sustainable financial decision making.*

7.3. *Transparent financial decisions that are appropriately communicated to the public.*

7.4. *Strategic financial opportunities are optimized.*

### Analysis

This procurement report covers the period from January 1, 2016 to December 31, 2016 and documents the City of Richmond's procurement activities. The scope of this report includes the City's procurement achievements and procurement statistics.

This report is the second since the implementation of the amended Procurement Policy 3104. The policy continues to provide a strong basis in enabling a practical, collaborative approach to supply management.

Effective management of the acquisition and flow of goods and services, which represent approximately 19% of the total City 5 Year Financial Plan Bylaw (2016-2020), is both operationally and financially significant in delivering City services. Through the implementation of leading procurement practice staff continues to improve procurement and inventory management operations at the City and delivers value for money for internal partners. Procurement continues its commitment to process transparency, improved vendor relations and heightened internal controls.

The City's Purchasing Section, working collaboratively with all City departments, successfully negotiated and awarded over \$142M worth of contracts for goods, services and construction in 2016. These contracts resulted in savings of \$13.9M in 2016 and will continue to generate savings over the multi-year terms of the contracts; achieved through deployment of procurement strategies such as consolidation of spend, competitive bidding and aggressive negotiation processes.

## 1. Procurement Achievements

In September 2015 Council approved an amended Procurement Policy 3104. The policy provides direction from Council for the procurement of goods and services for the City with respect to contract approval authority limits, contract signing authority and sustainable and ethical procurement.

Purchasing continues to focus on delivering value through performance utilizing effective processes and systems. Some of the key activities and achievements that have been realised, or directly contributed to, through the procurement process include:

- Outdoor Street Furniture – Purchasing initiated the Request For Proposal (RFP) process which included a cross functional City team that established a contract for a standardized suite of modern street furniture with Pattison Outdoor Advertising that will contribute to a 20-year revenue stream worth approximately \$2.5M.
- Traffic Signal Maintenance – Purchasing, working with the City's Transportation division, established a contract through the competitive bid process with Cobra Electric for the supply of traffic signal maintenance services that will benefit the City for the next five years.
- Through a Request for Expressions of Interest process (RFEOI), a partnership was established between Cressey Developments and Atira Women's Resource Society to operate and manage affordable housing units and a child care facility within the new *Cadence* Development by Cressey.
- Working with Richmond Fire Rescue, Purchasing initiated an RFP process for the supply and delivery of one Pumper Apparatus and one Quint Apparatus at a cost of approximately \$1.9M.
- An RFEOI process was conducted on behalf of the Lulu Island Energy Company (LIEC) to identify potential partners to design, build, finance, maintain and operate a District Energy Utility (DEU). The DEU is to provide long-term cost-competitive thermal energy to City Centre North (CCN) residents and businesses, while enhancing environmental performance. Based on the results of the RFEOI, LIEC shortlisted three respondents to compete in an RFP which is still ongoing.
- The city-wide purchasing card (pcard) program continues to provide value by simplifying the purchasing and payment process while lowering overall transaction and administrative costs per purchase. In 2016, 380 City pcard accounts produced over 16K transactions for a total spend of \$4.6M. This is an increase of 22% in purchase card spend over 2015 and resulted in a rebate of \$41K, received in 2017.

2. Procurement Statistics

The following are key procurement statistics for the period of January 1, 2016 to December 31, 2016:

Total Value of Purchase Order Contracts Awarded in 2016	\$142.8M
Total Value of Procurement Savings* from Contracts Awarded	\$13.9M
Competitive Contracts Administered	186
Purchase Orders Issued	4,119
Purchasing Card Expenditures	\$ 4.6M

\*Procurement savings represent a positive variance between current cost, anticipated cost or budget for goods, services and construction prior to the competitive bid process and the actual value at the time of contract award, for each procurement.

3. Strategic Sourcing

Strategic Sourcing is a systematic approach to managing the acquisition of goods, services and construction that matches internal partner needs with marketplace capabilities. Strategic sourcing focuses on long term supplier relationships with suppliers integral to the City’s organizational strategy. In 2016 a total of 164 strategic sourcing projects (attached) led to the award of over \$60M in contracts on behalf of all City departments.

**Financial Impact**

None

**Conclusion**

The amended Purchasing Policy 3104 adopted by Council in September 2015, along with the purchasing guidelines, continue to augment the City’s collaborative approach to strategic sourcing and strategic decision making on significant expenditures, increased compliance to policies and standardized systems and controls.

The emphasis for Purchasing in 2017 will be to continue to enhance operations through utilizing leading procurement and inventory management practices. Purchasing will finalize and implement updated competitive bid and contract documents that, together with a strategic collaborative approach to procurement, support the City’s operational and capital programs.

Syd Stowe  
Manager, Purchasing  
(604-276-4061)

Att. 1: Competitive Bid Awards 2016

Strategic Sourcing 2016

	<i>Contract Name and Description</i>	<i>Award</i>	<i>Amount</i>	<i>Division</i>
1.	5679F IT development work of automated collection and reporting of SOFI expenses for more timely and accurate reporting	Blackstone Consulting Group Inc	\$50,000	Finance & Corporate Services
2.	5676F Continuation of annual software license and support services for Tempest system; includes user licensing, training and technology releases, technical support, software and critical patch updates Feb. 1, 2016 - January 31, 2017	Tempest Development Group Inc	\$107,632	Finance & Corporate Services
3.	5675F KSB submersible motor pumps for No. 2 Road North Drainage Pump Station Upgrade Three (3)	KSB Pumps Inc.	\$269,820	Engineering & Public Works
4.	5673F Service Connection Site Assessment Design Services for Single Family Building Permit Applications	Kerr Wood Leidel	\$45,000	Engineering & Public Works
5.	5671Q Desktop computers	Island Key Computers	\$39,562	Finance & Corporate Services
6.	5670S Dell Maintenance	Dell Canada Inc	\$36,163	Finance & Corporate Services
7.	5669S Backup software support and subscription renewal	CDW Canada	\$25,600	Finance & Corporate Services
8.	5668S Dell R730 ESX host server	Turning Point	\$53,785	Finance & Corporate Services
9.	5667S Supply and Delivery of a John Deer Terrain Cut Commercial Front Mower	Prairie Coast Equipment Inc	\$32,334	Engineering & Public Works
10.	5666J 7400 River Road Mechanical Maintenance Improvements - 2016	Ashton Service Group	\$174,941	Engineering & Public Works
11.	5665CM Gymnastics/Rod & Gun Clubs Tenant Improvement Project	Stuart Olson subcontracted to ICE Development	\$975,053	Engineering & Public Works

Strategic Sourcing 2016

12.	5664F Software Maintenance contract renewal	Open Text Corporation	\$184,809	Finance & Corporate Services
13.	5663F Fixed Network System Service Provider Fee (January 2016 to June 2017)	Neptune Technology Group ( Canada ) Ltd.	\$35,000	Engineering & Public Works
14.	5662J PW2015.06.01 Multi-family water meter installation at 12639 No. 2 Road (4" mechanical room install)	Ashton Service Group	\$39,114	Engineering & Public Works
15.	5660J Buemann Barn Construction	Ventana Construction Corporation	\$345,861	Engineering & Public Works
16.	5654F Temporary AutoCAD design services for Single Family Service Connections	AECOM Canada Ltd	\$35,000	Engineering & Public Works
17.	5653F Emergency Repair Sanitary Sewer in Minoru Park	Performance Contracting Brighthouse Ltd	\$200,000	Engineering & Public Works
18.	5609Q Supply and Delivery of 6 (Six) 3/4 Ton Super Cab with 8 (Eight) Foot Box Truck	Dams Ford Lincoln Sales Ltd	\$191,576	Engineering & Public Works
19.	T.5597 No. 1 Box Culvert Rehabilitation (Westminster Highway to River Road)	P.W. Trenchless	\$1,993,312	Engineering & Public Works
20.	5586Q Supply and Delivery 1 (One) Regular Cab and Chassis with Utility Body and Crane	Work Truck West	\$229,594	Engineering & Public Works
21.	T.5583 Lockhart Rd, Marrington Rd, and Beecham Rd Upgrades	Performance Contracting Ltd.	\$1,856,438	Engineering & Public Works
22.	5564Q Supply and Delivery of 1 (One) Diesel Turf Tractor	Rollins Machinery	\$60,710	Engineering & Public Works
23.	5685F Detailed Design, Construction Services and Record Drawings for Underground Water Meter Installations at existing multi-family complexes	Parsons	\$48,000	Engineering & Public Works
24.	5684Q MAC/OAC Concrete Mix Design Review & Testing	Metro Testing Laboratories Ltd	\$50,775	Engineering & Public Works

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25.	5683F Consulting Services for Contract Administration and Inspection Services on Lansdowne Road Extension Project	Aplin & Martin Consultants Ltd.	\$91,795	Engineering & Public Works
26.	5678F BC Hydro Service Cost to relocate hydro poles on Lansdowne Road	BC Hydro & Power Authority	\$140,418	Engineering & Public Works
27.	5677Q Demolition of 4560/4562 Garden City Rd	3R Demolition Group	\$47,502	Engineering & Public Works
28.	5622P Horseshoe Slough Pump Station Upgrade	Associated Engineering (B.C.) Ltd.	\$474,671	Engineering & Public Works
29.	5621Q ADEU - Energy Transfer Station Upgrades	All-Pro Services Ltd.	\$183,837	Engineering & Public Works
30.	5709F Enhancements of RichmondBC Mobile App	Opacity Design Group	\$73,800	Finance & Corporate Services
31.	5708F Implementation of Single Customer Login Profile	Nulli Secundus Inc	\$64,000	Finance & Corporate Services
32.	5707P Pitney Bowes Mail Folder and Inserter Machine	Pitney Bowes	\$31,440	Finance & Corporate Services
33.	5702S Oracle Software Support Renewal- one month February	Oracle Canada ULC	\$25,672	Finance & Corporate Services
34.	5706S Oracle Software Support Renewal- one month March	Oracle Canada ULC	\$25,672	Finance & Corporate Services
35.	5701J Thompson Community Centre Improvement Works 2016	Ashton Service Group	\$92,429	Engineering & Public Works
36.	5697Q Pacifica Benches and Apex Receptacles for Railway Corridor	Forms+Surfaces	\$69,037	Community Services
37.	5696F The design and Construction of approximately 30m of center-swale complete with lane drainage fronting 9880 Seaton Court	Anderson Creek Site Developing LTD	\$34,619	Engineering & Public Works



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38.	5695Q Middleware project WO Integration	Blackstone Consulting Group Inc	\$44,000	Finance & Corporate Services
39.	5691F Secondment of inspector for Parks and Recreation Services	Aplin & Martin Consultants Ltd.	\$100,000	Engineering & Public Works
40.	5688S RSRI Enterprise Licence Agreement	ESRI Canada	\$140,000	Finance & Corporate Services
41.	5741F Project Management and Business Analysis Consulting Services to Implement a Corporate Health and Safety System	Howza Solutions Inc.	\$91,200	Finance & Corporate Services
42.	5740F Raised Murakami Houses Design for Flood Protection at Britannia Shipyards	Ratio Architecture Interior Design + Planning Inc	\$57,500	Engineering & Public Works
43.	5739F Design Services for Raising Dike/Boardwalk for Flood Protection at Britannia Shipyards	Dillon Consulting Ltd	\$38,000	Engineering & Public Works
44.	5736F Emergency repair of Collapsed Storm Sewer at Cook Road and Garden City Road	Hexcel Construction	\$200,000	Engineering & Public Works
45.	5735F Supply and Install LANDesk Modules *\$92,168.08 USD converted at April 2016 rate of 1.2548 =\$120,671.70 CAD*	Network Consulting Services	\$120,671	Finance & Corporate Services
46.	5733J Richmond Ice Centre - Flooring Replacement - Phase 2	Ashton Service Group	\$127,753	Engineering & Public Works
47.	5731CM Fire Hall No 3 - Connection to the District Energy Utility	Stuart Olson subcontracted to Hexcel Construction Ltd.	\$180,695	Engineering & Public Works
48.	5729F Supply and Delivery of Trimble Survey Equipment	Cansel	\$30,459	Engineering & Public Works
49.	5728S Oracle PeopleSoft 5 Year Software License & Support	Oracle Canada ULC	\$1,495,511	Finance & Corporate Services
50.	5727Q Fire Hall No 3 Network Equipment	Scalar Decisions Inc	\$28,362	Engineering & Public Works



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<b>51.</b>	5700P Replacement of Artificial Turf Field at Richmond High School	AstroTurf West Distributors Ltd.	\$395,000	Community Services
<b>52.</b>	5689Q Occupational 1st Aid (Level I and II) Training for City Employees	Care Institute of Safety & Health Inc	\$28,800	Human Resources
<b>53.</b>	5680P Consulting Services for No. 7 Rd South Drainage Pump Station Upgrade	Associated Engineering (B.C.) Ltd.	\$412,518	Engineering & Public Works
<b>54.</b>	5674Q On Call Painting Services	Imperial Painting Ltd	\$40,000	Engineering & Public Works
<b>55.</b>	5655P Design Build Services for (Jessie) Wowk Neighborhood Park Playground Equipment	MacDonald & Lawrence Timber Framing Ltd	\$100,000	Community Services
<b>56.</b>	T.5636 Bridgeport Overpass Deck Rehabilitation	Giffels Westpro Constructors Inc.	\$464,262	Engineering & Public Works
<b>57.</b>	5629P Consulting Services - 2016 Drainage and Irrigation Upgrades	Opus DaytonKnight Consultants Ltd.	\$276,846	Engineering & Public Works
<b>58.</b>	5628P Civil Engineering Consulting Services for Donald Road Local Area Service Project	McElhanney Consulting Services Ltd	\$116,369	Engineering & Public Works
<b>59.</b>	5539Q Supply and Delivery of 1 (One) Tandem Axle Cab and Chassis C/W Dump Box and Front Plough	Peterbilt Pacific Inc	\$271,594	Engineering & Public Works
<b>60.</b>	5570Q On Call Roofing Contractor	Cambie Roofing	\$250,000	Engineering & Public Works
<b>61.</b>	5760EOI Offsite Storage Needs Assessment	Process Four	\$38,760	Finance & Corporate Services
<b>62.</b>	T.5692 Canal Stabilization at No. 3 Road	Terracanna Foundation Solutions	\$403,075	Engineering & Public Works
<b>63.</b>	5745F Supply and install rain gauges	Kerr Wood Leidal	\$31,800	Engineering & Public Works

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64.	5746Q Building Envelope Repairs at Administration Building at Public Works Yard: Operable Windows	MA-Eng Tech Construction Inc	\$46,700	Engineering & Public Works
65.	5747CM Pre-Construction Services for Buswell Street Gravity Sewer Installation	Stuart Olson Construction	\$26,521	Engineering & Public Works
66.	5748Q Alexandra District Energy Utility - Fire Alarm Expansion	Viking Fire Protection	\$28,680	Engineering & Public Works
67.	5750S Infor (HANSEN) 2016 Annual Support Contract Renewal July 1, 2016 - June 30, 2017	Infor Canada Ltd	\$98,155	Finance & Corporate Services
68.	5751CM Fire Hall # 3 - Energy Transfer Station	Stuart Olson Construction subcontracted to Hexcel Construction and Alpha Mechanical	\$240,173	Engineering & Public Works
69.	5753CM Pre-Construction Services for Horseshoe Slough Drainage Pump Station	Stuart Olson Construction	\$46,007	Engineering & Public Works
70.	5755CM Fire Hall No 1 Construction	Stuart Olson Construction – Prime Contractor Multiple subcontractor awards through Stuart Olson	\$15,408,079	Engineering & Public Works
71.	5756S City Hall Datacenter UPS, Battery and Capacitor replacement	Eaton Industries (Canada) Company	\$34,876	Finance & Corporate Services
72.	5758S Oracle database licence and support May 30, 2016 to May 29, 2017 (year 1 of 5)	Oracle Canada ULC	\$33,266	Finance & Corporate Services
73.	5759S Technical consulting services	Tempest Development Group Inc	\$100,000	Finance & Corporate Services
74.	5760Q Quantum i80 LTO6 Tape	Scalar Decisions Inc	\$49,478	Finance & Corporate Services
75.	5782F Software Consulting Services for On-line City Grant Application System	Mountain Interactive Inc	\$30,000	Finance & Corporate Services
76.	5781F ADEU Phase 3 Engineering Services	Kerr Wood Leidel & Associates	\$49,875	Engineering & Public Works

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77.	5779Q Garratt Wellness Centre - Architectural Design Services	DGBK Architects	\$43,320	Engineering & Public Works
78.	5778Q City Hall Ballast and Lighting Upgrades	Commercial Lighting	\$116,495	Engineering & Public Works
79.	5776Q Recruitment Services	Ravenhill Group Inc.	\$45,000	Human Resources
80.	5775F Identity Management and Single Sign on Software Infrastructure	Forgerock	\$30,910	Finance & Corporate Services
81.	5774Q South Arm Community Centre Upgrades Architectural Services	Shape Architecture	\$47,388	Engineering & Public Works
82.	5773Q Programming and Commissioning of the Controls Logic for the ADEU SmartREIT Energy Plant	Houle Electric	\$56,460	Engineering & Public Works
83.	5769F ADEU Phase 3 Upgrades	Corix Utilities Inc.	\$33,113	Engineering & Public Works
84.	5764J Lapidary Studio and Kiln Room Renovation at Library and Cultural Center	ICE Development Ltd	\$127,466	Engineering & Public Works
85.	5763Q Fire Hall # 3 Audiovisual Equipment	PJS Systems Inc	\$28,420	Engineering & Public Works
86.	5762CM Pre-Construction Services for No 7 Road South Drainage Pump Station	Stuart Olson Construction	\$49,412	Engineering & Public Works
87.	5761J Steveston Outdoor Pool Liner Replacement	Ashton Service Group	\$302,357	Engineering & Public Works
88.	5730P Provision of Engineering Inspection Consulting	Aplin & Martin Consultants Ltd.	\$250,000	Engineering & Public Works
89.	5672P Provision of Carbon Assessment Consulting Services for the Richmond Northeast Bog Forest	3Greentree	\$33,700	Engineering & Public Works
90.	5540P Garden City Lands - Design Consulting Services	PWL Partnership Landscape Architects	\$520,000	Community Services

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91.	5832Q Demolition. site clearing, 9120 Williams Road	D Litchfield Demolition	\$46,377	Community Services
92.	5831Q House demolition 9420 Alberta Road	Guest Excavating Ltd.	\$39,675	Community Services
93.	5830CM Construction Services for Beckwith and Gage Road Watermain Upgrades	Stuart Olson Construction subcontracted to Hexcel Construction Ltd	\$466,026	Engineering & Public Works
94.	5829CM Pre-Construction Services for Eckersley B Sanitary Pump Station and Spires Area Utilities Upgrades	Stuart Olson Construction	\$71,306	Engineering & Public Works
95.	5828F Sponsorship Inventory Asset Valuation	The Partnership Group	\$60,000	Finance & Corporate Services
96.	5822S TIBCO Middleware and Integration Platform System Annual Support and Maintenance	Tibco	\$62,383	Finance & Corporate Services
97.	5820Q Fire Hall 3 Wifi Supply and Install	Smartedge Networks	\$39,541	Engineering & Public Works
98.	5819J Minoru East Arena Re-Roofing Phase 1	ICE Development Ltd	\$89,032	Engineering & Public Works
99.	T.5786 4 Road and Tuttle Avenue Storm Culvert Replacement	King Hoe Excavating Ltd.	\$403,293	Engineering & Public Works
100.	5784Q Supply and Delivery of Access Points and Licences	X10 Networks	\$121,714	Finance & Corporate Services
101.	T.5766 Donald Road Local Area Service Program	Eurovia British Columbia Inc.	\$769,913	Engineering & Public Works
102.	5443P Firewall and Network Security Upgrade	Long View Systems Corporation	\$275,882	Finance & Corporate Services
103.	5863Q CAT6 Data Cabling and Fiber for WiFi and VoIP at Richmond Ice Centre	Plan Group	\$56,400	Finance & Corporate Services
104.	5855F #1220 Interurban Tram Car restoration - removal and disposal of hazardous materials	Pro Active Hazmat & Environmental	\$45,455	Community Services

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105.	5854Q MS SQL server	Softchoice	\$63,910	Finance & Corporate Services
106.	5853Q Dell Power Edge	CDW Canada	\$64,604	Finance & Corporate Services
107.	5851J Gateway Theatre - Carpet Replacement	Ventana Construction Corporation	\$77,030	Engineering & Public Works
108.	5850F Materials for emergency repair to drainage box culvert in the 6000 block No. 2 Road	Langley Concrete Limited Partnership	\$181,500	Engineering & Public Works
109.	5848J Watermania Boiler Upgrade and Wave Pool Heat Exchanger Installation - Phase 1	ICE Development Ltd	\$54,826	Engineering & Public Works
110.	5847F Rehabilitation of No. 2 Road and London Road intersection	Performance Contracting Brighthouse Ltd	\$48,208	Engineering & Public Works
111.	5846Q Centralized Paging	PJS Communications	\$39,254	Finance & Corporate Services
112.	5845Q Anderson Room Audio Visual Upgrade	PJS Communications	\$64,169	Finance & Corporate Services
113.	5844F Conduct surveys of onsite residential and visitor parking at 9 developments near Canada Line stations	ISL Engineering	\$25,000	Planning & Development
114.	5777P Provision of Actuarial Review of Post-Employment Benefit Obligation	Mercer	\$36,000	Finance & Corporate Services
115.	5742Q On Call Repair and Service of Generators	Simson Maxwell	\$55,000	Engineering & Public Works
116.	5867S Various Fire hoses and associated parts	WFR Wholesale Fire & Rescue Ltd.	\$29,779	Law & Community Services
117.	5866CM Minoru Sanitary Pump Station Replacement	Stuart Olson Construction Ltd subcontracted to Hexcel Construction	\$1,541,285	Engineering & Public Works
118.	5861F Richmond World Festival 2016: Stage Production Services	Briere Production Group Inc	\$39,300	Community Services

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119.	5860Q Library Cultural Centre - DDC Upgrade Project 2016	ESC Automations Inc	\$121,453	Engineering & Public Works
120.	5859CM MAC/OAC No 3 & 4 - Millwork, Ceiling/Wall Coverings, Door/Hardware, Finishes, Equipment, Controls/Security, Painting and Landscaping	Stuart Olson Construction Ltd – Prime Contractor. Multiple sub-contractor awards through Stuart Olson.	\$16,374,458	Engineering & Public Works
121.	5858S Supply and Install Two Bounce Mats at Garden City Community Park Playground	Rec-Tec Industries	\$36,238	Community Services
122.	5838Q No 2 Rd South Drainage Box Culvert Repair No 2 Road between Walton Road and Christina Road	Merletti Construction (1999) Ltd	\$1,014,000	Engineering & Public Works
123.	5817P - Provision of Civil Engineering Consulting Services for Belair Drive Laneway Drainage Upgrades	Dillon Consulting Ltd.	\$132,923	Engineering & Public Works
124.	5816P Provision of Civil Engineering Consulting Services for Thompson Gate PRV Station and Hamilton Area Sanitary Pump Stations	R.F. Binnie & Associates	\$229,130	Engineering & Public Works
125.	5812P No 2 Rd South Drainage Pump Station	Aplin & Martin Consultants Ltd.	\$396,345	Engineering & Public Works
126.	5811P Shell Rd North Drainage Pump Station	Aplin & Martin Consultants Ltd.	\$374,290	Engineering & Public Works
127.	5893Q 2016 Chevrolet Colorado 4wd Ext cab unit 1840	Dueck Richmond Chevrolet Buick Cadillac	\$30,886	Engineering & Public Works
128.	5892F DEU Post-commissioning services	Kerr Wood Leidel & Associates	\$42,600	Engineering & Public Works
129.	5890Q Fitness Equipment	Stak Fitness	\$68,065	Community Services
130.	5886F SAN Storage for City Hall and Work Yard	Dell Canada Inc	\$70,355	Finance & Corporate Services

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<b>131.</b>	5885F Trimble Nomad 900B units and Advantage II Probes for Neptune Water Meter reading	Fred Surridge Ltd.	\$36,514	Engineering & Public Works
<b>132.</b>	5884Q Watermania Controlled Entrance System	Gunnebo Canada Inc	\$88,804	Engineering & Public Works
<b>133.</b>	5883Q FORD Transit 350 Low Roof Passenger Wagon - MODEL X2Z	Brown Bros Ford Lincoln Sales & Service	\$36,106	Law & Community Services
<b>134.</b>	5882F Vermeer Brand Brush Chipper for Parks	Westerra Equipment Ltd	\$87,500	Community Services
<b>135.</b>	5881P Recruitment Services - Manager, Inspections	Davies Park Executive Search Consultants	\$31,400	Human Resources
<b>136.</b>	5880F Watermania Heating Plant Optimization Project	Trane Canada ULC	\$68,925	Engineering & Public Works
<b>137.</b>	5875Q Consulting Services PeopleSoft 9.2 Upgrade Reapply Customizations	Blackstone Consulting Group Inc	\$65,800	Finance & Corporate Services
<b>138.</b>	5873Q Recruitment Services - General Manager Law & Community Safety	Ravenhill Group Inc.	\$37,500	Human Resources
<b>139.</b>	5870Q Civil Engineering Consulting Services for 7000 Block No 4 Road Pavement Rehabilitation	R.F. Binnie & Associates	\$45,988	Engineering & Public Works
<b>140.</b>	5835EOI City of Richmond Solar PV Feasibility Study Reporting	Energy Canvas Ltd.	\$41,180	Engineering & Public Works
<b>141.</b>	5827P City of Richmond Micro Sewer Energy Recovery Feasibility Study	Kerr Wood Leidal	\$176,653	Engineering & Public Works
<b>142.</b>	5826Q Supply and Delivery of 1 (One) 1/2 (Half) Ton Double Cab Truck	Dueck Richmond GM	\$28,178	Engineering & Public Works
<b>143.</b>	5687EOI PeopleSoft HCM 9.2 Upgrade	Blackstone Consulting Group Inc	\$616,800	Finance & Corporate Services
<b>144.</b>	5914F Renewal Subscription for online Training/ Risk Management	Global Risk Innovations	\$42,147	Law & Community Services



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<b>145.</b>	5909F Odour Best Management Practices Review	Dillon Consulting Limited	\$37,000	Engineering & Public Works
<b>146.</b>	5908F Britannia Heritage Shipyard - Washroom Addition within Seine Net Loft Building	Ratio Architecture Interior Design + Planning Inc	\$39,425	Engineering & Public Works
<b>147.</b>	5906J Canada 150 Grant - LCC Library Launch Pad	ICE Development Ltd	\$206,212	Engineering & Public Works
<b>148.</b>	5905CM Britannia Heritage Shipyard - Flood Protection Improvements 2016	Stuart Olson Construction Ltd subcontracted to ALM2 Marine Ltd and Merletti Construction Ltd	\$1,265,746	Engineering & Public Works
<b>149.</b>	5904J Canada 150 Grant - Garratt Wellness Improvements 2016	Ashton Service Group	\$376,579	Engineering & Public Works
<b>150.</b>	5903CM Granville Avenue and City Centre Utility Upgrades	Stuart Olson Construction Ltd subcontracted to Hexcel and Stuart Olson	\$1,568,322	Engineering & Public Works
<b>151.</b>	5901S Three Automated CPR Devices and Accessories	Physio Control	\$43,584	Law & Community Services
<b>152.</b>	5900Q Railway Greenway Phase 2 - Ecological Enhancement Planting	Peel's Nursery	\$64,291	Community Services
<b>153.</b>	5899F Supplementary PeopleSoft Consulting Services	Blackstone Consulting Group Inc	\$85,000	Finance & Corporate Services
<b>154.</b>	5897Q 6 Light duty Kia Soul vehicles RFR	Kia West	\$110,466	Law & Community Services
<b>155.</b>	5895Q London Heritage Farm House - Kitchen Upgrades	Gentile's Cabinets Plus Ltd	\$37,800	Engineering & Public Works
<b>156.</b>	5894F Supply and Delivery of One Single Drum Vibratory Roller	Sunbelt Rentals	\$89,000	Engineering & Public Works
<b>157.</b>	5856Q Supply and Delivery of Bulk Road Salt 2016/2017	Mainroad Maintenance Products	\$75,000	Engineering & Public Works
<b>158.</b>	T.5837 Construction Services for Graybar Road Drainage and Sanitary Main Replacement	Performance Contracting Ltd.	\$354,854	Engineering & Public Works

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<b>159.</b>	5824Q Supply and Delivery of Two (2) 3/4 Ton Super Cab with 8 Foot Box Truck	Dams Ford Lincoln Sales Ltd	\$72,526	Engineering & Public Works
<b>160.</b>	5823Q Supply and Delivery of 3(Three) Walk thru Vans	Metro Motors	\$331,066	Engineering & Public Works
<b>161.</b>	5808Q Supply and Delivery of 1 (One) Ton Regular Cab Dump Truck with Crane	WorkTruck West	\$115,719	Engineering & Public Works
<b>162.</b>	5606Q Supply and Delivery of 1 (One) Water Utility Work Truck	Metro Motors	\$86,563	Engineering & Public Works
<b>163.</b>	5605Q Supply and Delivery of One (1) Walk Thru Van	Dams Ford Lincoln Sales Ltd	\$95,468	Engineering & Public Works
<b>164.</b>	5576Q Supply and Delivery of 1 (One) Full Size Front Wheel Drive High Roof 1 (One) Ton Single Rear Wheel Cargo Van	O'Conner Dodge Chrysler Jeep	\$70,262	Engineering & Public Works