



# City of Richmond

## Report to Committee

**To:** Finance Committee

**Date:** March 17, 2016

**From:** Jerry Chong  
Director, Finance

**File:** 02-0600-01/2016-Vol  
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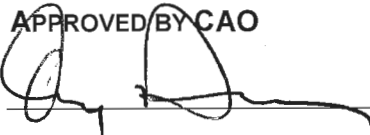
**Re:** 2015 Annual Procurement Report

### Staff Recommendation

That the staff report titled "2015 Annual Procurement Report" dated March 17, 2016 from the Director of Finance be received for information.

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 is being provided to Council in order to provide additional information concerning the City's procurement activities during the 2015 calendar year and procurement metrics as recommended by the Auditor General Local Government to all BC municipalities concerning Government Procurement Processes.

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

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

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

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

*7.4. Strategic financial opportunities are optimized.*

### Analysis

This procurement report covers the period from January 1, 2015 to December 31, 2015 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 first since the implementation of the amended Procurement Policy 3104. The policy is significant in enabling a collaborative and responsive approach to supply management strategy.

Effective management of the acquisition and flow of goods and services, which represent approximately 10.85% of the total City 5 Year Financial Plan Bylaw (2015-2019), is both operationally and financially important in delivering City services. Through the implementation of leading practices, staff has enhanced procurement and inventory management operations at the City and delivered value for money for internal partners. In addition, these practices have improved transparency, fostered improved vendor relations and improved internal controls.

The City's Purchasing Section worked collaboratively with all City departments to successfully negotiate and awarded approximately \$100,389,000 worth of contracts for goods, services and construction in 2015. These contracts resulted in savings of approximately \$8,736,000 in 2015 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 robust negotiation processes.

## 1. Procurement Achievements

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

2015 marked the completion of the implementation of a new city-wide purchasing card (pcard) program. A robust purchasing card program simplifies the purchasing and payment process lowering overall transaction and administrative costs per purchase and delivers rebates to the City based on dollar volumes spent. Through a competitive Expression of Interest process staff negotiated a contract with Scotiabank and collaboratively developed and installed system software and program design for the organization. Staff developed and delivered corporate training through a hands-on classroom experience and instructional on-line intranet videos. A SharePoint site was also developed along with deliverance of presentations to management teams and corporate communications. The following outcomes were realized in the first 9 months of implementation:

- An increased rebate of 28% for the City's annual pcard spends.
- Cardholder self-expense management system and on-line approvals for a near-paperless expense management system.
- Full e-learning system (SharePoint site and videos) to support cardholders and approvers as well as better promote compliance.

Subsequent to the completion of the Peoplesoft 9.2 Financial upgrade completed in 2014, many procurement enhancements were introduced that benefitted the organization. Major enhancements include:

- Implementing auto-processing of Purchase Orders to improve cycle time.
- Approval workflow updates to provide more flexibility for routing of e-Requisitions.
- Stepped approvals for e-Requisitions over \$25,000 to provide Senior Manager Approvers with assurance that spending has been reviewed by Direct Report Approvers;
- Transition to "PO Rollover" processing for fiscal year end. This improved efficiency for staff compared to the previous year end processing. PO Rollover also enables Purchasing to communicate with Departments about outstanding PO encumbrances throughout the year and allows Departments to manage their open PO's encumbrances more effectively.
- Out of Office capability allowing Approvers to set up alternative approvers in their absence.

As a part of the upgrade, staff provided in-house training to e-Requisition users and scheduled several high level e-Requisition updates for staff.

The upgrade resulted in enhanced capabilities for e-Requisition users and implementing PeopleSoft functionality for increased systems efficiencies.

Goals and objectives have included supporting the City's long-term strategic goals, in particular, Council Term Goal #7: Strong Financial Stewardship.

Staff has been focused on developing effective processes and systems and driving business performance and value. Below are some of the key activities and achievements that have been achieved or directly contributed to:

- Successful negotiation to completion of the master agreement with a selected construction manager for the City's Capital projects program.
- Contract negotiation and implementation of Consultant Services for Hansen Work Order software upgrade.
- Some major strategic sourcing projects undertaken by Purchasing in 2015 included the No.1 Road Box Culvert Rehabilitation; Provision of Design Services for Various Sanitary, Drainage Water and Road Capital Projects; Alexandra District Energy Utility; Self Contained Breathing Apparatus replacement for Richmond Fire and Rescue Services;
- Procuring a vendor-maintained 20-year revenue stream street furniture program with goals to increase public transit use in the City and to improve City appeal through reliable transit shelter amenities and unified urban design.
- Development of an updated Hired Commercial vehicle program requirements and competitive bid process.
- Development of a Purchasing service plan with key performance indicators which will be used to measure departmental efficiency and effectiveness going forward.

## 2. Procurement Statistics

The following are key procurement statistics for the period of January 1, 2015 to December 31, 2015:

Total Value of Purchase Order Contracts Awarded in 2015	\$100,389,258.74
Total Value of Procurement Savings* from Contracts Awarded	\$8,736,000
Competitive Contracts Administered	140
Purchase Orders Issued	5329
Purchasing Card Expenditures	\$ 3,777,722

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

### 3. Strategic Sourcing

Strategic Sourcing is a systematic approach to managing the acquisition of goods, services and construction that matches internal partner needs with marketplace capabilities. Strategic sourcing focuses on long term supplier relationships with suppliers integral to the City's organizational strategy. In 2015 a total of 140 strategic sourcing procurements led to the award of \$32,545,800.00 in contracts on behalf of all City departments.

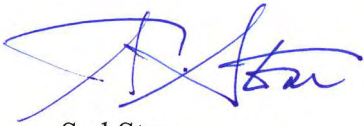
#### **Financial Impact**

None.

#### **Conclusion**

The amended Purchasing Policy 3104 adopted by Council in September 2015, along with the newly developed purchasing guidelines, will enhance 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 2015 was to continue to enhance operations through utilizing leading procurement and inventory management practices. Purchasing was involved in a variety of procurement activities, supporting many City operational and capital programs.



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

Att. 1: Competitive Bid Awards 2015

## Competitive Bid Awards 2015

	<i>Contract Name and Description</i>	<i>Award</i>	<i>Amount</i>	<i>Division</i>
1.	F5361 Project Management and Coordination Services for the Tempest System	Dynamic Management Solutions	\$44,000.00	Engineering & Public Works
2.	F5265 Hansen Licenses	Infor (Canada) Ltd	\$133,560.00	Engineering & Public Works
3.	5316P Supply and Install Mechanical Rooftop Units at Works Yard	Gateway Mechanical Services	\$107,351.00	Engineering & Public Works
4.	5363Q Alexandra District Energy Utility (ADEU) Phase 3 - Raft Slab for Building Expansion	Stuart Olson Construction Ltd	\$226,306.00	Engineering & Public Works
5.	5364Q ADEU Phase 3 - Mechanical Works for Interim Phase and the Polygon Building	Stuart Olson Construction Ltd	\$1,611,941.00	Engineering & Public Works
6.	5375Q Extreme Networks Support Renewal	Island Key computer	\$52,680.00	Finance and Corporate Services
7.	5382S Annual Arc PadMaintenance /Licence agreement	ESRI Canada	\$136,125.00	Finance and Corporate Services
8.	5376S Dell Server Extended Support Contract	Dell Canada	\$41,555.77	Finance and Corporate Services
9.	5377Q Commvault Backup Software Support Contract	CDW	\$25,400.00	Finance and Corporate Services
10.	5378Q Wmware ESX Vsphere Server Virtual Machine	Compugen Inc	\$31,230.00	Finance and Corporate Services
11.	5367S Oracle (PeopleSoft) Licence Contract Renewal	Oracle Canada ULC	\$299,102.23	Finance and Corporate Services
12.	5368S Open Text Licence Contract Renewal	Open Text Corporation	\$184,809.66	Finance and Corporate Services
13.	5369S Tempest License Contract Renewal	Tempest Development Group Inc	\$108,982.00	Finance and Corporate Services
14.	5319P Community Needs Assessment	CitySpaces Consulting Ltd	\$75,410.00	Community Services

March 17, 2016

	<i><b>Contract Name and Description</b></i>	<i><b>Award</b></i>	<i><b>Amount</b></i>	<i><b>Division</b></i>
15.	5321Q Supply & Delivery of One Motor Grader with Front Bucket	PSE Equipment Ltd	\$156,141.28	Engineering & Public Works
16.	5149P Consulting service - Hansen Public Sector Asset and Work Management System V8.3 Upgrade	Infor (Canada) Ltd	\$454,630.00	Engineering & Public Works
17.	5298Q On Call "Boarding Up" Services for Fire-Rescue and Facilities Services	Genesis Restorations Ltd	\$40,000.00	Law and Community Safety
18.	5356P Pavement Management Model Update	Opus International Consultants Ltd	\$38,796.00	Engineering & Public Works
19.	F5365 Design and Construction Ongoing Consulting Services for ADEU Phase 3 Expansion	Corix Utilities Inc	\$61,607.50	Engineering & Public Works
20.	5370Q Cambie Fire Hall 3 - Preload Tender Package	Stuart Olson Construction Ltd. Subcontracted to E. Mathers Bulldozing.	\$448,812.00	Engineering & Public Works
21.	5371Q Steveston Pool Bleacher Replacement	Colter Developments	\$27,672.70	Engineering & Public Works
22.	5372Q Security Services - City Centre Community Centre	Bridge (Pro-Sound) Via Ledcor Construction	\$77,872.00	Engineering & Public Works
23.	F5373 Supply and Delivery Portable Fences	SportaFence Marketing Enterprises LLC	\$45,900.00	Community Services
24.	F5374 Queen Canal Culvert Design	Kerr Wood Leidal Associates Ltd.	\$30,600.00	Engineering & Public Works
25.	5381S Oracle Annual Software Support Renewal	Oracle	\$37,605.53	Finance and Corporate Services
26.	5310 EOI - Hydrogeological Consultant Garden City Lands	SNC-Lavalin Inc	\$47,305.00	Engineering & Public Works
27.	F5388 Museum Track Lighting at Japanese Fisherman's Benevolent Society Building	Norburn Lighting & Bath Via Penta Builders	\$ 37,209.24	Engineering & Public Works

March 17, 2016

	<i><b>Contract Name and Description</b></i>	<i><b>Award</b></i>	<i><b>Amount</b></i>	<i><b>Division</b></i>
28.	5397Q 2015 HVAC Upgrades - Design Services at Richmond Ice Centre	Bycar Engineering Ltd	\$30,250.00	Engineering & Public Works
29.	F5398 Chiller Overhaul at Watermania	Trane Building Services	\$ 58,676.00	Engineering & Public Works
30.	5353Q Supply and Installation @ Richmond Courthouse Lighting	Energy Network Services	\$68,383.76	Engineering & Public Works
31.	5289P Site Remediation for 14940 Triangle Road	Golder Associates Ltd.	\$52,640.00	Finance and Corporate Services
32.	F5441 Flygt Submersible Pumps	Xylem Canada Company	\$53,352.00	Engineering & Public Works
33.	F5442 Emergency demolition of residential property at 9080 Williams Road	MWL Demolition Ltd	\$34,130.00	Finance and Corporate Services
34.	5384Q Supply and Delivery of 1 (One) Mid Size 4 (Four) Door Front Wheel Drive Sports Utility Vehicle	Metro Motors	\$24,655.00	Engineering & Public Works
35.	5413Q Soil Densification - Minoru Complex	Stuart Olson Construction Subcontracted to Vancouver Pile Driving	\$1,628,043.00	Engineering & Public Works
36.	5360Q Minoru Silver Arena Evaporative Condenser Replacement 2015	Cimco Refrigeration	\$127,680.00	Engineering & Public Works
37.	5248Q Supply and Delivery of 2 (Two) Mid Size Hybrid Sedans	Metro Motors	\$26,896.00	Engineering & Public Works
38.	5399S Altiris Client Management Suite and support renewal	CDW	\$28,700.00	Finance and Corporate Services
39.	F5400 Training Services for the Corporate Performance Measurement Program (CPMP)	MNP LLP	\$60,000.00	Deputy CAO
40.	F5402 A Long Range Facility and Deployment plan for Richmond Fire and Richmond Police Services	University of the Fraser Valley	\$143,000.00	Law and Community Safety
41.	5404J Richmond Ice Centre Shower Re-Tiling	Ashton Service Group	\$26,984.00	Engineering & Public Works



March 17, 2016

	<i>Contract Name and Description</i>	<i>Award</i>	<i>Amount</i>	<i>Division</i>
42.	5405Q Ironwood Library - Interior Upgrades	MA Eng-Tech Construction	\$57,598.28	Engineering & Public Works
43.	5412Q ADEU Phase 3 - Electrical Works for Building Expansion	Stuart Olson Construction Ltd.	\$54,896.00	Engineering & Public Works
44.	5417S Amanda Annual Support Contract Renewal	CSDC Systems Inc	\$68,608.13	Finance and Corporate Services
45.	5420J Works Yard Modular Site Office for the Sanitation and Recycling Department	Ashton Service Group	\$101,985.72	Engineering & Public Works
46.	5421J Richmond Ice Centre - Flooring Replacement - Phase 1	Ashton Service Group	\$86,071.98	Engineering & Public Works
47.	F5422 Design and Construction of a Concrete Stairway Adjacent to the Pacific Autism Centre	PC Urban Properties Corp	\$31,788.00	Engineering & Public Works
48.	F5423 Yearly Firefighter Assessment	Stefan, Fraser & Associates Inc	\$48,000.00	Law and Community Safety
49.	F5424 Logstor pre-insulated steel pipe for hot water distribution at SmartCentres site	Corix Utilities Inc	\$75,306.92	Engineering & Public Works
50.	5433Q South Arm Pool Showers Replacement Project	Core Plumbing and Heating Ltd.	\$26,641.00	Engineering & Public Works
51.	5437Q Steveston Net Shed - Front Entrance Upgrades - General Contracting Services	MA Eng-Tech Construction	\$54,630.00	Engineering & Public Works
52.	4989P Self Contained Breathing Apparatus	Guillevin International Co	\$549,523.37	Law and Community Safety
53.	F5450 Red Cross Lesson Supplies - Minoru Aquatic & Watermania	Canadian Red Cross	\$25,000	Law and Community Safety
54.	5451S MS Windows Server Datacentre License	SoftChoice	\$65,960.24	Finance and Corporate Services
55.	5452Q ProofPoint Enterprise Protection - Support and Configuration	Ion Secured Networks Inc	\$28,613.38	Finance and Corporate Services

March 17, 2016

	<i>Contract Name and Description</i>	<i>Award</i>	<i>Amount</i>	<i>Division</i>
56.	5351P Advertising for Emergency Notification System	Flip Digital	\$50,000.00	Law and Community Safety
57.	4589Q Watermania – Janitorial Services	Dynamic Facility Services	\$ 63,701.82	Community Services
58.	5197Q Supply and Delivery of Recreation and Culture Printed Materials (Inner Content), Bindery & Wrap Around Covers - Fall '15, Winter/Spring '16 & Summer '16	International WebExpress	\$ 28,914.00	Community Services
59.	5307Q On Call Fire Systems Contractor	Royal City Fire	\$ 90,000.00	Engineering & Public Works
60.	5333Q Supply and Delivery of Desktop Computers	Island Key Computers	\$127,120.00	Finance and Corporate Services
61.	5335P Consulting Service for Design of Buswell, Vulcan and Leslie Pump Station Sewermain and Forcemain Replacement	Opus DaytonKnight Consultants Ltd	\$ 193,871.00	Engineering & Public Works
62.	5344P Project Manager for Hansen 8.3 Upgrade	Annex Consulting Group Ltd	\$ 110,200.00 (Phase 1 only)	Engineering & Public Works
63.	5350P Civil Engineering Consulting Services For Ledway Road and Ryan Road Watermain Upgrades	Wedler Engineering	\$ 142,450.00	Engineering & Public Works
64.	5357P Lang Park Redevelopment Design Services	ISL Engineering	\$ 79,130.00	Community Services
65.	5379P Supply, Deliver and Install Fitness Equipment at City Centre Community Centre	Fitness Town; Life Fitness; Stak Fitness; Tower Fitness; Technogym	\$ 295,809.81	Community Services
66.	5389Q Richmond Ice Centre Dehumidifier Replacement	Fraser Valley Refrigeration Ltd	\$ 119,375.17	Engineering & Public Works
67.	5391Q Supply and Delivery of 2 (Two) Mini-Vans	Maple Ridge Chrysler	\$ 48,666.00	Engineering & Public Works
68.	5406Q Supply and Delivery of 3 (Three) Extended Compact Trucks	Dueck Richmond GM	\$ 69,282.00	Engineering & Public Works

March 17, 2016

	<i><b>Contract Name and Description</b></i>	<i><b>Award</b></i>	<i><b>Amount</b></i>	<i><b>Division</b></i>
	with 5' (five ) Feet Box			
69.	5407Q Supply and Delivery of One (1) Ton Crew Cab Truck	Metro Motors	\$ 37,084.00	Engineering & Public Works
70.	5411Q Gateway Theatre – Air Handling Unit Replacement	Davidson Bros Mechanical Contractor	\$ 226,125.98	Engineering & Public Works
71.	5418Q Minoru Arena 1 (Stadium) – Flooring Replacement	Ashton Service Group	\$114,516.76	Engineering & Public Works
72.	5428P Provision of Producer and Production Team Services for the Richmond World Block Party	John Donnelly & Associates Event	\$ 80,000.00	Community Services
73.	5438Q Supply and Delivery of Oracle Database Infrastructure	RCR Technologies Inc.	\$ 114,262.00	Finance and Corporate Services
74.	5439F Consulting Services for an Inmagic Upgrade & Development of a Web-based Search Interface for the Holdings at the COR Archives	Andornot Consulting Inc	\$36,024.00	Finance and Corporate Services
75.	5440F Completion of DDC Upgrade at City Hall	ESC Automation Inc.	\$ 160,533.00	Engineering & Public Works
76.	5445Q Cook Road Children's Centre Upgrades - General Contracting Services	ICE Development Ltd	\$50,597.80	Engineering & Public Works
77.	5446F Design of the Energy Transfer Station (ETS) and Service Connection for Firehall No. 3	Kerr Wood Leidal Associates Limited	\$ 28,866.00	Engineering & Public Works
78.	5447F Consulting Services - Festival Director for the 12th Annual Maritime Festival	Dolly Hopkins	\$25,600.00	Community Services
79.	5449F Design of Energy Transfer Station (ETS) and Service Connection for Townline Oxford Lane Townhomes	Kerr Wood Leidal Associates Limited	\$ 28,866.00	Engineering & Public Works
80.	5453Q Supply and Installation of Monorail Support for the ADEU Phase 3 Energy Centre Expansion	Stuart Olson Construction Subcontracted to Structurlam	\$ 486,330.00	Engineering & Public Works

March 17, 2016

	<i>Contract Name and Description</i>	<i>Award</i>	<i>Amount</i>	<i>Division</i>
81.	5455P Consulting Services for Community Services Facilities Strategic Plan	RC Strategies	\$ 157,355.00	Community Services
82.	5456F Jamatkhana Temple ETS Controls and Metering, Supply, Install and Commission	Corix Utilities Inc	\$47,483.83	Engineering & Public Works
83.	5457S Purchase of the Google Search Appliance (hardware) and related Consulting and Support Services	Capital Technology Partners	\$68,125.60* (*USD \$36,000+ \$24,400 CAD)	Finance and Corporate Services
84.	5461F Richmond Maritime Festival - Production services	Anigraph Productions Ltd	\$ 200,000.00	Community Services
85.	5462Q Seine Net Loft South Deck Repair	JJM Construction Ltd	\$ 216,530.00	Engineering & Public Works
86.	5463Q Supply and installation of Structural Steel and Aluminum Screens for the ADEU Phase 3 Energy Centre expansion	Stuart Olson Construction Ltd Subcontract Crosstown and PMC	\$ 318,513.00	Engineering & Public Works
87.	5465F Supply and Delivery of 45,000 Metric Tonnes of River Sand	Hall Constructors	\$ 224,550.00	Engineering & Public Works
88.	5467Q Tools and Supplies for Hazmat Detection Equipment Kits	Rocky Mountain Phoenix	\$ 32,554.00	Law and Community Safety
89.	5469Q Delivery and Installation of Custom Slanted Cantilever Shade for Minoru Seatwall Spectator's viewing	Rectec Industries Inc	\$ 34,280.00	Community Services
90.	5471Q Fire Hall No 1 Demolition	Stuart Olson Construction Subcontract to Matcon Demolition	\$454,868.00	Engineering & Public Works
91.	5473Q Architectural Design Services for the Sharing Farm	Andrews Architects Inc	\$35,900.00	Engineering & Public Works
92.	5474J Cambie Community Centre Improvement Work 2015	Ashton Service Group	\$ 34,985.33	Engineering & Public Works

March 17, 2016

	<i><b>Contract Name and Description</b></i>	<i><b>Award</b></i>	<i><b>Amount</b></i>	<i><b>Division</b></i>
93.	5476Q ADEU Phase 3 Expansion - Geoechange Field	Stuart Olson Construction Ltd Subcontract: Geotility	\$ 1,575,136.00	Engineering & Public Works
94.	5477Q ADEU Phase 3 Expansion - Architectural Works	Stuart Olson Construction Ltd Subcontract: Flynn Canada, Spectrum Painting, Konecranes, Shanahans and Atlas	\$ 718,875.00	Engineering & Public Works
95.	5478F Construction of approximately 250m of District Energy Utility (DEU) Piping	Performance Contracting Ltd	\$ 143,856.00	Engineering & Public Works
96.	5480F The Design and Construction of 300m of Watermain at Dubbert Street and Alexandra Road	Townline Group of Companies	\$ 63,620.00	Engineering & Public Works
97.	5481Q Sound System Components for Sound Stage Unit # 1306	Allstar Pacific Integrated Media	\$ 33,721.00	Engineering & Public Works
98.	5482S Annual Telephone/Voice Equipment Maintenance of the Voice Equipment Hardware	Telus Communications	\$ 84,037.89	Finance and Corporate Services
99.	5483J Underground Water Meter Installation at 8700 Bennett Rd	Ashton Service Group	\$ 36,093.19	Engineering & Public Works
100.	5484S Support & Delivery of MS Products	SoftChoice	\$ 65,138.29	Finance and Corporate Services
101.	5485Q Alexandra DEU Phase 3 - Mechanical Works	Stuart Olson Construction Ltd Subcontract Division 15 Mechanical Ltd	\$ 1,971,925.00	Engineering & Public Works
102.	5486Q Alexandra DEU Phase 3 - Electrical Works	Stuart Olson Construction Ltd Subcontract Western Pacific	\$848,509.00	Engineering & Public Works
103.	5487S Infor (HANSEN) Annual Support Contract Renewal	Infor Canada Ltd	\$85,369.23	Finance and Corporate Services
104.	5488Q Supply and Installation of Wifi at City Centre Community Centre	Smartedge Networks	\$ 41,815.00	Finance and Corporate Services

March 17, 2016

	<i>Contract Name and Description</i>	<i>Award</i>	<i>Amount</i>	<i>Division</i>
105.	5489F Environmental Investigation of Westminster Hwy	Parsons Canada Limited	\$37,502.00	Engineering & Public Works
106.	5491S The Active Network (CLASS) Annual Support and Maintenance	The Active Network	\$ 98,442.83	Finance and Corporate Services
107.	5492Q Alexandra DEU Phase 3 – Pre-Construction Services	Stuart Olson Construction Ltd.	\$121,677.00	Engineering & Public Works
108.	5497Q Terra Nova Children's Centre Upgrades – Roofing Contracting Services	Broadway Roofing & Sheet Metal Ltd	\$ 51,301.00	Engineering & Public Works
109.	5498Q Soil Densification at Cambie Fire Hall 3	Stuart Olson Construction Subcontract Vancouver Pile Driving	\$ 796,313.00	Engineering & Public Works
110.	5501F Supply and Delivery of Knife Gate Valve for the Fish Screen at the Bath Slough Pump Station	Dezurik of Canada Ltd	\$25,195.00	Engineering & Public Works
111.	5502S Insights On-Line Profiles	Insights Learning & Development	\$32,000.00	Deputy CAO
112.	5509F Supply and Installation of Bus Shelters	Lucid Management Group	\$ 44,670.00	Planning & Development
113.	5511J Britannia Information Technology Closet	Ashton Service Group	\$ 30,144.64	Engineering & Public Works
114.	4080 Garry Street 3" Multi-Family Water Meter Installation	Ashton Service Group	\$ 31,000.00	Engineering & Public Works
115.	5513Q Rooftop HVAC Unit Replacement at Richmond Ice Centre	Stuart Olson Construction Subcontracted to Keith Plumbing	\$ 194,820.83	Engineering & Public Works
116.	5517F Supply and Delivery of Turf for Cambie Community Centre	Western Turf Farms Ltd	\$ 27,215.50	Community Services
117.	5518Q Supply & Install 85mm Asphalt at Swinton Cr Laneway	Winvan Paving	\$ 41,640.00	Engineering & Public Works

March 17, 2016

	<i><b>Contract Name and Description</b></i>	<i><b>Award</b></i>	<i><b>Amount</b></i>	<i><b>Division</b></i>
118.	5519Q Supply and Install 85mm Asphalt at Dennis Cr Laneway	Winvan Paving	\$ 53,960.00	Engineering & Public Works
119.	5647CM Minoru Chapel - Rehabilitation Phase 2	Stuart Olson Construction Subcontracted to Basil Construction	\$181,261	Engineering and Public Works
120.	5646CM Riverdale Area Watermain Upgrades	Stuart Olson Construction Subcontracted to Sandpiper Contracting	\$824,259	Engineering and Public Works
121.	5645EOI Direct Digital Control Lighting Upgrade - City Hall	ESC Automation Inc.	\$90,909	Engineering and Public Works
122.	5644F Alexandra District Energy Utility - Smart Centres Connection	Graham Construction and Engineering LP	\$2,702,632	Engineering and Public Works
123.	5643EOI Direct Digital Controls Upgrade Completion – Works Yard	ESC Automation Inc.	\$82,115	Engineering and Public Works
124.	5626EOI Ledway Road and Ryan Road Watermain Upgrades	Stuart Olson Construction Subcontracted to Hexcel Construction	\$1,163,770	Engineering and Public Works
125.	5625F Software Implementation and first -year licence fee Post implementation Consultancy Services	CAM Management Solutions (Canada) Inc.	\$83,790	Finance and Corporate Services
126.	5623J Library Cultural Centre - Improvement Projects	ICE Development Ltd	\$81,327	Engineering and Public Works
127.	5618CM Excavation & Raft Slab at Minoru Aquatic Center/Older Adult Center	Stuart Olson Construction Subcontract to Dominion Fairmile	\$4,847,541	Engineering and Public Works
128.	5617CM Soil Densification - Fire Hall No. 1	Stuart Olson Construction Subcontract Vancouver Pile Driving	\$648,719	Engineering and Public Works
129.	5613CM Animal Shelter – 12' x 40' Trailer	Stuart Olson Construction subcontracted to Shelter Modular	\$84,661	Engineering and Public Works

March 17, 2016

	<i>Contract Name and Description</i>	<i>Award</i>	<i>Amount</i>	<i>Division</i>
130.	5612Q Works Yard Stores Building - Roof Repairs	Cascade Roofing	\$138,612	Engineering and Public Works
131.	5602F Consulting engineering services for the raising of No. 2 Rd. dike from the No. 2 Rd. Drainage Pump Station west 400 meters towards Lynas Lane	Opus Dayton Knight	\$120,786	Engineering and Public Works
132.	5591CM Electrical and Fire Alarm Integration for City Hall Elevators Modernization	Stuart Olson Construction subcontracted to Saso Contractors	\$106,561	Engineering and Public Works
133.	5561Q Supply and Install Meru AP832I Access Points and Licences at Fire Halls # 2, 4, 6 and 7	X10 Networks	\$90,002	Finance and Corporate Services
134.	5534Q Building Envelope Repairs at the Works Yard Administration Building	All Round Home Improvements & Restorations Ltd	\$225,032	Engineering and Public Works
135.	5530Q Minoru Pump Station Jet Grouting	Pacific Ground Engineering	\$323,000	Engineering and Public Works
136.	5524P IT Service Management Solution	Network consulting services Inc	\$122,569	Finance and Corporate Services
137.	5503P Provision of Electronic Plan Submission & Review (e-Plan) Software and Services	Avolve	\$280,879	Finance and Corporate Services
138.	5410Q Supply and Delivery of 2 (Two) Full Size Front Wheel Drive High Roof 1 (One) ton Single Rear Wheel Cargo Van	Maple Ridge Chrysler	\$140,753	Engineering and Public Works
139.	5395Q Supply and Delivery of 1 (One) Regular One Ton Dump Truck with Crane and Dual Rear Wheels	Dams Ford Lincoln Sales	\$99,602	Engineering and Public Works