



# City of Richmond

## Report to Committee

**To:** Finance Committee

**Date:** March 19, 2018

**From:** Jerry Chong  
Director, Finance

**File:** 02-0600-01/2017-Vol  
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**Re:** 2017 Annual Procurement Report



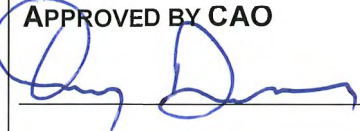
### Staff Recommendation

That the staff report titled "2017 Annual Procurement Report", dated March 19, 2018 from the Director of Finance, be received for information.

For =

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

Att. 1

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 2017 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:

- 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, 2017 to December 31, 2017 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 third 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 11% of the total City 5 Year Financial Plan Bylaw (2017-2021), is both operationally and financially significant in delivering City services. Purchasing continues to utilize leading procurement practices thereby ensuring procurement and inventory management operations at the City delivers value for money for internal partners. Purchasing promotes 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 \$87M worth of contracts for goods, services and construction in 2017. These contracts resulted in savings of \$4.5M in 2017 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, 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:

- No. 2 Road London Road to Steveston Highway Multi use Pathway, Roadway Widening, Intersection Upgrades and Box Culvert Rehabilitation. Purchasing, working with City Engineering staff, successfully tendered this work with a value of \$6.7M.
- Spires Area Utility Upgrades. Purchasing, working with City Engineering staff, successfully tendered this work with a value of \$3M.
- Hollybridge Pier Construction. Purchasing, working with City Community Services staff, successfully tendered this work with a value of \$1.7M.
- Dell PowerEdge Servers. Purchasing, working with City Information Technology staff, successfully tendered these goods with a value of \$500K.
- Cambie City Centre Park. Purchasing, working with City Community Services staff, successfully tendered this work with a value of \$2.9M.
- 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 2017, City pcard accounts produced over 18,500 transactions for a total spend of \$5.5M. This is an increase of 19% in purchase card spend over 2016 and will result in a rebate of approximately \$40K, to be finalized and received in 2018.

## 2. Procurement Statistics

The following are key procurement statistics for the period of January 1, 2017 to December 31, 2017:

Total Value of Purchase Order Contracts Awarded in 2017	\$87M
Total Value of Procurement Savings* from Contracts Awarded	\$4.5M
Competitive Contracts Administered	246
Purchase Orders Issued	3,689
Purchasing Card Expenditures	\$ 5.5M
Average P-card transaction value	\$300

*\*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. Council Approved Contracts

Council approval for Purchasing contracts follows Bylaw No. 8215 - Officer and General Manager. Examples of Purchasing contracts approved by Council in 2017 are:

- Contract 5807Q – Supply and Delivery of Two Tandem Axle Cab and Chassis with Dump Box and Front Ploughs for \$583,680.
- Contract 5757 EOI – Recycling Depot Container Collections and Recycling Services for \$160,998.
- Contract 5951P - Digital Strategy Integration Services for \$670,000.
- Contract 5952P – Customer Web Portal Implementation for \$495,000
- Contract 5869P – On Call Heating/Venting Contractor for \$600,000
- Contract 5862 EOI – Animal Shelter Operations and Animal Control Agreement for \$645,000
- Contract 5732P - Supply and Delivery of 1 (One) Pump Apparatus and 1 (One) Quint Fire Apparatus for Richmond Fire Rescue (RFR) for \$1,945,332

### 4. 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 2017 a total of 246 strategic sourcing projects (Att. 1) led to the award of over \$58.6M in contracts on behalf of all City departments.

### **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 2018 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 Council's term goal of strong financial stewardship through the City's operational and capital programs.

March 19, 2018

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FOR:

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

Att. 1: Competitive Bid Awards 2017

JC:

## Att. 1: Strategic Sourcing 2017

	<i>Contract Name and Description</i>	<i>Award</i>	<i>Amount</i>	<i>Division</i>
1.	5947F Construction of approximately 32m of lane, including drainage and lighting	Anderson Creek Site Developing LTD	\$30,000	Engineering & Public Works
2.	5946F Webs Ax Security System Upgrade	Safe & Sound Security Systems Ltd	\$79,521	Engineering & Public Works
3.	5942F Consultant Services to Upgrade Tempest System to Version 8	Tempest Development Group Inc	\$48,000	Finance & Corporate Services
4.	5940F PeopleSoft 9.2 Upgrade Developer Support	Blackstone Consulting Group Inc	\$82,800	Finance & Corporate Services
5.	5939S Telus 2017 Maintenance for Voice Enterprise Network	Telus Communications	\$66,480	Finance & Corporate Services
6.	5934Q Extreme networks support renewal 2017	X10 Networks	\$43,865	Finance & Corporate Services
7.	5933S Dell direct server maintenance	Dell Canada Inc	\$31,822	Finance & Corporate Services
8.	5932S Port Agent for Ships to Shore 2017 - Kaiwo Maru - Richmond Canada 150 Celebration	ACGI Shipping Inc.	\$146,066	Community Services
9.	5931CM Buswell Street Gravity Sewer Installation	Stuart Olson Construction Ltd	\$2,830,048	Engineering & Public Works
10.	5930Q Proofpoint support contract renewal	Ion Secured Networks	\$33,163	Finance & Corporate Services
11.	5929Q VMware Vsphere esxi horizon Support and Subscription	Dell Canada Inc	\$37,086	Finance & Corporate Services
12.	5927F Consulting Services for a Comprehensive Building Assessment of Richmond Ice Centre	Dialog BC Architecture Engineering	\$29,500	Engineering & Public Works
13.	5925S 2017 Software Maintenance Contract Renewal	Open Text Corporation	\$184,810	Finance & Corporate Services
14.	5924F Temporary AutoCAD design services for Single Family Service Connections	AECOM Canada Ltd	\$50,000	Engineering & Public Works

15.	5922S Exhibition Cases for use in Richmond Museum and City Hall Lobby	D Jensen & Associates Ltd	\$180,400	Community Services
16.	5919F Supply and Installation of Key Card Access to all Doors at the Works Yard	Safe & Sound Security Systems Ltd	\$187,240	Engineering & Public Works
17.	5915S Annual support and Maintenance for Hansen GeoAdministrator and 3 additional licences	Infor Canada Ltd	\$40,500	Finance & Corporate Services
18.	5913S Instructional Materials for Minoru and Watermania	Canadian Red Cross	\$26,000	Community Services
19.	5910F Consulting Services for Fitness Renovation at South Arm Community Centre	SHAPE Architecture Inc	\$110,250	Engineering & Public Works
20.	5891EOI Consulting Services to perform an Economic Impact Assessment for the Richmond Olympic Oval	KPMG	\$39,818	Finance & Corporate Services
21.	5795P Provision of Carbon Assessment Consulting Services for the Richmond Northeast Bog Forest	AMEC Foster Wheeler Environment & Infrastructure	\$59,424	Engineering & Public Works
22.	5765Q Janitorial Services - Watermania	GDI Services (Canada) LP	\$90,668	Community Services
23.	T.5983 Supply of Garbage Containers and Garbage Collection Services - City Facilities	Maple Leaf Disposal Ltd.	\$66,407	Engineering & Public Works
24.	5982F Dell Server Maintenance	Dell Canada Inc.	\$30,402	Finance & Corporate Services
25.	5981F Box Culvert Repair on No 2 Rd between Steveston Hwy and London Rd	Mar-Tech Underground Services Ltd	\$50,000	Engineering & Public Works
26.	5980S Supply and Install a Radio Frequency Identification (RFID) Police Inventory Asset Tracking (PIAT) at the Richmond RCMP Detachment	TVL Inc	\$27,323	Law & Community Services
27.	5979S Annual Software License and Support Services for Tempest System	Tempest Development Group Inc	\$108,962	Finance & Corporate Services

28.	5964J Watermania - Removal & Replacement of Emergency Generator	ICE Development Ltd	\$46,533	Engineering & Public Works
29.	5957F Enhanced Community Participation in Organics Recycling & Related Initiatives	Dillon Consulting Inc	\$94,074	Engineering & Public Works
30.	5956F Maintenance at Terra Nova Playground	MacDonald & Lawrence Timber Framing Ltd	\$49,633	Community Services
31.	5955S CSDC Amanda Annual Support Contract Renewal	CSDC Systems Inc.	\$69,078	Finance & Corporate Services
32.	5954J 6100 Woodward Rd Multi-Family Water Meter Installation	Ashton Service Group	\$135,732	Engineering & Public Works
33.	5950S Cleaning, stabilizing, repair and/or restoration of historical artefacts due to flood at Museum	Fraser Spafford Ricci Art & Archival Conservation	\$142,840	Community Services
34.	5948J Richmond Ice Centre - Heat Recovery System Optimization	ICE Development Ltd	\$56,245	Engineering & Public Works
35.	5944F Project Management Services for Job Order Contracting (JOC) Projects	The Gordian Group	\$225,000	Engineering & Public Works
36.	5941F Best Practises Assessment of City Clerk's Office	KPMG	\$29,000	Finance & Corporate Services
37.	5876S PeopleSoft License and Support services	Oracle Canada ULC	\$299,102	Finance & Corporate Services
38.	5865EOI Event Production Services - Ships to Shore Kaiwo Maru Festival	John Donnelly & Associates Event	\$80,000	Community Services
39.	5732P Supply and Delivery of 2 Fire Apparatus for RFR	WFR Wholesale Fire & Rescue Ltd.	\$1,945,332	Law & Community Services
40.	5998Q Minoru Place Building Assessment and Re-Purposing Costing	DGBK Architects	\$26,790	Engineering & Public Works
41.	5996S Supply installation of a prefabricated concrete washroom building - Terra Nova Play Environment	Rectec Industries Inc	\$177,268	Community Services
42.	5995F Identity Synchronization Module Internal software license subscription	Forgerock	\$29,285 *\$22,050(*USD converted to CAD*)	Finance & Corporate Services
43.	5992F Supply and Delivery	Smith Cameron	\$115,140	Engineering &

	of 2 (two) Automatic Irrigation Slide/Flap Gates	Process Solutions		Public Works
44.	5991F Fire Fighter Candidate Assessment	B. Leiren Associates Inc.	\$102,175	Law & Community Services
45.	5986F Emergency Repairs for RFR Unit 976	Western Star & Sterling Trucks	\$43,260	Law & Community Services
46.	5985F Consulting Services - Network Architecture	Nettraffic Technologies Consulting Inc	\$75,000	Finance & Corporate Services
47.	5977S TELUS User Collaboration/VoIP POC	Telus Communications Company Ltd	\$121,956	Finance & Corporate Services
48.	5974S Facilitator 2017 Supervisory Skills Program	BCIT	\$25,200	Corporate Administration
49.	5973F Google search license	Onis Networking Canada	\$33,000	Finance & Corporate Services
50.	5972Q Janitorial Services - Libraries (Brighthouse, Cambie and Ironwood)	Lifestyle Maintenance Ltd	\$74,636	Community Services
51.	5971J South Arm Community Centre - Phase 1 - Roof & HVAC Upgrades	Ventana Construction Corporation	\$829,709	Engineering & Public Works
52.	5970Q Board Replacement at Richmond Ice Centre Gardens Arena	CascadiaSport Systems	\$81,600	Engineering & Public Works
53.	5969J Richmond Ice Centre - Players Bench Flooring Replacement (JOC)	ICE Development Ltd	\$48,660	Engineering & Public Works
54.	5967J Watermania - Heating Plant Upgrade and Optimization Phase 2	ICE Development Ltd	\$138,163	Engineering & Public Works
55.	5921P City Centre District Energy Utility – Feasibility Study for Early Development In-Building Boiler Program	Integral Group	\$55,300	Engineering & Public Works
56.	5888EOI Solid Waste/Recycling Proposal for Communications and Education Consultant	Mickelson Consulting Inc.	\$50,000	Engineering & Public Works
57.	5874P Consulting Services - West Cambie Neighborhood Park Concept Plan	PWL Partnership Landscape Architects	\$135,042	Community Services
58.	5871P Pavement Data Collection	Englobe	\$110,871	Engineering & Public Works
59.	5840P Provision of Civil Engineering Consulting Services for 2017 Traffic Calming, Multi-Use	Opus International Consultants Ltd.	\$207,031	Engineering & Public Works

	Pathway, Arterial Roadway and Transit Related Roadway Improvements			
60.	5839P Provision of Civil Engineering Consulting Services for 2017 South Dike Upgrades	Opus International Consultants Ltd.	\$244,274	Engineering & Public Works
61.	5807Q Supply and Delivery of 2 (Two) Tandem Axle Cab and Chassis C/W Dump Box and Front Ploughs	Peterbilt Pacific Inc	\$583,680	Engineering & Public Works
62.	6017Q Oracle s7-2 servers	RCR Technologies Inc.	\$79,729	Finance & Corporate Services
63.	6015F Supply Electrical Fuel Monitoring System	Western Oil Services Ltd	\$54,000	Engineering & Public Works
64.	6014Q Information Technology Consulting - Hansen Upgrade	Robert Half Technology	\$36,000	Finance & Corporate Services
65.	6013F Environmental Consulting Services for the Intersection Upgrades at Gilley Road and Westminster Highway	Pottinger Gaherty Environmental Consultants Ltd	\$40,060	Engineering & Public Works
66.	6011Q Wood Stave Culvert filling No. 2 Road South of Andrews Road	PW Trenchless Construction	\$30,500	Engineering & Public Works
67.	6010F Purchase of Three Storage Containers	ContainerWest	\$31,000	Law & Community Services
68.	6008CM Park Road Watermain and Drainage Upgrades	Stuart Olson Construction Ltd subcontracted to Performance Contracting Ltd	\$609,142	Engineering & Public Works
69.	6007F Phase II - Second floor addition, burning bed prop and window flame bar for Lafarge Training Site	Propane Depot Inc	\$26,262	Law & Community Services
70.	6006F Design and Engineering of Energy Transfer Station and Service Connection for Spark - 4033 May Dr.	FVB Energy Inc.	\$46,400	Engineering & Public Works
71.	6005S Annual Software License and Support Services - 01-April 2017 - 31 December 2017	PerfectMind Inc.	\$131,277	Finance & Corporate Services
72.	6001F To port the RichmondBC Mobile App	Opacity Design Group	\$63,000	Finance & Corporate

	from IOS to Android			Services
73.	6000F Program Registration and Facility Booking Implementation Services and Support	PerfectMind Inc.	\$267,000	Finance & Corporate Services
74.	5953P Minoru Park Latrace Field High Mast Netting System	Netex Canada Netting Inc.	\$286,513	Community Services
75.	5917P Supply & Delivery of Ten Portable Generators (Assorted) - Split Award	United Rentals \$348,000.00 Simon-Maxwell \$68,235.00 Sunbelt Rentals \$112,416.00	\$528,651	Engineering & Public Works
76.	T.5836 Williams Road Storm Sewer Construction from Parsons Road to Sheridan Road	Performance Contracting Ltd.	\$853,827	Engineering & Public Works
77.	5744Q On Call Pest and Rodent Contractor	Terminex Canada	\$50,000	Engineering & Public Works
78.	6049Q City Hall Space Planning - Consulting Services	DGBK Architects	\$45,500	Engineering & Public Works
79.	6046J 9151 No.5 Road Multi-Family Water Meter Installation	Ashton Service Group	\$57,168	Engineering & Public Works
80.	6045S Software support and maintenance	Avolve Software	\$33,864	Finance & Corporate Services
81.	6044S Customer profile identity platform software	Forgerock*\$48,500 (*USD converted to CAD*)	\$51,916 *\$38,000(*USD converted to CAD*)	Finance & Corporate Services
82.	6043S Oracle license for two test servers	Oracle Canada ULC	\$29,940	Finance & Corporate Services
83.	6039J Minoru Arena Re-Roofing & Envelope Repair Project 2017	ICE Development Ltd	\$775,798	Engineering & Public Works
84.	6038S Infor Public Sector (Hansen) 2017 Annual Support Contract Renewal July 1, 2017 to June 30, 2018	Infor Canada Ltd	\$107,652	Finance & Corporate Services
85.	6037F CoR Peace Arch Drainage Pump Station Precondition Survey and Vibration Monitoring in Conjunction with BC Hydro Work for George Massey	Aplin & Martin Consultants Ltd.	\$34,400	Engineering & Public Works

	Tunnel Transmission Line Replacement Project			
86.	6036S Supply and Delivery of Anderson Room Chair Replacement	Heritage Office Furnishings	\$62,099	Engineering & Public Works
87.	6035J 7360 River Road Structural Repair	ICE Development Ltd	\$170,040	Engineering & Public Works
88.	6034F Remove underground overhead lines and poles 9728 Alexandra Road	BC Hydro & Power Authority	\$229,022	Engineering & Public Works
89.	6033F Removal of underground overhead lines - 9728 Alexandra Road	Shaw Cablesystems Ltd.	\$27,981	Engineering & Public Works
90.	6032F Engineering Construction Services Drainage Upgrades at Westminster Highway and Gilley Road	Kerr Wood Leidel & Associates	\$82,461	Engineering & Public Works
91.	6031Q 7080 River Road - Partial Re-Roof Sections A-C	Homan Roofing Ltd.	\$208,434	Finance & Corporate Services
92.	6029F 2017 Richmond Maritime Festival Production Services	Anigraph Productions Ltd.	\$120,925	Community Services
93.	6028S Active Network (CLASS) Annual Support and Maintenance	The Active Network	\$82,250	Finance & Corporate Services
94.	6026F Conservation Consultation Services - Interurban Tram Car #1220	Jaud'arts	\$74,250	Community Services
95.	6024Q Supply and Delivery for 2 (Two) 2017 Kia Souls	Kia West	\$37,875	Law & Community Services
96.	5987F 2017 Sidewalk and Roadway Weed Control Treatments	Western Weed Control (1980) Ltd	\$124,000	Community Services
97.	5945P Optimal Resource Deployment of Emergency Services Project	ORH	\$69,150	Law & Community Services
98.	5935EOI Estimating services for capital building project development	Altus, BTY, Hanscomb	\$150,000	Engineering & Public Works
99.	5928P Provision of Engineering Inspection Services	Aplin & Martin Consultants Ltd. \$100,000 Maven Consulting Limited \$100,000	\$200,000	Engineering & Public Works
100.	5923P Hollybridge Pier Construction	Fraser River Pile & Dredge Inc.	\$1,859,034	Community Services
101.	5918P Provision of Invasive	Green Admiral	\$200,000	Engineering &

	Species Plant Removal Services			Public Works
<b>102.</b>	5911Q On Call Glazing Contractor	Extreme Glazing	\$40,000	Engineering & Public Works
<b>103.</b>	5767P Provision of Engineering Consulting Services for Water Model Update	MMM Group Limited/WSP Group Company (MMM/WSP)	\$40,685	Engineering & Public Works
<b>104.</b>	5757EOI Recycling Depot Container Collection and Recycling Services	Cascades Canada ULC (\$26,460) Super Save Disposal Group (\$134,538)	\$160,998	Engineering & Public Works
<b>105.</b>	6068F AutoCAD design services for Single Family Service Connections	Kerr Wood Leidel & Associates	\$40,000	Engineering & Public Works
<b>106.</b>	6066F Conceptual Design of Integrated Sewer Heat and Grease Recovery Facility	Kerr Wood Leidel & Associates	\$54,009	Engineering & Public Works
<b>107.</b>	6065Q Gateway Theatre Condition Assessment	Bingham Hill Architects	\$25,950	Engineering & Public Works
<b>108.</b>	6064CM Apparatus Bay Floor Coating at Fire Hall # 3	Stuart Olson Construction subcontracted to StonCar Group	\$79,441	Engineering & Public Works
<b>109.</b>	6063J South Arm Community Centre Phase II Fitness Upgrades - Demolition	Ventana Construction Corporation	\$122,694	Engineering & Public Works
<b>110.</b>	6062F Microsoft Software Licensing	Softchoice LP	\$202,167	Finance & Corporate Services
<b>111.</b>	6060F Scott Parts and Supplies for SCBA	Guillevin International Co	\$25,000	Law & Community Services
<b>112.</b>	6059S Garden City Lands Hydroseeding Supplies	Premier Pacific Seeds	\$45,036	Engineering & Public Works
<b>113.</b>	6058S Reinstatement of BC Hydro Connections at Minoru Park	BC Hydro & Power Authority	\$82,876	Engineering & Public Works
<b>114.</b>	6056S Integration Discovery Phase	PerfectMind Inc.	\$37,500	Finance & Corporate Services

<b>115.</b>	6055J London Farm Outbuilding Rehabilitation	Ventana Construction Corporation	\$250,250	Engineering & Public Works
<b>116.</b>	6054J Provincial Court Roof Replacement	ICE Development Ltd	\$386,662	Engineering & Public Works
<b>117.</b>	6053Q Richmond Lawn Bowling Club Feasibility Study	Ratio Architecture Interior Design	\$29,470	Engineering & Public Works
<b>118.</b>	6051F Recruitment Services - Senior Project Manager for Project Development, Engineering	Harbour West Consulting Inc.	\$25,603	Engineering & Public Works
<b>119.</b>	6022Q Supply and Delivery of 1 (One) Full Size Front Wheel Drive High Roof 1 (One) Ton Single Rear Wheel Cargo Van with Locksmith Package	Maple Ridge Chrysler Jeep Dodge	\$54,444	Engineering & Public Works
<b>120.</b>	6004P Cultural Harmony Strategy	MS Consulting	\$44,000	Community Services
<b>121.</b>	5989P Consulting Services to develop an Urban Forest Management Strategy	Diamond Head Consulting	\$143,707	Community Services
<b>122.</b>	5959Q Supply and Delivery of 3 (Three) Gang Mower Implements	AR Mower & Supply Ltd	\$121,004	Engineering & Public Works
<b>123.</b>	5916Q Supply and Delivery of Self Contained Breathing Apparatus Systems for Richmond Fire Rescue	Guillevin International Co	\$243,375	Law & Community Services
<b>124.</b>	5878Q Supply and Delivery of 1 (One) 230 Gallon Crack Sealing Trailer	PSE Equipment Ltd	\$100,004	Engineering & Public Works
<b>125.</b>	T.5868 Construction Services for Cambie City Centre Park	Cedar Crest Lands (BC) Ltd.	\$2,922,745	Community Services
<b>126.</b>	6097F Lulu Island Dike Master Plan - Phase 3	Kerr Wood Leidel & Associates	\$198,806	Engineering & Public Works
<b>127.</b>	6096Q City Hall Server Room AC Replacement and Design	Morrison Hershfield	\$38,800	Engineering & Public Works

<b>128.</b>	6095Q Library Cultural Centre Boiler Upgrade	Prism Engineering	\$47,000	Engineering & Public Works
<b>129.</b>	6090Q Canada 150 Modular Seating	Three Dimensional Services Inc.	\$92,000	Community Services
<b>130.</b>	6089F Recruitment Services – Fire Chief	Davies Park Executive Search Consultants	\$56,000	Law & Community Services
<b>131.</b>	6088Q Re-Roofing of 7400 River Road	Homan Roofing Ltd.	\$389,445	Finance & Corporate Services
<b>132.</b>	6087Q City Hall Boiler Options Evaluation and Upgrade Design	Dialog BC Architecture Engineering	\$26,480	Engineering & Public Works
<b>133.</b>	6086CM EVT Bay Floor Profiling & Coating at Fire Hall 3	Stuart Olson Construction Ltd	\$92,534	Engineering & Public Works
<b>134.</b>	6085P Arts Strategy and Cultural Facilities Needs Assessment	Patricia Huntsman Culture + Communication in partnership with Nordicity	\$66,195	Community Services
<b>135.</b>	6084F Multistation functional training equipment	Life Fitness	\$27,801	Community Services
<b>136.</b>	6083F Maintenance of four children's water play features	Purtech Service Group	\$27,159	Community Services
<b>137.</b>	6081J South Arm Community Centre Phase II Fitness Upgrades - Construction	Ventana Construction Corporation	\$1,079,481	Engineering & Public Works
<b>138.</b>	6080J City Hall Domestic Water Piping Upgrade	Ashton Mechanical	\$382,559	Engineering & Public Works
<b>139.</b>	6079J Exhibit Drug Storage Mechanical Upgrade at the Community Safety Building	Ashton Mechanical	\$95,339	Engineering & Public Works
<b>140.</b>	6078F RCMP Community Service Building Chiller Replacement	Trane Canada ULC	\$158,850	Engineering & Public Works
<b>141.</b>	6076Q Inspection, repair and restoration of the existing railway winch operating system at the	Commodore's Boats	\$26,240	Community Services

	Britannia Heritage Shipyards building			
<b>142.</b>	6074Q Britannia Seine Net Loft Washroom Facilities	Penta Builders Group Inc	\$373,000	Engineering & Public Works
<b>143.</b>	6073S Contract Administration Services at Richmond Olympic Oval - Base Building Upgrade Project	Dialog BC Architecture Engineering	\$30,500	Engineering & Public Works
<b>144.</b>	6072F Heat Pump Replacement at Japanese Cultural Center	Airon Heating and Air Conditioning Ltd	\$44,262	Engineering & Public Works
<b>145.</b>	6071F Building Condition Assessment at Warehouse located on 12040 Horseshoe Way	DGBK Architects	\$27,600	Engineering & Public Works
<b>146.</b>	6070Q Supply and Delivery of Fire Hall No 1 Network Equipment	Scalar Decisions Inc	\$30,731	Engineering & Public Works
<b>147.</b>	6069J Mechanical Design for the RCMP Community Safety Building - Heat Replacement Pump Replacement Project	Ashton Service Group	\$28,904	Engineering & Public Works
<b>148.</b>	6067Q Painting - Steveston Interurban Tram #1220	Heritage Painting & Decorating	\$67,500	Community Services
<b>149.</b>	T.6041 Britannia Heritage Shipyard Flood Protection Improvements	Merletti Construction (1999) Ltd	\$1,421,505	Engineering & Public Works
<b>150.</b>	6003P Provision of Universal Fixed based Deployment for Water Meter Reading	Neptune Technology Group (Canada) Ltd.	\$994,200	Engineering & Public Works
<b>151.</b>	5990P Consulting Services to develop a Branding and Marketing Strategy for the Minoru Complex	Ion Brand Design	\$30,000	Community Services
<b>152.</b>	5988EOI Consulting Services to develop the Strategic Business Plan for the Britannia Shipyards National Historic Site	Nordicity	\$47,548	Community Services
<b>153.</b>	5958P Dike Masterplan Phase 3	KWL	\$198,806	Engineering & Public Works

<b>154.</b>	5920P PeopleSoft HCM and Financials Single Sign-on Technical Consulting Services	Simeio Solutions Canada Inc.	\$213,400	Finance & Corporate Services
<b>155.</b>	5862EOI Animal Shelter Operations and Animal Control Services 2 year term	Regional (Richmond) Animal Protection Society	\$645,000	Community Services
<b>156.</b>	5852P On Call Plumbing Contractor	Ashton Mechanical and PJB Mechanical	\$165,000	Engineering & Public Works
<b>157.</b>	5479P Provision of Janitorial Services for Various City of Richmond Facilities	Nutech Facility	\$130,620	Engineering & Public Works
<b>158.</b>	6118Q Richmond World Festival - Security	Genesis Security Group	\$40,000	Community Services
<b>159.</b>	6117Q Harvestfest - Production Services	Anigraph Productions Ltd.	\$49,500	Community Services
<b>160.</b>	6116Q Tree Removal - Dike Fronting 7611 No. 9 Road	Fireball Excavating	\$79,750	Engineering & Public Works
<b>161.</b>	6115S Oracle PeopleSoft Financials & HCM License Expansion	Oracle Canada ULC	\$73,877	Finance & Corporate Services
<b>162.</b>	6113P Design – Build Services For Richmond Nature Park Playground Expansion	Kinsol Timber Systems Ltd.	\$148,280	Community Services
<b>163.</b>	6112F Mattress Recycling Program	Canadian Mattress Recycling Inc.	\$45,000	Engineering & Public Works
<b>164.</b>	6111F Peace Arch Pump station settlement geo investigation	Thurber Engineering	\$25,000	Engineering & Public Works
<b>165.</b>	6109Q Alexandra District Energy Utility - Distribution Piping System Extension Design	Kerr Wood Leidel & Associates	\$35,500	Engineering & Public Works
<b>166.</b>	6108Q - Recruitment Services - General Manager, Community Services	Davies Park Executive Search Consultants	\$59,460	Deputy CAO
<b>167.</b>	6106F PCI Compliancy V3.2 Assessment Consulting	Herjavec Group	\$30,000	Finance & Corporate Services

<b>168.</b>	6105F Investing, costing, designing and Contract Admin services at Minoru Chapel for envelope repair works and interior subfloor installation	RATIO Architecture Interior Design & Planning Inc	\$34,775	Engineering & Public Works
<b>169.</b>	6103F Recruitment Services -Manager, Human Resources Strategic Projects	Davies Park Executive Search Consultants	\$36,220	Deputy CAO
<b>170.</b>	6102Q 2017 OpenText Edocs DM 16 Upgrade - professional services	Concerta Consulting Inc.	\$36,000	Finance & Corporate Services
<b>171.</b>	6093F Technology for the management of network addressing, including network services	X10 Networks	\$104,538	Finance & Corporate Services
<b>172.</b>	6092F New Animal Shelter Feasibility Study	OMB Architects	\$48,000	Engineering & Public Works
<b>173.</b>	6091F Outfitting of Promaster Van Unit 1818	Sterling Fleet Outfitters Inc.	\$29,049	Engineering & Public Works
<b>174.</b>	6048P Provision of Civil Engineering Consulting Services for Hamilton Sanitary Pump Station.	Aplin & Martin Consultants Ltd	\$205,238	Engineering & Public Works
<b>175.</b>	5999Q Supply and Delivery of Pool Chemicals	Brenntag Canada Inc Cleartech Industries Inc DB Perks and Associates	\$138,533	Community Services
<b>176.</b>	5997P Consulting Services to Develop an Inventory of Parks Assets for GIS	Geographic Technologies Group	\$147,700	Community Services
<b>177.</b>	5978EOI Supply and Delivery of Dell PowerEdge Servers	Turning Point Technology Services Inc	\$444,018	Finance & Corporate Services
<b>178.</b>	5965Q Lease of 2 (Two) High-Speed Multi-Functional Devices (MFDs)	Konica Minolta	\$276,919	Deputy CAO
<b>179.</b>	5963Q Supply and Delivery of 1 (One) 19,500 lb Regular Cab & Chassis Truck with Dual Rear Wheels	Metro Motors	\$123,604	Engineering & Public Works

<b>180.</b>	5951P Digital Strategy Integration	Radical I/O	\$670,000	Finance & Corporate Services
<b>181.</b>	5952P Customer Web Portal Implementation	Radical I/O	\$495,000	Finance & Corporate Services
<b>182.</b>	5912Q On Call Elevator Contractor	West Coast Elevator	\$65,000	Engineering & Public Works
<b>183.</b>	5825Q Supply and Delivery of 1 (One) Walk Thru Van	Dams Ford Lincoln Sales Ltd	\$173,890	Engineering & Public Works
<b>184.</b>	6136Q Recruitment Services – Manager, Policy Planning	Davies Park Executive Search Consultants	\$42,000	Deputy CAO
<b>185.</b>	6135F Renewal of Maintenance and Support for Storage Area Network Equipment at City Hall and Worksydard	Dell Canada Inc	\$80,972	Finance & Corporate Services
<b>186.</b>	6130 Co-Op Corporate Buildings Exterior Lighting Retrofit	Commercial Lighting	\$83,856	Engineering & Public Works
<b>187.</b>	6129CM MAC/OAC - TP7 Audio Visual Systems and Equipment	Stuart Olsen Construction Ltd subcontracted to PJS Systems	\$329,913	Engineering & Public Works
<b>188.</b>	6126F Consulting services for ProjectDox Software System for Engineering Planning	Avolve Software	\$42,926	Finance & Corporate Services
<b>189.</b>	6125Q MS and Windows server licenses for two DM sql servers	Turning Point Technology Services Inc	\$33,601	Finance & Corporate Services
<b>190.</b>	6124Q Charlie Picnic Tables for Richmond Oval Plaza	Landscape Forms Inc.	\$68,904	Community Services
<b>191.</b>	6123F City Hall Annex Phase 2- 3rd Floor Production Centre Design and Renovation	Assembly Architecture	\$47,200	Engineering & Public Works
<b>192.</b>	6122J City Hall Annex Space Planning - Records Area	Ashton Service Group	\$74,245	Engineering & Public Works

<b>193.</b>	6120Q Nature Park House and Pavilion User Requests and Building Upgrades	MA-Eng Tech Construction Inc	\$33,897	Engineering & Public Works
<b>194.</b>	6082P Design – Build Services For Rideau Neighbourhood Park Playground	Habitat Systems Inc	\$108,136	Community Services
<b>195.</b>	6057P Provision of Civil Engineering Consulting Services for 2017 South Dike Upgrades	Opacity Design Group	\$464,250	Engineering & Public Works
<b>196.</b>	5577Q Supply, Delivery and Installation of 66,000 LB GVWR Crane and 22' Flat Deck Body Components	Falcon Equipment	\$148,230	Engineering & Public Works
<b>197.</b>	6152F City Hall Interface Carpet Tile	InterfaceFlor	\$32,850	Engineering & Public Works
<b>198.</b>	6151F Communications Services - Airport Zoning Regulations	Laura Balance Media Group	\$50,000	Deputy CAO
<b>199.</b>	6150F Recruitment Services - Deputy Fire Chief	Davies Park Executive Search Consultants	\$35,000	Deputy CAO
<b>200.</b>	6149F Energy Benchmarking Reporting Technology	Open Green Building Society	\$41,165	Engineering & Public Works
<b>201.</b>	6148Q West Richmond Community Centre - Exterior Stucco Repair	MA-Eng Tech Construction Inc	\$46,624	Engineering & Public Works
<b>202.</b>	6147S Supply and Delivery of 2 (two) Terrain Cut Commercial Front Mowers	Prairie Coast Equipment Inc	\$67,753	Engineering & Public Works
<b>203.</b>	6146S Various Highwater Hoses	WFR Wholesale Fire & Rescue Ltd.	\$43,743	Law & Community Services
<b>204.</b>	6145J Chiller Replacement Project at RCMP Community Safety Building (CSB)	Ashton Service Group	\$194,723	Engineering & Public Works
<b>205.</b>	6144S One (1) Kubota F3990 Commercial Front Mount Mower	Avenue Machinery	\$33,920	Engineering & Public Works
<b>206.</b>	6143CM TP6 Minoru Precinct Site Work - Construction Management	Stuart Olson Construction Ltd subcontracted to Hexcel	\$4,317,556	Engineering & Public Works

		Construction and North by North West & Concord		
<b>207.</b>	6139Q Consulting Services for Accessibility Design Guidelines and Technical Specifications for City Owned Facilities	S.R. McEwen Architect	\$35,000	Engineering & Public Works
<b>208.</b>	6138Q Brighthouse Park Fieldhouse Roofing Project	Broadway Roofing Co Ltd	\$122,120	Engineering & Public Works
<b>209.</b>	6137Q Peace Arch Pump Station and Dike Remediation Works	Matcon Excavation and Shoring Ltd	\$379,000	Engineering & Public Works
<b>210.</b>	6104P Provision of Civil Engineering Consulting Services for 2017 South Dike Upgrades	Aplin & Martin Consultants Ltd.	\$327,474	Engineering & Public Works
<b>211.</b>	6050P Provision of Municipal Audit Services over 3 years	KPMG	\$194,800	Finance & Corporate Services
<b>212.</b>	6040P Consultant Services - River Parkway Gilbert Rd to Cambie Rd	R.F. Binnie & Associates	\$598,923	Engineering & Public Works
<b>213.</b>	5962P Supply and Delivery of Stationery Generators	Simson-Maxwell	\$250,205	Engineering & Public Works
<b>214.</b>	5938EOI Steveston Community Centre Feasibility Consultant	HDR CEI Architecture Associates, Inc.	\$231,750	Engineering & Public Works
<b>215.</b>	6160Q Recruitment Services – Program Coordinator, Development	Davies Park Executive Search Consultants	\$33,500	Deputy CAO
<b>216.</b>	6158S Fixed Network System Service Provider and Annual Hosting Fee (June 2017 to June 2018)	Neptune Technology Group (Canada) Ltd.	\$32,000	Engineering & Public Works
<b>217.</b>	6157F Engineering Services - Minoru Arena Ice Plant Upgrades	Bradley Refrigeration	\$32,800	Engineering & Public Works
<b>218.</b>	6156Q Traffic Counting and Classification Project	Transtech Data Services	\$32,024	Engineering & Public Works
<b>219.</b>	6140Q Supply and Delivery of Bulk Road Salt	Mainroad Maintenance Products	\$180,000	Engineering & Public Works

<b>220.</b>	6121Q Garden City and Odlin Road Intersection SB Left-Turn Bay Construction	B.A. Blacktop Ltd.	\$152,541	Engineering & Public Works
<b>221.</b>	6094P Provision of Civil Engineering Consulting Services to Update the Flood Protection Management Strategy	Kerr Wood Leidal	\$149,988	Engineering & Public Works
<b>222.</b>	6077P Civil Engineering Consulting Services for Broadmoor Neighbourhood Laneway Drainage Upgrades	R.F. Binnie & Associates	\$226,973	Engineering & Public Works
<b>223.</b>	T.6052 Spires Area Utility Upgrades	Performance Contracting Ltd	\$2,984,850	Engineering & Public Works
<b>224.</b>	6016F Supply and Delivery of 1 (One) Peterbilt Cab and Chassis	Peterbilt Pacific Inc	\$162,986	Engineering & Public Works
<b>225.</b>	5869P On Call HVAC Contractor	Airon Heating and Air Conditioning	\$600,000	Engineering & Public Works
<b>226.</b>	6184S CN Rail construction works Nelson Road South of Blundell Road	Canadian National Railway Company	\$518,323	Engineering & Public Works
<b>227.</b>	6183S CN Rail construction works Westminster Highway - East of No. 9 Road	Canadian National Railway Company	\$822,653	Engineering & Public Works
<b>228.</b>	6181F Emergency repair service, parts, equipment and tools for our specialized Fire Apparatus equipment	Profire	\$50,000	Law & Community Services
<b>229.</b>	6180J Annex Building-Production and 3rd Floor Shell Space 2017	Ashton Service Group	\$996,765	Engineering & Public Works
<b>230.</b>	6178Q Recruitment Services - Manager, Purchasing	Davies Park Executive Search Consultants	\$33,000	Deputy CAO
<b>231.</b>	6177F Open PO for emergency repair service (sublets)	Commercial Truck Equipment Co.	\$30,000	Law & Community Services
<b>232.</b>	6176Q Brighthouse Library 2nd Floor Lounge	MA-Eng Tech Construction Inc	\$97,301	Engineering & Public Works

233.	6175S 3 Automated CPR Devices and accessories	Physio-Control Canada Sales	\$43,585	Law & Community Services
234.	6174S Supply and Delivery of Turn Out Gear - 2018	Associated Fire and Safety	\$109,149	Law & Community Services
235.	6173 Direct Digital Control Upgrade - Fire Hall No. 4	ESC Automation Inc	\$51,910	Engineering & Public Works
236.	6172F 3 Amaca PA4 800-540/1008XTG1 Submersible Axial Flow Propeller pumps for Horseshoe Slough Drainage Pump Station Upgrades project	KSB Pumps Inc.	\$290,097	Engineering & Public Works
237.	6171S Phase 1 - Desktop study and design of laboratory experiments	Groundwater Technology	\$30,114	Engineering & Public Works
238.	6170Q 20 ft. lunchroom/first aid container	Bigsteelbox Corporation	\$25,400	Engineering & Public Works
239.	6169Q Truck chargers for Thermal Imaging Cameras	Associated Fire and Safety	\$37,482	Law & Community Services
240.	6168Q Garden City Lands Plants	Peel's Nursery	\$65,343	Community Services
241.	6166F Design and Engineering of Energy Transfer Station and Service Connection for Trafalgar Square 9500 Tomicki Avenue	FVB Energy Inc.	\$42,400	Engineering & Public Works
242.	6164S Identity Management and Single Sign on Software Infrastructure renewal	Forgerock	\$60,693 *\$48,500 (*USD converted to CAD*)	Finance & Corporate Services
243.	6163F Garden City Lands - KPU Agricultural Drainage Design	Tetra Tech Canada Inc.	\$68,934	Community Services
244.	T.6023 No. 2 Road, London Road to Steveston Highway: Multi-Use Pathway, Roadway Widening, Intersection Upgrades, and Box Culvert Rehabilitation	M2K Construction Ltd.	\$6,757,780	Engineering & Public Works

<b>245.</b>	6025F Architectural Consulting Services for the development of City Centre Community Centre North	CEI Architecture	\$85,000	Engineering & Public Works
<b>246.</b>	5960P Supply and Delivery of Multiple Types of Hybrid and Electric Vehicles	Dueck Richmond GM	\$69,850	Engineering & Public Works
		Total	\$58,667,048	