



Finance Committee

**Anderson Room, City Hall
6911 No. 3 Road**

Tuesday, April 3, 2018

Immediately Following the Open General Purposes Committee meeting

Pg. # ITEM

MINUTES

FIN-3 *Motion to adopt the **minutes** of the meeting of the Finance Committee held on March 5, 2018.*



FINANCE AND CORPORATE SERVICES DIVISION

1. **ANNUAL DEVELOPMENT COST CHARGES BYLAW AMENDMENT**

(File Ref. No. 03-0900-01; 12-8060-20-009844) (REDMS No. 5771258 v. 3; 5773198)

FIN-6

See Page FIN-6 for full report

Designated Speaker: Venus Ngan

STAFF RECOMMENDATION

- (1) *That the proposed Development Cost Charges Imposition Bylaw No. 9499, Amendment Bylaw No. 9844 be introduced and given first reading; and*
- (2) *That the report titled “Annual Development Cost Charges Bylaw Amendment” dated March 13, 2018 from the Director, Finance, be endorsed as the basis for public consultation in establishing the amended Development Cost Charge Imposition Bylaw.*



Pg. # ITEM

2. **2017 ANNUAL DEVELOPMENT COST CHARGES REPORT**
(File Ref. No. 03-1070-04-01) (REDMS No. 5767190; 5767194)

FIN-13

[See Page FIN-13 for full report](#)

Designated Speaker: Cindy Gilfillan

STAFF RECOMMENDATION

That the staff report titled, “2017 Annual Development Cost Charges Report,” dated March 9, 2018 from the Director, Finance be received for information.

3. **2017 ANNUAL PROCUREMENT REPORT**
(File Ref. No. 02-0600-01) (REDMS No. 5361537 v. 4)

FIN-29

[See Page FIN-29 for full report](#)

Designated Speaker: Jerry Chong

STAFF RECOMMENDATION

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

ADJOURNMENT



Finance Committee

Date: Monday, March 5, 2018

Place: Anderson Room
Richmond City Hall

Present: Mayor Malcolm D. Brodie, Chair
Councillor Chak Au
Councillor Derek Dang
Councillor Carol Day
Councillor Ken Johnston
Councillor Alexa Loo
Councillor Bill McNulty
Councillor Linda McPhail
Councillor Harold Steves

Call to Order: The Chair called the meeting to order at 5:29 p.m.

MINUTES

It was moved and seconded

That the minutes of the meeting of the Finance Committee held on February 5, 2018, be adopted as circulated.

CARRIED

Councillor Au left the meeting (5:30 p.m.).

FINANCE AND CORPORATE SERVICES DIVISION

1. **2017 INVESTMENT REPORT**
(File Ref. No. 03-0900-01) (REDMS No. 5741266)

It was moved and seconded

That the report titled 2017 Investment Report dated February 7, 2018 from the Director, Finance be received for information.

CARRIED

Finance Committee
Monday, March 5, 2018

2. **REVENUE ANTICIPATION BORROWING (2018) BYLAW NO. 9831**
(File Ref. No. 03-0900-01) (REDMS No. 5727142 v.3)

It was moved and seconded

That the Revenue Anticipation Borrowing (2018) Bylaw No. 9831 be introduced and given first, second and third readings.

CARRIED

3. **ONLINE CREDIT CARD TAX AND UTILITY PAYMENTS (1-YEAR STATISTICS)**

(File Ref. No. 03-0900-01) (REDMS No. 5369161)

It was moved and seconded

That the report titled Online Credit Card Tax and Utility Payments (1-Year Statistics) dated February 5, 2018 from the Director, Finance be received for information.

CARRIED

Councillor Au returned to the meeting (5:32 p.m.).

COMMUNITY SERVICES DIVISION

4. **GARDEN CITY LANDS PROJECT TIPPING FEES REVENUES**

(File Ref. No. 06-2345-20-GCIT1) (REDMS No. 5749602 v.9)

In response to questions from Committee, Alex Kurnicki, Research Planner 2 noted that (i) staff have been working closely with Agricultural Land Commission (ALC) staff and are in compliance with their approvals, (ii) staff continue to monitor market rates and stay current with pricing, (iii) fill is being utilized to mitigate low level contaminants and to follow best management practices as the current soil is peat based, (iv) testing results are provided on the fill soil to ensure it is not contaminated, and (v) staff worked with ALC staff to develop a plan to raise the level of soil on the Kwantlen Polytechnic University (KPU) site from fair to good with the addition of nutrients and organics at appropriately sourced sites, and at the oversight of McTavish Resource and Management Consultants Ltd.

Discussion took place regarding the oversight of the consultant and the effectiveness of soil importation. As a result of the discussion, the following **referral motion** was introduced:

It was moved and seconded

That the report be referred back to staff for more information on:

- (1) the remediation program and soil program going forward; and*
- (2) the appropriate consultant to be used.*

CARRIED

2.

Finance Committee
Monday, March 5, 2018

ADJOURNMENT

It was moved and seconded
That the meeting adjourn (5:45 p.m.).

CARRIED

Certified a true and correct copy of the Minutes of the meeting of the Finance Committee of the Council of the City of Richmond held on Monday, March 5, 2018.

Mayor Malcolm D. Brodie
Chair

Amanda Welby
Legislative Services Coordinator



City of Richmond

Report to Committee

To: Finance Committee
From: Jerry Chong
Director, Finance

Date: March 13, 2018
File: 03-0900-01/2018-Vol
01

Re: Annual Development Cost Charges Bylaw Amendment

Staff Recommendation

1. That the proposed Development Cost Charges Imposition Bylaw No. 9499, Amendment Bylaw No. 9844 be introduced and given first reading; and
2. That the report titled "Annual Development Cost Charges Bylaw Amendment" dated March 13, 2018 from the Director, Finance, be endorsed as the basis for public consultation in establishing the amended Development Cost Charge Imposition Bylaw.

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

REPORT CONCURRENCE		
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Economic Development	<input checked="" type="checkbox"/>	
Law	<input checked="" type="checkbox"/>	
Affordable Housing	<input checked="" type="checkbox"/>	
Parks Services	<input checked="" type="checkbox"/>	
Engineering	<input checked="" type="checkbox"/>	
Development Applications	<input checked="" type="checkbox"/>	
Policy Planning	<input checked="" type="checkbox"/>	
Transportation	<input checked="" type="checkbox"/>	
REVIEWED BY STAFF REPORT / AGENDA REVIEW SUBCOMMITTEE	INITIALS: 	APPROVED BY CAO

Staff Report

Origin

The Ministry's Development Finance Review Committee (DFRC), through its Development Cost Charges (DCC) Best Practice Guide, recommends that major amendments to the DCC bylaw be completed at least once every five years, and minor amendments to the DCC bylaw be made annually to reflect changes in the DCC program costs.

The City completed a major DCC review in 2016/2017, which included a comprehensive review and update on the costs and growth projection assumptions of the DCC program. The resulting DCC Imposition Bylaw No. 9499 was adopted and was effective on May 8, 2017.

The purpose of this staff report is to propose a minor DCC bylaw amendment where, in accordance with the Development Cost Charges Bylaw Approval Exemption Regulation, B.C. Reg. 130/2010, the City's city-wide DCC rates will be updated by the 2017 Vancouver Consumer Price Index (VCPI) at an increase of 2.2%.

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.

7.1. Relevant and effective budget processes and policies.

7.2. Well-informed and sustainable financial decision making.

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

Analysis

Feedback from the 2016/2017 Major DCC Update

One of the primary issues raised by the development industry during the last major DCC bylaw update in 2016/2017 was that they would rather see gradual annual increases in DCC rates instead of a one-time compounded DCC rates when a major DCC amendment takes place.

During the last major DCC update, staff responded to the development industry's concerns and proposed a going-forward mitigation measure whereby the City will complete minor DCC amendments annually to ensure that DCC rates are increased at a predictable, reasonable and gradual pace to mitigate DCC rate increases in future major DCC amendments.

Proposed DCC Rates Amendment

Staff recommend that the City's DCC rates be increased by 2.2%, being the 2017 VCPI as published by Statistics Canada, from the current level, where:

- The proposed rate of increase is permitted under the Development Cost Charges Bylaw Approval Exemption Regulation, B.C. Reg. 130/2010.
- The magnitude of increase is consistent with the annual increase of other types of municipal fees and rates which are also updated annually by CPI adjustment.
- The proposed increase meets the intent of smoothing the DCC rates by implementing incremental increases in DCC rates on a periodic basis until the next major DCC update.
- This approach is consistent with the DFRC's best practice guide and it will address the development industry's expressed concerns about compounded inflationary impact to future major DCC amendments.
- The following table summarizes the proposed changes to the City's city-wide DCC rates by development type:

	Unit	Current DCC Rates (2017)	Proposed DCC Rates (2018)	Proposed Increase (\$)
Single Family	per lot	\$39,494.10	\$40,362.97	\$868.87
Townhouse	per ft ²	\$21.48	\$21.95	\$0.47
Apartment	per ft ²	\$22.61	\$23.11	\$0.50
Commercial/Institutional	per ft ²	\$14.52	\$14.84	\$0.32
Light Industrial	per ft ²	\$11.33	\$11.58	\$0.25
Major Industrial	per acre	\$97,716.39	\$99,866.15	\$2,149.76

Other Considerations

- Staff also reviewed the changes in the main cost drivers of the City's DCC program during this minor DCC amendment process. The 2017 Vancouver Construction Price Index as published by Statistics Canada was 7.0% and the 2017 Richmond Detached Home Price Index was 7.1%.
- It is conservatively estimated that if a more detailed cost adjustment method is used in this minor DCC amendment, it could result in a proposed increase of DCC rates by at least 7% in the current year.
- Since this is the first year following the previous DCC major bylaw update in 2017, staff is recommending that the detailed cost adjustments to the DCC program be reviewed and updated at a future year when cost increases become permanent or substantial to warrant a more detailed minor DCC amendment.

Next Steps

If the Development Cost Charges Imposition Bylaw No. 9499, Amendment Bylaw No. 9844 (Attachment 1) receives first reading, staff will communicate the proposed bylaw rates with the development community (e.g. through Urban Development Institute, Commercial Real Estate Development Association (NAIOP), Greater Vancouver Home Builders' Association, on City's social media, Let's Talk Richmond and the City's website). Feedback received from the public will be presented to Council for consideration upon second and third readings prior to bylaw adoption.

Under the Development Cost Charges Bylaw Approval Exemption Regulation, B.C. Reg. 130/2010, approval from the Ministry is not required for adoption of the proposed amended DCC bylaw. Once the bylaw has been adopted by Council, a copy of the bylaw will be filed with the Ministry.

Implementation Guidelines

The effective date of the amendment bylaw is to be set on or after May 8, 2018 to ensure compliance with the Development Cost Charges Bylaw Approval Exemption Regulation, B.C. Reg. 130/2010 which requires that the bylaw changes the amount of one or more development cost charges once in a 12 month period after the date of the adoption of the bylaw.

Sections 511 and 568 of the *Local Government Act* that provide in-stream protection to subdivision applications and precursor applications (e.g. rezoning application, development permit application, building permit application) for a period of one year from the effective date of the adopted DCC bylaw.

To qualify for in-stream protection (i.e. in order for the development to be grandfathered to the current DCC rates instead of the new DCC rates in the amended DCC Bylaw), prior to the effective date of the DCC bylaw, the subdivision applications or the precursor applications must have been submitted in satisfactory form to and accepted by the City, and that all application fees have been paid.

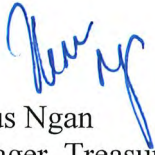
For in-stream applications to be grandfathered, the subdivision must be completed within 12 months after the bylaw is adopted. For in-stream precursor applications, the building permit related to these applications must be issued within 12 months of the effective date of the bylaw in order for the grand-fathering provision to be applicable.

Financial Impact

The proposed bylaw will increase DCC rates by 2.2% across all development types. The amount of increase will depend on the amount of new development activities and the types of development activities upon the effective date of the bylaw. The DCC collected will provide funding to pay for the cost of the proposed capital infrastructure works to support growth, such as parkland purchase, park development, traffic improvements and engineering infrastructures.

Conclusion

It is recommended that the proposed Development Cost Charges Imposition Bylaw No. 9499, Amendment Bylaw No. 9844 be approved by Council and this staff report is to be used as a basis for public consultation before final adoption of the DCC amendment bylaw.



Venus Ngan
Manager, Treasury and Financial Services
(604-276-4217)

Att. 1: Development Cost Charges Imposition Bylaw No. 9499, Amendment Bylaw No. 9844



City of Richmond

Bylaw 9844

DEVELOPMENT COST CHARGES IMPOSITION BYLAW NO. 9499, AMENDMENT BYLAW NO. 9844

The Council of the City of Richmond enacts as follows:

1. Schedule B of the **Development Cost Charges Imposition Bylaw No. 9499** be deleted and be replaced with Schedule A attached to and forming part of this amendment bylaw.
2. This Bylaw is cited as "**Development Cost Charges Imposition Bylaw No. 9499, Amendment Bylaw No. 9844**" and is effective May 8, 2018.

FIRST READING

SECOND READING

THIRD READING

ADOPTED

CITY OF RICHMOND
APPROVED for content by originating dept. <i>W</i>
APPROVED for legality by Solicitor <i>[Signature]</i>

MAYOR

CORPORATE OFFICER

SCHEDULE B City-Wide Development Cost Charge

Richmond Zoning Bylaw 8500												
Description	Standard Zones	Site Specific Zones	Site Specific Mixed Use Zones (1)	Road Works	Drainage Works	Water Works	Sanitary Sewer	Parks Acquisition	Parks Development	Total DCC	Units for each column	
Agricultural	AG, CR, GC	ZA		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	-	
Marina (2)	MA											
Single Family	RS, RC, RCH, RD, RI, RE, RCC	ZS, ZD		\$16,005.88	\$ 7,222.16	\$ 1,091.53	\$ 2,568.13	\$ 7,749.20	\$ 5,726.07	\$40,362.97	per lot	
Townhouse	RTL, RTM, RTH, RTP	ZT		\$ 7.67	\$ 3.11	\$ 0.71	\$ 1.68	\$ 5.05	\$ 3.73	\$ 21.95	per sq. ft. of DU	
Apartment	RAL, RAM, RAH	ZLR, ZHR	ZR, RCL, ZMU, CS, ZC	\$ 9.42	\$ 2.21	\$ 0.74	\$ 1.72	\$ 5.19	\$ 3.83	\$ 23.11	per sq. ft. of DU	
Commercial (3)	CL, CC, CA, CDT, CEA, CG, CN, CP, CV IB, IL, IR, IS	ZC ZI	ZR, RCL, ZMU, CS, ZC	\$ 11.43	\$ 2.15	\$ 0.28	\$ 0.65	\$ 0.19	\$ 0.14	\$ 14.84	per sq. ft. of BA	
Light Industrial (4)	IB, IL, IR, IS	ZI		\$ 8.17	\$ 2.15	\$ 0.28	\$ 0.65	\$ 0.19	\$ 0.14	\$ 11.58	per sq. ft. of BA	
Major Industrial	I			\$42,673.51	\$ 42,743.74	\$ 3,915.22	\$ 9,211.71	\$ 760.22	\$ 561.75	\$99,866.15	per acre of gross site area	
Institutional	AIR, SI, ASY, HC	ZIS		\$ 11.43	\$ 2.15	\$ 0.28	\$ 0.65	\$ 0.19	\$ 0.14	\$ 14.84	per sq. ft. of BA	

(1) For site specific mixed-use residential and commercial zones, the development cost charge (DCC) payable shall be calculated separately for each portion of the development. DCC for residential uses are charged at the appropriate multi-family residential rate, and any commercial space is charged at the appropriate commercial rate.

(2) Waterborne residential development permitted under MA zone is exempt from DCC. Any upland buildings in this zone are required to pay the Commercial DCC Rate.

(3) Commercial rate is applicable to all uses permitted in these zones, except for the following, which will be charged the industrial rate: (i) general industrial, (ii) custom indoor manufacturing, (iii) minor utility, (iv) transportation depot, and (v) truck or railroad terminal.

(4) For industrial developments with a mix of commercial and industrial permitted uses (including site-specific industrial zones), the DCC payable shall be calculated separately for each portion of development contained in the building permit or subdivision application in accordance with actual uses. The total payable will be the sum of the DCC for each portion of the development at the applicable DCC rates.



City of Richmond

Report to Committee

To: Finance Committee

Date: March 9, 2018

From: Jerry Chong
Director, Finance

File: 03-1070-04-01/2018-
Vol 01

Re: 2017 Annual Development Cost Charges Report

Staff Recommendation

That the staff report titled, "2017 Annual Development Cost Charges Report," dated March 9, 2018 from the Director, Finance be received for information.

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

Att. 1

REPORT CONCURRENCE		
ROUTED TO:	CONCURRENCE	CONCURRENCE OF GENERAL MANAGER
Development Applications	<input checked="" type="checkbox"/>	
Engineering	<input checked="" type="checkbox"/>	
Parks Services	<input checked="" type="checkbox"/>	
Transportation	<input checked="" type="checkbox"/>	
REVIEWED BY STAFF REPORT / AGENDA REVIEW SUBCOMMITTEE	INITIALS: 	APPROVED BY CAO

Staff Report

Origin

In compliance with section 569 of the *Local Government Act*, the City is required to prepare a Development Cost Charges (DCC) report on or before June 30th, with information from the previous year. The DCC report must include the following, reported under subsections (2) and (3) of section 559 for which the local government imposes development cost charges in the applicable year:

- (a) *the amount of development cost charges received;*
- (b) *the expenditures from the development cost charge reserve funds;*
- (c) *the balance in the development cost charge reserve funds at the start and at the end of the applicable year;*
- (d) *any waivers and reductions under section 563 (2).*

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.*

This report supports Council's 2014-2018 Term Goal #9 A Well-Informed Citizenry:

- 9.1. *Understandable, timely, easily accessible public communication.*

Analysis

The City's 2017 Annual DCC Report covers the following six broad categories:

- (i) Description and principles of the City of Richmond's DCC program;
- (ii) 2017 DCC reserve fund balances;
- (iii) 2017 DCC credits;
- (iv) 2017 and 2018 DCC programs;
- (v) Waivers and reductions; and
- (vi) Municipal assist factor.

The 2017 Annual Development Cost Charges Report includes contribution amounts for which the City holds a Letter of Credit from the developer, where the cash will be received in the future based on the defined payment schedule. The Report does not include amounts received as of December 31, 2017 that are not confirmed due to potential DCC credits. These amounts, if applicable, will be reported in future periods.

During 2017, new DCC rates were established through the Development Cost Charges Imposition Bylaw No. 9499 effective May 8, 2017. There is a 1-year in-stream protection for qualifying applications under the *Local Government Act* that grandfathers the previous rates.

A copy of the 2017 Annual Development Cost Charges Report, which will be available for public viewing on the City's website before June 30, 2018, is attached for information.

Conclusion

The attached 2017 Annual Development Cost Charges Report is in compliance with the annual reporting requirements as prescribed under section 569 of the *Local Government Act*.



Cindy Gilfillan
Manager, Financial Reporting
(604-276-4077)

Att. 1: 2017 Annual Development Cost Charges Report

2017 ANNUAL DEVELOPMENT COST CHARGES REPORT

For the year ended December 31, 2017

City of Richmond's Vision:
To be the most appealing, livable, and
well-managed community in Canada



CITY OF RICHMOND
2017 ANNUAL DEVELOPMENT COST CHARGES REPORT

This 2017 Annual Development Cost Charges (DCC) Report is prepared by the City of Richmond (City) pursuant to Section 569 of the *Local Government Act*. This report contains information pertaining to the following reporting requirements:

- I. Description and Principles of the DCC Program
- II. 2017 DCC Reserve Fund Balances
- III. 2017 DCC Credits
- IV. 2017 and 2018 DCC Programs
- V. Waivers and Reductions
- VI. Municipal Assist Factor

I. DESCRIPTION AND PRINCIPLES OF THE DCC PROGRAM

What is the purpose of the DCC Program?

The purpose of the DCC Program is to provide the municipality with a dedicated source of funding to plan, develop, and implement infrastructure services identified by the City. The objective of the DCC program is to ensure that those whom will use and benefit from the services developed will pay their share of the costs in a fair and equitable basis. The DCC program is one of the many pieces of the City's broader community development framework. It is developed in ways that are consistent with the City's long-term planning objectives and financial strategies.

What are DCC's?

DCC's are levies placed on new development to assist in financing the cost of upgrading or providing infrastructure services. They support the cost of acquiring and developing parkland needs in order to accommodate the growing population.

Capital projects include but are not limited to:

- New or widening of existing arterial roads, improvements to traffic signals, sidewalks, pedestrian and bicycle lanes, upgrades to transit-related road infrastructures and traffic safety projects;
- Replacement and upgrades to watermains, pressure reducing valve stations, drainage mains, pump stations and channel, upgrades to sanitary sewer mains and pump stations; and
- Acquisition and development of parkland (playing fields, drainage and irrigation, turf, etc.)

CITY OF RICHMOND

2017 ANNUAL DEVELOPMENT COST CHARGES REPORT

What are the guiding principles in developing the DCC program?

Each local government has a fundamental philosophy with respect to development and the government's role in facilitating that development. The City's DCC program has been developed to be consistent with the following legislation, plans, and policy guides:

- Local Government Act
- Development Cost Charges Best Practices Guide
- City of Richmond Official Community Plan (OCP)
- Urban Futures Community-Level Projections of Population, Housing & Employment
- City of Richmond Parks and Open Space Strategy
- City of Richmond City Centre Transportation Plan
- City of Richmond City Centre Area Plan (CCAP)
- City of Richmond Employment Lands Strategy
- City of Richmond Trail Strategy
- City of Richmond Hamilton Area Plan Update

Furthermore, to ensure that affected stakeholders are informed about the DCC program, the City is required to consult, receive, and consider comments from representatives of the development industry. Representatives include members from the Urban Development Institute (UDI), Greater Vancouver Home Builders Association (GVHBA), National Association of Industrial and Office Properties (NAIOP), and local homebuilders and developers.

During 2017, new DCC rates were established through the Development Cost Charges Imposition Bylaw No. 9499 effective May 8, 2017. There is a 1-year in-stream protection for qualifying applications under the *Local Government Act* that grandfathers the previous rates.

How are DCC rates derived?

The City began the DCC process by determining the amount of growth expected to occur based on the City's OCP. Using the growth projections for residential, commercial, industrial, and institutional developments, the City identified specific infrastructure needs to accommodate this growth. The corresponding estimated costs formed the basis of the DCC Program.

How are DCCs used?

Funds collected through the DCC program are deposited in a separate reserve account. These funds may only be used to pay for the expenditures of the capital project or finance the costs related to debt incurred for the capital project.

CITY OF RICHMOND
2017 ANNUAL DEVELOPMENT COST CHARGES REPORT

DCC cannot be used for costs incurred to operate and maintain parks, roads, watermains, sanitary and storm sewers already in place to serve the existing residents of the City, or to replace infrastructure if the replacement is not capacity-driven as a result of development. In addition, DCC collected cannot be used to pay for services such as recreation, policing, fire and library that are also affected by growth.

How are costs allocated to growth and existing users?

To achieve the objective of promoting growth and to ensuring the use of a fair and equitable basis of allocating costs, the costs of the DCC are allocated between growth and the existing population based on assessed benefit factors.

II. 2017 DCC RESERVE FUND BALANCES

The City records and maintains separate accounts for each DCCs reserve fund. The following table provides a continuity schedule of each DCC reserve fund (by service) for the 2017 fiscal year:

(amounts expressed in thousands of dollars)

	January 1 Balance	Transfers In	Interest Earned	DCC Credits	Transfers Out	December 31 Balance
City-Wide:						
Drainage	\$ 23,884	\$ 3,025	\$ 428	\$ (57)	\$ (87)	\$ 27,193
Parks Acquisition	16,422	7,354	303	(1,468)	(2,204)	20,407
Parks Development	18,421	2,779	204	(700)	(6,002)	14,702
Roads	30,463	13,939	501	(2,245)	(5,186)	37,472
Sanitary Sewer	17,569	2,310	281	(1,009)	(1,756)	17,395
Water	4,898	691	84	-	(418)	5,255
Total Basic	\$ 111,657	\$ 30,098	\$ 1,801	\$ (5,479)	\$ (15,653)	\$ 122,424
Local Area - Alexandra:						
Drainage	\$ 1,151	\$ 133	\$ 24	\$ -	\$ -	\$ 1,308
Parks Acquisition	612	1,260	24	-	-	1,896
Parks Development	672	159	7	-	(57)	781
Roads	2,929	969	63	(356)	-	3,605
Sanitary Sewer	395	56	8	-	-	459
Water	181	26	4	-	-	211
Total Local Area	\$ 5,940	\$ 2,603	\$ 130	\$ (356)	\$ (57)	\$ 8,260
Total DCC Reserve	\$ 117,597	\$ 32,701	\$ 1,931	\$ (5,835)	\$ (15,710)	\$ 130,684

CITY OF RICHMOND
2017 ANNUAL DEVELOPMENT COST CHARGES REPORT

III. 2017 DCC CREDITS

Site Address	Developer/Applicant
<u>Drainage</u>	
7008 River Parkway	Onni Contracting Ltd.
<u>Parkland Acquisition</u>	
10177 River Drive	ZGF Architects Inc.
10780 No. 5 Road	ZGF Architects Inc.
10800 No. 5 Road	ZGF Architects Inc.
<u>Parkland Development</u>	
10388 No. 2 Road	Polygon Kingsley Homes Ltd.
10780 No. 5 Road	ZGF Architects Inc.
10800 No. 5 Road	ZGF Architects Inc.
9500 Tomicki Ave	Polygon Homes Ltd.
<u>Roads</u>	
4033 May Drive	Chysik Project Management
5399 Cedarbridge Way	Onni Contracting Ltd.
5900 Minoru Blvd	W. T. Leung Architects Inc.
6888 River Road	Intracorp Projects
6900 Pearson Way	Intracorp Projects
7468 Lansdowne Road	IBI/HB Architects
7671 Alderbridge Way	Omicron Architecture Engineering and Construction Ltd.
<u>Sanitary Sewer</u>	
3333 Brown Road	Polygon Avanti Homes
3333 Sexsmith Road	Pinnacle Living (Capstan Village) Lands
7008 River Parkway	Onni Contracting Ltd.
8800 Hazelbridge Way	GBL Architects

Water

No credits for water were issued during 2017.

CITY OF RICHMOND
2017 ANNUAL DEVELOPMENT COST CHARGES REPORT

IV. 2017 and 2018 DCC PROGRAMS

Drainage

The projects in the Drainage DCC Program include upgrades to box culverts, drainage mains and pump stations.

A summary of the projects funded by the Drainage DCC during 2017 and the projects set to begin in 2018 is contained in Appendix 1.

Parkland Acquisition and Park Development

The projects in the Parks Acquisition DCC Program include acquisition of land for parks and open space required to meet the needs of the City's growth. The projects include park planning and development as well as new playgrounds. Areas impacted include urban parks, community parks, neighbourhood parks, trails, natural areas and waterfront parks.

A summary of the projects funded by the Parks Acquisition and Parks Development DCC during 2017 and the projects set to begin in 2018 is contained in Appendix 2.

Roads

The projects in the Roads DCC Program include new/widening of roads, intersection and traffic signal improvements, selected arterial improvements, pedestrian and cyclist improvements, transit-related road infrastructure, traffic safety projects and debt repayments.

A summary of the projects funded by the Roads DCC during 2017 and the projects set to begin in 2018 is contained in Appendix 3.

Sanitary Sewer

The projects in the Sanitary Sewer DCC Program include upgrades to sanitary sewer gravity mains, forcemains and pump stations.

A summary of the projects funded by the Sanitary Sewer DCC during 2017 and the projects set to begin in 2018 is contained in Appendix 4.

Water

The projects in the Water DCC Program include upgrades to watermains and pressure reducing valve stations.

A summary of the projects funded by the Water DCC during 2017 and the projects set to begin in 2018 is contained in Appendix 5.

CITY OF RICHMOND
2017 ANNUAL DEVELOPMENT COST CHARGES REPORT

V. WAIVERS AND REDUCTIONS

Section 563 of the Local Government Act provides the option for municipalities to exempt or waive DCC for the following classes of eligible development:

- Not-for-profit rental housing, including supportive living housing;
- For-profit affordable rental housing;
- Subdivisions of small lots that is designed to result in low greenhouse gas emission; and
- Developments designed to result in low environmental impact.

For the year of 2017, no waivers or reductions were granted.

VI. MUNICIPAL ASSIST FACTOR

The Local Government Act recognizes that the City and existing residents can also receive a marginal benefit from the associated capital improvements. As such, the Local Government Act stipulates that an assist factor will be included as part of the calculation of DCC. An assist factor represents the City's contribution towards the capital projects that are attributable to new developments. In determining the municipal assist factor, the City considers the following factors:

- Future land use patterns and development;
- Phasing of works and services;
- Whether the charges are excessive in relation to the capital costs of prevailing standards of service;
- Whether the costs will deter development; or
- Whether the charges will discourage the construction of reasonably priced housing or the provision of reasonably priced serviced land.

Based on the above factors and the assessment that the majority of the capital improvements are a result of new growth, the City's municipal assist factor has been set at 1%.

DRAINAGE – 2017 Expenditures

This table summarizes all projects approved in 2017 and earlier that had expenditures funded by the Drainage DCC during 2017:

Location	Type of Infrastructure / Description
No. 2 Road North	Pump station upgrade
River Road east of No. 5 Road	Pump station upgrade

DRAINAGE – 2018 Projects

This table summarizes all projects funded by the Drainage DCC that have been approved in the 2018 Capital Budget:

No projects funded from Drainage DCC in 2018.

PARKS – 2017 Expenditures

This table summarizes all projects approved in 2017 and earlier that had expenditures funded by the Parks DCC during 2017:

Location	Type of Infrastructure / Description
Minoru Park	Backstop upgrades
City-Wide	Characterization - Neighbourhood Parks
Lang Park	Characterization - Neighbourhood Parks
Garden City Lands	Design construction
Aberdeen Park	Development of neighbourhood park
Rideau Neighbourhood Park	Development of neighbourhood park
West Cambie	Development of neighbourhood park
City-Wide	General development
West Cambie	New neighbourhood park
Parkland Acquisition	Parkland acquisition and repayment
City-Wide	Parks advance planning & design
Hollybridge Way and Middle Arm	Pier construction and development of neighbourhood park
City-Wide	Trails
Dyke Road in Fraserwood area	Trails
Terra Nova Rural Park	Washrooms and landscaping

PARKS – 2018 Projects

This table summarizes all projects funded by the Parks DCC that have been approved in the 2018 Capital Budget:

Location	Type of Infrastructure / Description
Aberdeen Park	Development of neighbourhood parks
Garden City Community Park	Dog Park Upgrade
Garden City Lands	Garden City Lands Phase 3
London Steveston Park	London Steveston Phase 2
Minoru Park	Minoru Park Renewal Phase 1
City-Wide	Parkland Acquisition
City-Wide	Parks Advance Planning & Design
City-Wide	Parks General Development
City-Wide	Parks Identity Signage Program

ROADS – 2017 Expenditures

This table summarizes all projects approved in 2017 and earlier that had expenditures funded by the Roads DCC during 2017:

Location	Type of Infrastructure / Description
City-Wide	Accessible pedestrian signal program
City-Wide	Active Transportation Improvement program
City-Wide	Advanced Design
City-Wide	Arterial roadway improvement program
City-Wide	Functional and Preliminary Design (Transportation)
Lansdowne Road - Alderbridge Way to Minoru Blvd.	Interim road extension
River Parkway - Gilbert Road to Cambie Road	Interim road extension with walkway and cycle lane
City-Wide	Lansdowne Road repayment
River Drive, No. 4 Road to Van Horne Way	Multi-Use Pathway
City-Wide	Neighbourhood walkway program
City-Wide	Nelson Road interchange repayment
City-Wide	Pedestrian and Roadway improvement program
City-Wide	River Road / North Loop repayment
Lockhart Road	Road improvements
23000 to 23591 Dyke Road	Road widening and trail connection
No 2 Road, from Steveston Highway to Dyke Road	Road widening with multi-use pathway
City-Wide	Special crosswalk improvement program
City-Wide	Traffic calming program
City-Wide	Traffic signal program
City-Wide	Transit-related amenity improvement program
City-Wide	Transit-related roadway improvement program

ROADS – 2018 Projects

This table summarizes all projects funded by the Roads DCC that have been approved in the 2018 Capital Budget:

Location	Type of Infrastructure / Description
City-Wide	Accessible Pedestrian Signal Program
City-Wide	Active Transportation Improvement Program
City-Wide	Arterial Roadway Improvement Program
City Centre	Cycling Network Plan
River Parkway - Gilbert Road to Cambie Road	Interim road extension with walkway and cycle lane
City-Wide	LED Street Name Sign Program
Alderbridge Way, No. 4 Road to Shell Road	Multi-Use Pathway
City-Wide	Neighbourhood Walkway Program
Leslie Road - River Parkway to approximately 150m to the east	Road Improvement
Cambie Road - River Road to No. 3 Road	Road Improvement with multi-use pathway
City-Wide	Special Crosswalk Program
City-Wide	Traffic Calming Program
City-Wide	Traffic Signal Program
City-Wide	Traffic Video and Communication Program
City-Wide	Transit-Related Amenity Improvement Program
City-Wide	Transit-Related Roadway Improvement Program
City-Wide	Transportation Planning, Functional and Preliminary Design

SANITARY SEWER – 2017 Expenditures

This table summarizes all projects approved in 2017 and earlier that had expenditures funded by the Sanitary Sewer DCC during 2017:

Location	Type of Infrastructure / Description
City-Wide	Infrastructure upgrades and replacement
8600 Cook Road	Pump station replacement
Broadmoor Sanitary Area	Pump station replacement
Hamilton Area	Pump station replacement
Lane North of 5600 Cedarbridge Way	Pump station upgrades
Brown/Leslie Road	Sanitary Sewer upgrades
Cooney Rd, Spires Gate, Cook Gate and Cook Rd	Sanitary Sewer upgrades

SANITARY SEWER – 2018 Projects

This table summarizes all projects funded by the Sanitary Sewer DCC that have been approved in the 2018 Capital Budget:

Location	Type of Infrastructure / Description
Eckersley B	Pump station upgrades

WATER – 2017 Expenditures

This table summarizes all projects approved in 2017 and earlier that had expenditures funded by the Water DCC during 2017:

Location	Type of Infrastructure / Description
Lulu Island North Area	Watermain replacement
Lulu Island West Area	Watermain replacement
Cooney Rd, Spires Gate, Cook Gate and Cook Rd	Watermain replacement and upgrade

WATER – 2018 Projects

This table summarizes all projects funded by the Water DCC that have been approved in the 2018 Capital Budget:

Location	Type of Infrastructure / Description
City-Wide	Watermain Replacement



City of Richmond

Report to Committee

To: Finance Committee

Date: March 19, 2018

From: Jerry Chong
Director, Finance

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

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

- 5 -



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

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

128.	6095Q Library Cultural Centre Boiler Upgrade	Prism Engineering	\$47,000	Engineering & Public Works
129.	6090Q Canada 150 Modular Seating	Three Dimensional Services Inc.	\$92,000	Community Services
130.	6089F Recruitment Services – Fire Chief	Davies Park Executive Search Consultants	\$56,000	Law & Community Services
131.	6088Q Re-Roofing of 7400 River Road	Homan Roofing Ltd.	\$389,445	Finance & Corporate Services
132.	6087Q City Hall Boiler Options Evaluation and Upgrade Design	Dialog BC Architecture Engineering	\$26,480	Engineering & Public Works
133.	6086CM EVT Bay Floor Profiling & Coating at Fire Hall 3	Stuart Olson Construction Ltd	\$92,534	Engineering & Public Works
134.	6085P Arts Strategy and Cultural Facilities Needs Assessment	Patricia Huntsman Culture + Communication in partnership with Nordicity	\$66,195	Community Services
135.	6084F Multistation functional training equipment	Life Fitness	\$27,801	Community Services
136.	6083F Maintenance of four children's water play features	Purtech Service Group	\$27,159	Community Services
137.	6081J South Arm Community Centre Phase II Fitness Upgrades - Construction	Ventana Construction Corporation	\$1,079,481	Engineering & Public Works
138.	6080J City Hall Domestic Water Piping Upgrade	Ashton Mechanical	\$382,559	Engineering & Public Works
139.	6079J Exhibit Drug Storage Mechanical Upgrade at the Community Safety Building	Ashton Mechanical	\$95,339	Engineering & Public Works
140.	6078F RCMP Community Service Building Chiller Replacement	Trane Canada ULC	\$158,850	Engineering & Public Works
141.	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			
142.	6074Q Britannia Seine Net Loft Washroom Facilities	Penta Builders Group Inc	\$373,000	Engineering & Public Works
143.	6073S Contract Administration Services at Richmond Olympic Oval - Base Building Upgrade Project	Dialog BC Architecture Engineering	\$30,500	Engineering & Public Works
144.	6072F Heat Pump Replacement at Japanese Cultural Center	Airon Heating and Air Conditioning Ltd	\$44,262	Engineering & Public Works
145.	6071F Building Condition Assessment at Warehouse located on 12040 Horseshoe Way	DGBK Architects	\$27,600	Engineering & Public Works
146.	6070Q Supply and Delivery of Fire Hall No 1 Network Equipment	Scalar Decisions Inc	\$30,731	Engineering & Public Works
147.	6069J Mechanical Design for the RCMP Community Safety Building - Heat Replacement Pump Replacement Project	Ashton Service Group	\$28,904	Engineering & Public Works
148.	6067Q Painting - Steveston Interurban Tram #1220	Heritage Painting & Decorating	\$67,500	Community Services
149.	T.6041 Britannia Heritage Shipyard Flood Protection Improvements	Merletti Construction (1999) Ltd	\$1,421,505	Engineering & Public Works
150.	6003P Provision of Universal Fixed based Deployment for Water Meter Reading	Neptune Technology Group (Canada) Ltd.	\$994,200	Engineering & Public Works
151.	5990P Consulting Services to develop a Branding and Marketing Strategy for the Minoru Complex	Ion Brand Design	\$30,000	Community Services
152.	5988EOI Consulting Services to develop the Strategic Business Plan for the Britannia Shipyards National Historic Site	Nordicity	\$47,548	Community Services
153.	5958P Dike Masterplan Phase 3	KWL	\$198,806	Engineering & Public Works

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

168.	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
169.	6103F Recruitment Services -Manager, Human Resources Strategic Projects	Davies Park Executive Search Consultants	\$36,220	Deputy CAO
170.	6102Q 2017 OpenText Edocs DM 16 Upgrade - professional services	Concerta Consulting Inc.	\$36,000	Finance & Corporate Services
171.	6093F Technology for the management of network addressing, including network services	X10 Networks	\$104,538	Finance & Corporate Services
172.	6092F New Animal Shelter Feasibility Study	OMB Architects	\$48,000	Engineering & Public Works
173.	6091F Outfitting of Promaster Van Unit 1818	Sterling Fleet Outfitters Inc.	\$29,049	Engineering & Public Works
174.	6048P Provision of Civil Engineering Consulting Services for Hamilton Sanitary Pump Station.	Aplin & Martin Consultants Ltd	\$205,238	Engineering & Public Works
175.	5999Q Supply and Delivery of Pool Chemicals	Brenntag Canada Inc Cleartech Industries Inc DB Perks and Associates	\$138,533	Community Services
176.	5997P Consulting Services to Develop an Inventory of Parks Assets for GIS	Geographic Technologies Group	\$147,700	Community Services
177.	5978EOI Supply and Delivery of Dell PowerEdge Servers	Turning Point Technology Services Inc	\$444,018	Finance & Corporate Services
178.	5965Q Lease of 2 (Two) High-Speed Multi-Functional Devices (MFDs)	Konica Minolta	\$276,919	Deputy CAO
179.	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

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

193.	6120Q Nature Park House and Pavilion User Requests and Building Upgrades	MA-Eng Tech Construction Inc	\$33,897	Engineering & Public Works
194.	6082P Design – Build Services For Rideau Neighbourhood Park Playground	Habitat Systems Inc	\$108,136	Community Services
195.	6057P Provision of Civil Engineering Consulting Services for 2017 South Dike Upgrades	Opacity Design Group	\$464,250	Engineering & Public Works
196.	5577Q Supply, Delivery and Installation of 66,000 LB GVWR Crane and 22' Flat Deck Body Components	Falcon Equipment	\$148,230	Engineering & Public Works
197.	6152F City Hall Interface Carpet Tile	InterfaceFlor	\$32,850	Engineering & Public Works
198.	6151F Communications Services - Airport Zoning Regulations	Laura Balance Media Group	\$50,000	Deputy CAO
199.	6150F Recruitment Services - Deputy Fire Chief	Davies Park Executive Search Consultants	\$35,000	Deputy CAO
200.	6149F Energy Benchmarking Reporting Technology	Open Green Building Society	\$41,165	Engineering & Public Works
201.	6148Q West Richmond Community Centre - Exterior Stucco Repair	MA-Eng Tech Construction Inc	\$46,624	Engineering & Public Works
202.	6147S Supply and Delivery of 2 (two) Terrain Cut Commercial Front Mowers	Prairie Coast Equipment Inc	\$67,753	Engineering & Public Works
203.	6146S Various Highwater Hoses	WFR Wholesale Fire & Rescue Ltd.	\$43,743	Law & Community Services
204.	6145J Chiller Replacement Project at RCMP Community Safety Building (CSB)	Ashton Service Group	\$194,723	Engineering & Public Works
205.	6144S One (1) Kubota F3990 Commercial Front Mount Mower	Avenue Machinery	\$33,920	Engineering & Public Works
206.	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		
207.	6139Q Consulting Services for Accessibility Design Guidelines and Technical Specifications for City Owned Facilities	S.R. McEwen Architect	\$35,000	Engineering & Public Works
208.	6138Q Brighthouse Park Fieldhouse Roofing Project	Broadway Roofing Co Ltd	\$122,120	Engineering & Public Works
209.	6137Q Peace Arch Pump Station and Dike Remediation Works	Matcon Excavation and Shoring Ltd	\$379,000	Engineering & Public Works
210.	6104P Provision of Civil Engineering Consulting Services for 2017 South Dike Upgrades	Aplin & Martin Consultants Ltd.	\$327,474	Engineering & Public Works
211.	6050P Provision of Municipal Audit Services over 3 years	KPMG	\$194,800	Finance & Corporate Services
212.	6040P Consultant Services - River Parkway Gilbert Rd to Cambie Rd	R.F. Binnie & Associates	\$598,923	Engineering & Public Works
213.	5962P Supply and Delivery of Stationery Generators	Simson-Maxwell	\$250,205	Engineering & Public Works
214.	5938EOI Steveston Community Centre Feasibility Consultant	HDR CEI Architecture Associates, Inc.	\$231,750	Engineering & Public Works
215.	6160Q Recruitment Services – Program Coordinator, Development	Davies Park Executive Search Consultants	\$33,500	Deputy CAO
216.	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
217.	6157F Engineering Services - Minoru Arena Ice Plant Upgrades	Bradley Refrigeration	\$32,800	Engineering & Public Works
218.	6156Q Traffic Counting and Classification Project	Transtech Data Services	\$32,024	Engineering & Public Works
219.	6140Q Supply and Delivery of Bulk Road Salt	Mainroad Maintenance Products	\$180,000	Engineering & Public Works

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

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